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A family-owned company, **Penner Farm Services** has served the hog, poultry and dairy producers in Western Canada for more than 30 years. Established in the late 1960's the company's roots go back to a Dairy and Mixed Farm operation near the village of Blumenort in South Eastern Manitoba. During the late 1960's a growing demand for larger farm buildings and more specialized livestock equipment produced an opportunity for Abram G. Penner, our founding President, to fulfill his keen interest in farming operations and resulted in the creation of **Penner Farm Services**.



Abram G. Penner
1929-1997
Founding President



In 2003 **Penner Farm Services** acquired an interest in **Avonbank Farm Services** of Granton, Ontario. **Avonbank Farm Services** has been in business for more than 40 years providing quality design, installation and service to several generations of customers.

Today, **Penner Farm Services** and **Avonbank Farm Services** are definite leaders in providing a complete line of livestock equipment. They include stabling and confinement, feed handling and processing, manure handling, and ventilation systems. **Penner Farm Services** and **Avonbank Farm Services** have provided excellent leadership during the past 30 years covering the entire scope of automated equipment for efficient farm management.





Providing service that often exceeds the expectations of our customers has helped establish a trusting relationship with both customers and suppliers. **Penner Farm Services** and **Avonbank Farm Services** provide high quality service and after sales support. Our services include:

- Four Penner Farm Services locations across Manitoba & Alberta
- Two Horizon Livestock & Poultry Supply locations in Manitoba
- An efficient packaging and delivery system
- Well trained and qualified staff
- Cell phone-equipped service vehicles



“Quality Service You Can Depend On”



Better Air Ventilation

Better Air fans provide for efficient operation at a competitive price. The Polyethylene housing is rust-proof and both the Leeson & Multifan motors provide for long lasting performance.



Better Air Exhaust Fan and Shutter All fans include PVC shutter and are CSA approved.

Better Air Exhaust Fans with Leeson Motors

Item #	Size	CFM	Rough Open-	Speed	Direct/Belt	Motor	Motor RPM	Shutter
LPF-1200	12	1,150	15.25"	Variable	Direct	1/4	1725	FS-12
LPF-1400	14	1,850	17.25"	Variable	Direct	1/4	1725	FS-14
LPF-1600	16	2,500	19.25"	Variable	Direct	1/4	1725	FS-16
LPF-1800	18	3,360	21.25"	Variable	Direct	1/4	1725	FS-18
LPF-2000	20	4,100	23.25"	Variable	Direct	1/3	1725	FS-20
LPF-2400	24	5,500	27.25"	Variable	Direct	1/2	1725	FS-24
LPF-2401	25	6,230	32"	Variable	Direct	1/2	1725	FS-25
LPF-2800	28	6,650	35"	Variable	Direct	1/2	1025	FS-28
LPF-3600	36	9,100	40.5"	Single	Belt	3/4	1725	FS-36
LPF-3601	36	11,245	40.5"	Single	Direct	1	1140	FS-36
LPF-3602	36	9,100	40.5"	Variable	Direct	3/4	1075	FS-36
LPF-4800S	48	20,000	53"	Single	Belt	1.5	1725	FS-48
LPF-4802	48	20,000	53"	2-speed	Belt	1.5	1725/1140	FS-48
LPF-5000	50	24,000	55"	Single	Belt	1.5	1725	FS-50

Better Air Fiberglass Fans

tem #	Size	CFM	Rough Opening	Speed	Drive	HP	RPM	Blade	Shutter
FWL-24	24"	6,590	31.75" x 31.5"	Variable	Direct	1/2	1725	FB-24	FSF-24
FWBD-36	36"	12,000	44.25"	Single	Belt	3/4	1725	FB-36	FSF-36
FWDD-36	36"	13,000	44.25"	Single	Direct	1.0	1170	FB-36	FGFSF-36
FW1-48	48"	20,789	56.5"	Single	Belt	1.0	1725	FB-48	FGFSF-48
FW2-48	48"	22,323	56.5"	Single	Belt	1.5	1725	FB-48	FGFSF-48
FW-4802	48"	22,323	56.5"	2-speed	Belt	1.5	1140/1725	FB-48	FGFSF-48
FW-6015	60"	31,500	65"	Single	Belt	1.5	1725	FB-60	FGFS-60
FW-6020	60"	33,500	65"	Single	Belt	2.0	1725	FB-60	FGFS-60



Call us for information on exhaust fans with Multifan or three phase motors

Better Air Recirculation Fans

Size	Leeson #	Multifan #
12"	LCF-1200	MCF-1200
14"	LCF-1400	MCF-1400
16"	LCF-1600	MCF-1600
18"	LCF-1800	MCF-1800
20"	LCF-2000	MCF-2000
24"	LCF-2400H	MCF-2400
36"	LCF-3600	MCF-3600



Leeson Recirc Fan



Better Air Stir Fans

Size	Leeson #	Multifan #
12"	SFL-12	SFM-12
16"	SFL-16	SFM-16
18"	SFL-18	SFM-18
24"	SFL-24	SFM-24



Leeson Blade



Multifan Blade



FB-36



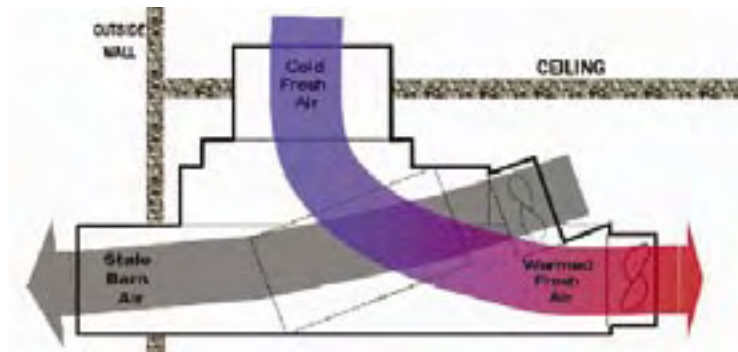
FB-36FG

Fan Blades-Multifan

Item #	Size	Fits Fan Model
MFB-12	12"	MPF-1200
MFB-14	14"	MPF-1400
MFB-16	16"	MPF-1600
MFB-18	18"	MPF-1800
MFB-20	20"	MPF-2000
MFB-24	24"	MPF-2400
MFB-25	25"	MPF-2401
MFB-28	28"	MPF-2800
MFB-36	36"	MPF-3600

Better Air Exchanger

Item #	Description
B-1500	Agricultural Air Exchanger - 1500CFM

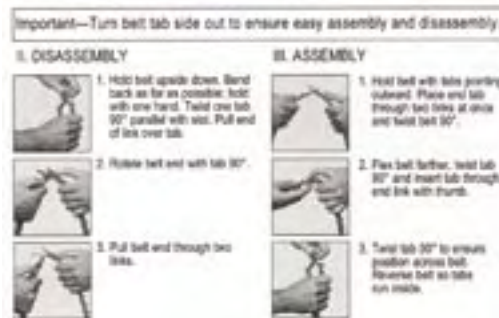


B-1500

Designed for barns, shops or garages, the Air Exchanger's stainless steel housing withstands even the harshest environment. The Better Air Exchanger is designed to provide a constant flow of fresh heated air 24 hours per day, maintaining a clean, fresh environment while controlling temperature and humidity.

Better Air Light Trap

Size	Leeson #	Multifan #
12"	LCF-1200	MCF-1200
14"	LCF-1400	MCF-1400
16"	LCF-1600	MCF-1600
18"	LCF-1800	MCF-1800
20"	LCF-2000	MCF-2000
24"	LCF-2400H	MCF-2400
36"	LCF-3600	MCF-3600



Light traps are an ideal solution for pullet & layer barns where light must be carefully regulated

Sectional V-Belts

Item #	Description
MR5012	Sectional V-belt "A" width (red)
MR5018	Sectional V-belt "B" width (red)

Leeson Fan Motors

Item #	HP	Brand	Mount	RPM	Fan Models
L-699	1/4	Leeson	Flat	1725	LPF-1200 to LPF-1800
L-705	1/4	Leeson	3-arm	1725	LPF-1200 to LPF-1800
L-700	1/3	Leeson	Flat	1725	LPF-2000
L-706	1/3	Leeson	3-arm	1725	LPF-2000
L-701	1/2	Leeson	Flat	1725	LPF-2400, LPF-2401
L-707	1/2	Leeson	3-arm	1725	LPF-2400, LPF-2401
L-321	1/2	Leeson	Flat	1075	LPF-2800
L-581	3/4	Leeson	Flat	1725	LPF-3600
L-847	3/4	Leeson	Flat	1075	LPF-3602
L-782	1	Leeson	Flat	1140	LPF-3601
L-594	1.5	Leeson	Flat	1725	LPF-4800S
C594	1.5	Century	Flat	1725	LPF-4800S
C598	1.5	Century	Flat	1725/1140	LPF-4802



3-Arm Motor
(New style)



Flat Mount Motor
(Old Style)

Miscellaneous Better Air Accessories

Item #	Description
SB-36	Better Air 36" Shutter Bar c/w holders
SB-48	Better Air 48" Shutter Bar c/w holders
SB-50	Better Air 50" Shutter Bar c/w holders
SB-60	Better Air 60" Shutter bar c/w holders (set 2)
CP-100	Better Air Plastic Shutter Clip
SF-025	Better Air shutter flap 2.5" wide - 10ft length
SF-035	Better Air shutter flap 3.5" wide - 10ft length
SF-045	Better Air shutter flap 4.5" wide - 10ft length



CP-100



Shutter bar installed on fan

Multifan Replacement Motors

Item #	Fan Size
4E30	12"
4E35	14"
4E40	16"
4E45	18"
4E50	20"
6E63	24"
8E71	36"



Better Air Shutter Bars protect your investment by keeping your shutter and fan winter covers from coming off when a backdraft of wind blows through the fan.

Better Air Fan Cover

Item #	Description
FC-16	12"-16" Fan Cover
FC-20	18"-20" Fan Cover
FC-24	24" Fan Cover
FC-25	25" Fan Cover
FC-28	28" Fan Cover
FC-36	36" Fan Cover
FC-48	48" Fan Cover
FC-50	50" Fan Cover
FC-CLIP	Better Air Fan Cover Clip



Fan Cover

Fan Cover Clip

Item #	Description
FC-CLIP	Fan Cover Clip (pkg of 9)

Winter Cover - fits inside the fan like a shutter - use when space around fan is tight.

Fan Cover - fits over top of the fan, providing the best insulation.

Fan Cover w/ Louver - like above except includes insulated louver flaps - used on fans that may be required on warmer days in winter

Item #	Size
FH-12	12"
FH-14	14"
FH-16	16"
FH-18	18"
FH-20	20"
FH-24	24"
FH-25	25"
FH-28	28"

Better Air Fan Hoods and Better Air Round Hoods



Fan Hood



Round Hood

Better Air Ceiling Inlets Manually Winched - Foamed Urethane

Item #	CFM	Insulation Stop	Rough Stud Opening
SF-750P	750	YES	9.5" x 17"
SF-1200P	1200	YES	15.25" x 22.25"
SF-2000P	2000	YES	22.25" x 22.25"



Better Air foamed inlets are made of durable material to withstand high pressure washing. The inlet housing is fully insulated, which helps to prevent freezing, and the curved lid encourages improved air patterns as the fresh air enters the room.

Better Air Ceiling Inlets Manually Winched - Styrofoam/Plastic

Item #	CFM	Insulation Stop	Rough Stud Opening
CIM-800P	800	YES	11" x 16"
CIM-800WO	800	NO	11" x 16"
CIM-1200P	1,200	YES	13" x 22"
CIM-1200WO	1,200	NO	13" x 22"
CIM-2000P	2,000	YES	19" x 22"

Better Air Ceiling Inlets Weighted

Item #	CFM	Insulation Stop	Rough Stud Opening
CIW-800P	800	YES	11" x 16"
CIW-800WO	800	NO	11" x 16"
CIW-1200P	1,200	YES	13" x 22"
CIW-1200WO	1,200	NO	13" x 22"

Is the styrofoam on your inlet housing worn out? Try the new FR-1200 and FR-2000 kits to return your insulation to new condition.



CIM-style Weighted Inlet
Styrofoam/Plastic



CIM-style Manual Inlet
Styrofoam/Plastic

Improve your air pattern with our curved & foamed replacement lids for CIM-style inlets - BF-CIM-1200 and BF-CIM-2000.



FR-1200



FR-1200 installed

Better Air Inlet Replacement Parts

Item #	Description
FC-16	12"-16" Fan Cover
FC-20	18"-20" Fan Cover
FC-24	24" Fan Cover
FC-25	25" Fan Cover
FC-28	28" Fan Cover
FC-36	36" Fan Cover
FC-48	48" Fan Cover
FC-50	50" Fan Cover
FC-CLIP	Better Air Fan Cover Clip

Other sizes/configurations available.
Call our ventilation experts for more details.

Better Air Wall Inlets

Item #	Description
WI-800	16" studs- counterweighted
WI-800M	16" studs-winchid
WI-1200	24" studs-counterweighted
WI-1200-M	24" studs-winchid
WI-2400	48" studs- counterweighted

Wall Inlet



Better Air Backdraft Dampers

Item #	Description
BD-1220	Backdraft damper for 12" to 20" fans
BD-2428	Backdraft damper for 24" to 28" fans
BH-BD-1220	Replacement baffle & hinge for BD-1220
BH-BD-2428	Replacement baffle & hinge for BD-2428

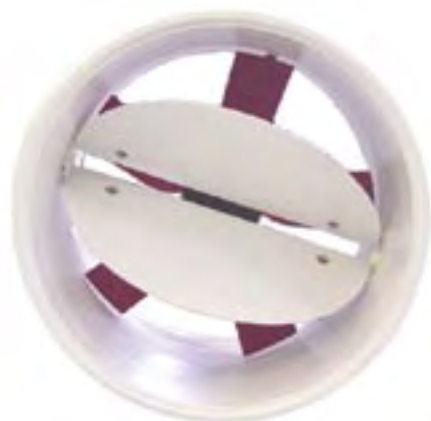
Backdraft dampers reduce cold drafts when your fans are not running during cooler weather.

Backdraft Damper



BETTER AIR CHIMNEY FANS

Chimney Fans and Accessories



	Chimney FANS AND ACCESSORIES
CFM-18M	Better Air 18" Chimney Fan C/W Power Damper & Multi-Fan
CFM-22M	Better Air 22" Chimney Fan C/W Power Damper & Multi-Fan
CFM-25M	Better Air 25" Chimney Fan C/W Power Damper & Multi-Fan
CFM-18G	Better Air 18" Chimney Fan C/W Gravity Damper & Multi-Fan
CFM-22G	Better Air 22" Chimney Fan C/W Gravity Damper & Multi-Fan
CFM-25G	Better Air 25" Chimney Fan C/W Gravity Damper & Multi-Fan
CFZ-18M	Better Air 18" Chimney Fan C/W Power Damper & Ziehl Fan
CFZ-22M	Better Air 22" Chimney Fan C/W Power Damper & Ziehl Fan
CFZ-25M	Better Air 25" Chimney Fan C/W Power Damper & Ziehl Fan
CFZ-18G	Better Air 18" Chimney Fan C/W Gravity Damper & Ziehl Fan
CFZ-22G	Better Air 22" Chimney Fan C/W Gravity Damper & Ziehl Fan
CFZ-25G	Better Air 25" Chimney Fan C/W Gravity Damper & Ziehl Fan
CC-18	Better Air 18" Chimney Cone
CC-22	Better Air 22" Chimney Cone
CC-25	Better Air 25" Chimney Cone
RC-1825	Better Air Raincap For All Sizes C/W Hardware
DWT-018	Better Air 18" X 24" High Double Wall Tube
DWT-022	Better Air 22" X 24" High Double Wall Tube
DWT-025	Better Air 25" X 24" High Double Wall Tube
RBS	Better Air Rubber Roof Sealer all sizes all slopes

CUMBERLAND GALVANIZED 50" FANS



Slantwall Fan



Straightwall/Box Fan

Cumberland Galvanized Fans

Item #	Description
CGSB50S	Slantwall 50" galv fan w/PVC shutter (RO 55.5"W x 57.75" H)
CGBB5021S	Straightwall 50" galv box fan (no shutter) (RO 55.75")
FC-50PE	Fan cover 50"
SB-50	Shutter bar 50"
PS-54-4	PVC shutter 50"
15-0029	Motor 1 HP 1 PH
15-0084	Motor 1 HP 3 PH
13-0103	Fan blade 50"



Both of the above fans include a 1 HP 1 phase single speed motor. Optional 3 phase motors available on request.

- Constructed of heavy G-90 grade galvanized steel
- Galvanized fan blade is aerodynamically balanced for maximum airflow
- Comes standard with greasable pillow block bearings & automatic belt tensioner
- Great for tunnel ventilation - 20,000 CFM each

VIC VENTILATION FROM VICTORIA EQUIPMENT

Fiberglass Fan Series

- Fiberglass housing (3/16" thick) with high gloss finish provides better airflow and facilitates cleaning
- Non-abrasive exterior is resistant to ultraviolet ray deterioration & harsh weather conditions
- Stainless steel hardware provides corrosion resistance
- Available with Marathon or Multifan Motors
- Lifetime warranty on housing



Classic Fan Series

- Polypropylene housing
- Non-abrasive exterior is resistant to ultraviolet ray deterioration & harsh weather conditions
- Available with Marathon or Multifan Motors
- Lifetime warranty on housing

Aerotech Vortex® 55" Fans – 35,500 CFM

- Rated to move 33,500 cubic feet of air per minute (@ .05" static pressure) using a 2 HP belt-drive motor
- Energy efficient - the best cost per CFM / Watt available
- Airfoil shutter blades are hollow & shaped like an airplane wing. As air passes over the blade, it has a natural lift effect, allowing the shutter to stay open without using the fan's power
- Three blade cast aluminum airfoil design with machete tip eliminates air spinning backwards
- Also available in 26" & 51" sizes



Call us today for more details!

VENTILATION OBJECTIVES



- | | |
|--|--|
| Cool Weather
(minimum ventilation) | <ul style="list-style-type: none"> • Remove moisture • Provide oxygen • Remove contaminants |
| Warm Weather | <ul style="list-style-type: none"> • Create outside conditions • Open up walls |
| Hot Weather
(maximum ventilation) | <ul style="list-style-type: none"> • Change effective temperature • Create airspeed • Lessen fly problems |

The result: An automated ventilation system that responds as environmental conditions change.



Vic Vertical Curtain Panels

Vic panels operate on a stainless steel cable and pulley system, sliding along a guide placed outside the building along the lateral walls.

Features:

- Built from rigid insulating material covered on both sides
- Extruded aluminum edges provide protection and rigidity
- Very clean look
- Great flexibility in positioning and mounting
- Thermo windows (3/4" thick) allow for superior visibility and lighting
- Lightweight for easy handling and installation
- Powered by galvanized steel actuators with completely enclosed dustproof motors with automatic thermal protection and adjustable limit switches
- Call us for more information

VICTORIA SUPER COOL HIGH PRESSURE MISTING SYSTEM

The forecast calls for a long **HOT** summer....are you prepared to keep your animals **SUPER COOL**?



Atomizing Nozzles

Operates at minimal flow rate, and extremely high discharge velocity, which creates very small droplets of water. The smaller the droplet the greater the evaporation.



- All animals have a temperature comfort zone where they do their best. When the temperature is not in their thermo neutral zone it has an immediate impact on weight gain, milk production, and reproductive performances.
- The Super Cool misting system creates a 10 micron water droplet which flash evaporates before it hits the floor.
- Water in 10 micron droplets has 5 times the surface area of the same volume of water in 50 micron droplets.

- **Reduce** Temperatures
- **Reduce** Income Losses from Reduced Feed Intake
- **Reduce** Mortality
- **Improve** Worker Conditions
- **Reduce** Ammonia Levels
- **Reduce** Dust
- **Fast return on investment**

Call us today for more details!

High Pressure Misting Replacement Parts

Item #	Description
7-050-6010	Misting nozzle-.02 GPM
7-050-6012	Misting nozzle O-ring (red)
7-050-6015	Misting check valve anti-drip (for nozzles)
7-050-7075	Misting pipe viton o-ring
7-050-6011	Plug for nozzle
7-050-8000	Filter assembly (top, body, O-ring)
7-050-8001	Filter assembly o-ring (for filter housing)
7-050-8010	1 micron filter cartridge 9-7/8"
7-050-8015	5 micron filter cartridge 9-7/8"
7-050-8020	10 micron filter cartridge 9-7/8"
7-050-8025	20 micron filter cartridge 9-7/8"

WINCHING, CABLE, AND PULLEYS

Winches & Parts

Item #	Description
WINCH-1200	1200 Lb. Handwinch Package c/w bracket & bolts
38511200	1200 Lb. Handwinch only
38512001	Hand Winch Worm Gear Split Drum (2000lb)
38512000	Hand Winch (2000lb)



1200 Lb. Hand Winch



Cable

Cables & Clamps

Size	SS Cable #	Galv Cable #	SS Clamp #	Galv Clamp #
1/16"	235025010	235025000	235026405	235026090
1/8"	235025012	235025002	235026415	235026095
3/16"	235025014	235025004	235026420	235026100
1/4"	235025015	235025005	235026425	235026105
5/16"	235025016	235025006	235026430	235026110
3/8"	235025017	235025007	235026435	235026120
1/2"	235025018	235025008	235026405	235026090



AS5085



Cable Clamp



AS5080



Awning Pulleys



Azuma Bolt & Nut

Item #	Size
235025000	1/16"
235025002	1/8"
235025004	3/16"
235025005	1/4"
235025007	3/8"

Pulleys

Item #	Description
AS5020	7/8" nylon swivel
AS5030	2" nylon swivel
AS5085	3 1/2" red nylon hanging w/ SS arms
AS5011	3 1/2" red cast steel hanging w/ galv arms
AS5075	2 1/2 blue vertical mount w/ SS housing
AS5080	2 1/2 blue flush mount w/ SS housing
AS5110	3 1/2" red vertical mount w/ galv housing
AS5100	3 1/2" red flush mount w/ galv housing



AS5075



'S' Hook

'S' Hooks

Size	SS #	ZP #
3/4"	9378T21	CALL
1"	9378T22	55-4890
1-1/2"	AS1220	N121-608
2"	AS1230	B273-425
2-1/2"	CALL	55-4893
3"	CALL	55-4894
3-1/2"	CALL	55-4895

Winch Package contains:

- 1 - 1200 Lb. Hand Winch
- 1 - Hand Winch Mounting Bracket
- 1 - Hand Winch Cable Keeper
- 2 - 3/8-16 x 1" SS Hex Head Bolt-UNC
- 2 - 3/8" SS Flat Washer (1" O.D.)
- 2 - 3/8-16 SS Hex Nut-UNC
- 2 - 3/8 x 3" SS Lag Bolt

Cable Accessories

Item #	Description
PB-100	Better Air 1/8" Azuma Nuts & bolt
35-0018	GSI 1/8" Azuma Nut & bolts w/ "ears"
ANTI-TWIST	Anti-twist piece
375	Concrete 3.75" 15 lb. counterweights
PVC-WEIGHT-7	PVC 2" 7 lb. counterweights
AS1128	1/8" Nico Sleeve
AS1129	3/16" X 1/8" Nico Sleeve
AS1130	3/16" Nico Sleeve

7 Things about your Alarm System that are Important to your Insurance Broker

Environment Proof Enclosure • Your Insurance Broker wants to make sure that moisture and dust do not affect the integrity of the alarm system.

Outdoor Temperature Compensation • Your Broker wants to make know that the alarm is always in service - that it does not shut off on hot days.

Persistent Alarm Outputs • Your Broker wants to know that when an alarm is acknowledged but not resolved, that the alarm system will launch another dialout sequence.

Lightning and Surge Protection • Your Broker wants full protection on inputs and outputs, and wiring supervised for faults and probe faults.

Battery Backup • Your Broker wants to make sure that you've got sufficient battery backup, even when the power has been out a long time.

Alarm Memory Log • Your Broker wants to know the date, time, situation, and who acknowledged the alarm.

Test Key • Your Broker wants a regular check on all alarm functions, as well as fuses and battery.

Enjoy a New "Peace of Mind!"

If your alarm system is missing any of these capabilities, see the next page for information on Agri Alert Alarm Systems.




VIATRON
ELECTRONICS • ELECTRONICS

Agri-Alert
Alarm System

AGRI-ALERT 9600 ALARM SYSTEM



* Group all zones in a barn. When the barn is empty all zones can be shutdown with one entry.

* Only 4 wires between master, keypads and transponder

* Simple installation

* Reduces wiring costs in multiple barn or room installations

EVENT MEMORY

* Records all system events such as alarms, arming, disarming, acknowledgements, dial outs, parameter adjustments etc...

* When memory is full, the oldest events are deleted

AUDIO MESSAGE

* Easy to identify the zone when calling the system on the phone

* Know exactly where the alarms are coming from, and what it is

PASSWORD

* One Master plus ten user passwords

* Installer password

* Records all in and outs of registered password holders: what time they came in, what time they left

DIAL OUT

* Up to 16 phone numbers

* Recall feature: restarts the dial out sequence when an alarm has been acknowledged but not reset

LINE SEIZURE

* Alert interrupted a phone conversation and begin Dial Out

* Prevents Dial out problems when a phone is not hung up properly

MONITORING STATION

* Can call you first, and then the monitoring station

* No delay in getting the alarm while the monitoring station phones other clients

LOCAL SIREN

* Save unnecessary Dialouts: Most alarms occur when somebody is present. A siren will give you enough time to locally acknowledge the alarm before the dial out begins

* Extra-Protection: Detect any malfunctioning of the telephone line. Automatically activates the siren

* Programmable Time Delay: On siren activation

TEST PROGRAM

* Automatically tests complete system including fuses and battery

* Memory records time of Test (Supports insurance claims)

SOPHISTICATED LIGHTENING AND SURGE PROTECTION

* Gas Tubes are used as a first protection

* Varistor and Polyswitch are used as second protection

* Filters are used as a third Protection

ENCLOSURE

* Water and dust tight to cope with barn conditions

* Battery is in a separate enclosure. No danger of a leaking battery corroding the Master Control





Agri-Alert 9600

Item #	Description
AA9600	AGRI-ALERT Model 9600 - c/w 8 Zones
EXT CARD AA9600	8 zones extension card for AA-9600 (max 2)
PWR PK AA9600	AA9600 Power pack-c/w transformer, battery, box
TP-800	Agri-Alert Transponder - adds additional 8 zones
KPB-400	Farm Keypad, 4 zones, cable protection included
KP-400	Home Keypad, 4 zones
LB9600	LED box for AA9600

AGRI-ALERT 800T: A COMPLETE ALARM, DIAL-OUT AND MONITORING SYSTEM WITH 8 PROGRAMMABLE ZONES

AGRI-ALERT 800T PROTECTS YOUR INVESTMENT FROM THE FOLLOWING MOST COMMON CAUSES OF INVESTMENT LOSS:

- Power Failure
- Fan Failure (High Temperature)
- Faulty Heater (Low Temperature)

SYSTEM FLEXIBILITY

- Easy bypass and activation of entire building through "Super Zones"
- Programmable alarm recognition delays on individual zones
- Transmission of alarm to pagers, cellulares and telephones
- Check both the temperature and technical functions of the entire system from an off-site telephone

SECURITY

- Phone line seizure
- 12 Volt rechargeable battery backup
- ABS Enclosure: Moisture and dust-tight for barn installations

MAXIMUM SURE PROTECTION

• Maximum protection from surges which is the most common cause of alarm failure. Compared to most other alarm systems, AGRI-ALERT 800T offers up to six times the protection.

OUTDOOR TEMPERATURE COMPENSATION

- As the outside temperature approaches the high alarm setting, the setting is automatically adjusted higher so there is no need to manually adjust the high alarm on hot days. This eliminates the common practice of shutting off the alarm during hot days and having no active alarm.

Agri-Alert 800T

Item #	Description
AA800T	AGRI-ALERT Model 800T Master, 7+1 Zones
POWER-AA800T/2400	AA800T & 2400 Power Pak c/w Transf, Batt., Box

Agri-Alert Accessories

Item #	Description
COMBRIDGE-2	Norsol Communication Card for Bridge A for AA9600
BATTERY	Rechargeable Batt., 7 A/H, 12V, Sealed
SIREN	Agri-Alert Siren, 12 VDV
LINE SEIZURE	Line Seizure Hardware for Telephone
LWPAS	Low water pressure alarm switch - 0-75 PSI range
PMD	Passive infra-red motion detector
DAC	Door Alarm Contact
VRB-1-240	Power Failure Relay Kit--1 phase-240 VRB-1
VRB-3-240	Power Failure Relay Kit--3 phase-240 VRB-3



NORSOL CONTROLLERS



Norsol E Series Controllers

Item #	Description
EVS-21HA	Norsol EVS-21HA-3 Stages; 2 Var + 1 On-Off
EVS-22HA	Norsol EVS-22HA-4 stages; 2 Var + 2 On-Off
EVS-23HA	Norsol EVS-23HA-5 stages; 2 Var + 3 On-Off
EVS-26HA	Norsol EVS-26HA-8 stages; 2 Var + 6 On-Off
EVS-32HA	Norsol EVS-32HA-5 stages; 3 Var + 2 On-Off

- * Air inlet output with potentiometer (no DWR-F-1A required).
- * Outdoor temperature compensation for bandwidths and differentials
- * Two 0-10 volt outputs for chimney dampers, heat mats or additional variable speed fans
- * Only one enclosure instead of two or three
- * Compensation for static pressure
- * Compensation for relative humidity - safeguards air quality during minimum ventilation
- * Day and night setpoints
- * The most user friendly controller on the market
- * Displays low/hi temperatures of the last 7 days
- * Low temperature override features (in case of low room temperature)
- * Merge variable speed stages
- * Displays heater run time of last 7 days
- * Test mode
- * Indicator lights for all parameters to show current operating status
- * Temperature and growth curves
- * Input for water meter - displays daily consumption as well as the last 6 days
- * Each stage has its own setpoint



EVS-23HA



DVS-21HA

Norsol D Series Controllers

Item #	Description
DVS-21HA	Norsol DVS-21HA 3 stage controller; 2 Var
DVS-22HA	Norsol DVS-22HA 4 stage controller; 2 Var
DVS-23HA	Norsol DVS-23HA 5 stages: 3 var, 2 relay-H or C, A
DVS-25HA	Norsol DVS-25HA-7 stage fan controller
DWR-F-1A	Norsol DWR-F-1A Air Inlet Module for Pot. Feedback
COMLINK-2	Norsol new-style communication card



CVS-22HA

Norsol C Series Controllers

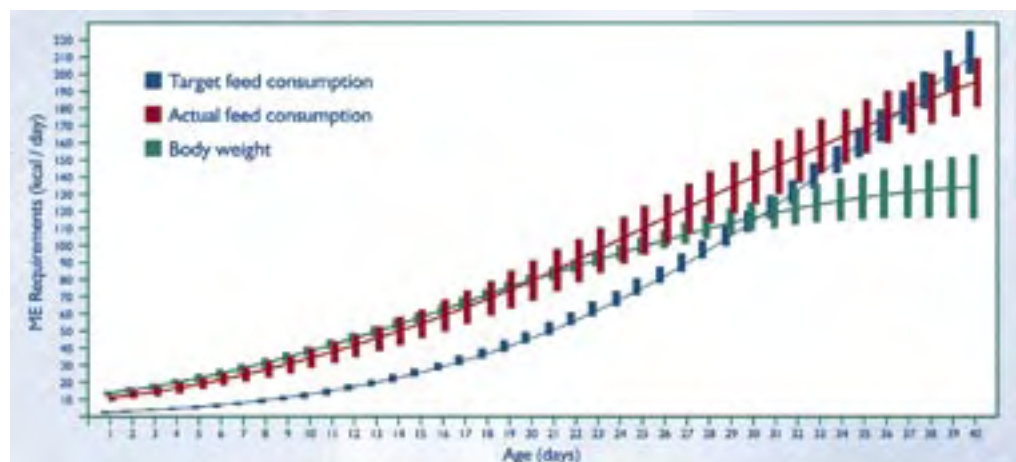
Item #	Description
CVS-12H	Norsol 3 stages control: 1 x 10 A var, 2 ON-OFF
CVS-24H	Norsol CVS-24H 6 stages controller; 2 Var
CV-1A	Norsol CV-1A 1 stage; 1 x 10 A var, A
CVS-11HA	Norsol CVS-11HA 2 stages: 1 var, 1 relay-H or C, A
CVS-21HA	Norsol CVS-21HA 3 stage controller: 2 Var
CVS-22HA	Norsol CVS-22HA 4 stage controller; 2 Var
WR-F-1A	Norsol WR-F-1A Air Inlet Module for Pot. Feedback
WR-F-1AB	Norsol WR-F-1AB Air Inlet Module for Pot. Feedback
COMP2	Norsol old-style communication board (WR-F-1A)

E2E MANAGEMENT SOFTWARE

E2E (End to End) software can help you find problems faster so you can make adjustments proactively rather than reactively.

Using the A-Box barn PC, you can collect and view all current and cumulative feed & water consumption and temperature information from your Norsol controls with E2E software through the Internet.

- Easily modify any control values and curves from your PC using Microsoft Internet Explorer
- Flagging feature allows you to set a flag for "out of normal" values on certain settings – an early warning that something is starting to go wrong
- Automatically e-mail daily reports (or flag reports) to owner, manager, veterinarian, processor, or feed mill
- Generate data or graph reports to show actual performance in relation to target performance



An explanation of Norsol control names:

A DVS-25HA means:

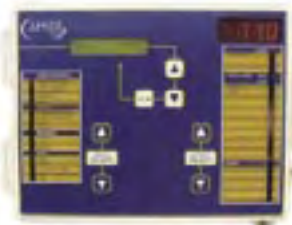
- "D" - the series of controls (currently there are C, D, and E, series available, with "E" series being the newest)
- "V" - the control allows for variable speed output
- "S" - the control also allows for single speed output (On/Off)
- "2" - indicates the number of variable speed stages
- "5" - indicates the number of single speed outputs (On/Off)
- "H" - means that at least one of the stages can be used for heating
- "A" - means there is an alarm contact that can open a circuit when there is an alarm on the controller (e.g. trigger a siren)

We carry a wide selection of replacement faceplates and backboards for Norsol controls - call us for more details.

NORSOL CONTROLLERS

Norsol Expert & Performer Series Controllers

Item #	Description
7350006	Norsol Expert Tri-Star controller
7311412	PRB-8NV relay panel for Tri-Star controller
83200032	Anemometer (wind speed indicator)
83200031	Wind direction sensor/vane
3100010	Weather station hardware kit
83200030	Outside relative humidity sensor
EXPERT50	Norsol Expert 50 climate controller
EXPERT64CA	Norsol Expert 64CA climate controller
RP-2V16DC	Norsol RP-2V16DC Expert relay panel; 2V+16R DC
RP-16	Norsol RP-16 Expert relay panel; 16 relays DC
S9	Norsol Performer S9 Control-2 Var, 9 Relay
S12	Norsol Performer S12 Control-2 Var, 12 Relay
COMLINK-1	Norsol New-style comm. card for Expert 30 & 50



EXPERT 50



Expert Tri-Star

Weather Station for
Expert Tri-Star

Norsol Light Controller

Item #	Description
DV-1TM	Norsol DV-1TM Light Control
PMV-010	Norsol PMV-010 10 Volt Booster for DV-1TM

Norsol Sensors & Common Wire

Item #	Description
HP-1	Norsol HP-1 Humidity Probe
FILTER KIT	Norsol Gold Filter for HP-1
SENSOR KIT	Sensor, Gold filter and grommets for HP-1
PROBE-1	Norsol 18" Temperature Probe (sensor)
52-644-1801	18/2 Shielded Wire (sensor wire)- 2 conductor
52-442-1803	18/3 Shielded Wire -3 conductor-ft
52-602-2202	22/2 Communication Wire-2 pair-ft

Single Speed Controls

Item #	Description
S-1H-20	Norsol S-1H-20 1 stg ON-OFF 10A., digital, -20
TH15AG	Norsol TH15AG mechanical 1 sp Thermostat-H or C
T15-WD	Multifan T15-WD Mechanical 1 sp Thermostat-H or C



TH15AG

Mechanical Thermostat

Norsol Sprinkler Controls

Item #	Description
CM-4	Norsol CM-4 4-Channel Mist Control
SC1000	Super Cool high pressure misting control - 1 zone
SC3000	Super Cool high pressure misting control - 3 zones

Norsol Variable Speed Controls

Item #	Description
VND-1	Norsol VND-1 1 Stage var Speed, Non-Digital, 10 A
VM-1	Norsol VM-1 Manual VS, Non-Digital
PMV-1	Norsol PMV-1 10 A Booster-8 Mats @ 120V, 16 @ 240V
PMV-2	Norsol PMV-2 10 A Booster for 2 var

Not sure which control is right for you? Let our friendly staff help you make sense of it all, and get you exactly what you need.

ACTUATORS & NORSOL CONTROLLERS

Norsol Actuators

Item #	Description
CT110 +18	Norsol CT-110+-18; 18-36 Volt DC Transformer
V76-30	Norsol Fasco Von Weise 24 Volt 24" Actuator
V76-115	Norsol Fasco Von Weise 110 Volt 24" Actuator
BRKT	Actuator SS Mounting Bracket c/w hardware
V76-320	Norsol Potentiometer Sensor Kit 10K
8210030	Norsol Vic Jack 24" stroke actuator
8210026	Norsol Potentiometer Kit for Vic Jack Actuator

Norsol Time Clocks

Item #	Description
CS-1TM	Norsol CS-1TM 1 Chan Time Clock, 24 Hr., Digital
CS-3TM	Norsol CS-3TM 3 Chan Time Clock, 24 Hr., Digital

Norsol Miscellaneous

Item #	Description
WR-P-1A-2	Norsol WR-P-1A-2 Static Pressure Controller

Relay and Fuse Boxes

Item #	Description
RB-4	Norsol RB-4 Relay Package
FFB-7	Norsol FFB-7 Fan Fuse Box w/ 7 A fuses
FFB-10	Norsol FFB-10 Fan Fuse Box w/ 10 A fuses
FFB-15	Norsol FFB-15 Fan Fuse Box w/ 20 A fuses (15A run)
217001H	Fast Blo 250V Mini Fuse 1 Amp (3/4" long)
7 AMP	Slo Blo 250V Fuse 7 Amp
10 AMP	Slo Blo 250V Fuse 10 Amp
15 AMP	Slo Blo 250V Fuse 15 Amp
20 AMP	Fuse-20 A rated for start-up; 15 A continuous (FFB-15)



Slo Blo Fuse



V76-320 Potentiometer Kit



RB-4 Relay Package

HEAT LAMP HOLDERS

Best Seller!

Retrolite
PlasticBetter Air
Stainless Steel

Heat Lamps & Replacement Parts

Item #	Description
HLC	Heat Lamp Holder-polished steel (Canarm)
HSHLF	Heat Lamp Holder Retrolite Plastic
SL-08	Heat Lamp Holder Better Air SS
HLS-100	Heat Lamp Porcelain Socket w/leads
P4803	Heat Lamp Porcelain Socket (no leads)

**Heat Bulbs available
on page 90**

Canarm
Polished Steel

AGRICULTURAL CREMATOR

- Bio security is a prime concern at all poultry operations as daily mortality can spread disease and attract rodents. Cremation eliminates these problems
- Sanitary - waste can be destroyed as fast as it accumulates
- Convenient - fill the chamber and turn on the burner. Timer automatically shuts down burner after a complete burn
- Thorough - leaves only sterile white ash and brittle bone fragments. No turning of contents needed to get a complete burn



RADIANT BROODERS

Shen Glow High Efficiency Radiant Heaters

- Shenandoah 40,000 BTU brooders create infra-red rays, similar to sun rays passing through the air
- Produces heat when in contact with chicks and litter at floor level
- Creates 30 ft. circle of brooding warmth; fewer brooders required to heat a house, reduces installation and maintenance costs



PSI Infraconic Radiant Heaters



- Available with heat ratings from 10,000 to 40,000 BTU the Infraconic gives you great design flexibility and heat efficiency
- Available with Pilot or Spark ignition, and able to modulate output from 10-100%
- No electricity required, runs off gas pressure
- Comes fully assembled and each unit is test fired prior to shipping

HOG HEARTH HEAT MATS

- Sows (70 deg F) and newborn pigs (99 deg F) need different temperatures
- Heat mats are proven to reduce mortality by allowing the piglets to get the heat they need without overheating the sows
- In addition, heat mats can reduce energy bills by 70% or more - Hog Hearth heat mats average less than 60 watts per crate, and compared to heat lamps, less heat is wasted since only the surface of the mat is heated, and not the air around it.



14" x 48" Heater

Item #	Description
AP-2001C	14" X 48" Heater, 115 V, 70 W, Top Connect
AP-2002C	14" X 48" Heater, 208 V, 70 W, Top Connect
AP-2005C	14" X 48" Heater, 240 Vs, 70 W, Top Connect
AP-2006C	14" X 48" Heater, 115 V, 70 W, Bottom Connect
AP-2007C	14" X 48" Heater, 208 V, 70 W, Bottom Connect
AP-2010C	14" X 48" Heater, 240 V, 70 W, Bottom Connect

24" x 48" Heater

Item #	Description
AP-1014C	24" X 48" Heater, 115 V, 120 W, Top Connect
AP-1015C	24" X 48" Heater, 208 V, 120 W, Top Connect
AP-1016C	24" X 48" Heater, 240 V, 120 W, Top Connect
AP-1011C	24" X 48" Heater, 115 V, 120 W, Bottom Connect
AP-1012C	24" X 48" Heater, 208 V, 120 W, Bottom Connect
AP-1013C	24" X 48" Heater, 240 V, 120 W, Bottom Connect

24" x 48" Master Heater

Item #	Description
AP-2011C	24" X 48" Master Heater, 115 V, 120 W, Top Connect
AP-2012C	24" X 48" Master Heater, 208 V, 120 W, Top Connect
AP-2015C	24" X 48" Master Heater, 240 V, 120 W, Top Connect
AP-2016C	24" X 48" Master Heater, 115 V, 120 W, Bottom Connect
AP-2017C	24" X 48" Master Heater, 208 V, 120 W, Bottom Connect
AP-2020C	24" X 48" Master Heater, 240 V, 120 W, Bottom Connect

Norsol Heat Mat Controls

Item #	Description
CVH-1AB	Norsol CVH-1AB var output for heat mat/1A 10A
CVHM-1A	Norsol CVHM-1A var output for heat mat/1A 10A
PMV-1	Norsol PMV-1 10 A Booster-8 Mats @ 120V, 16 @ 240V



CVHM-1A Heat Mat Control

PSI HEATING SYSTEMS

- Low profile design - maximizes headroom
- Stainless Steel or Galvanized - provides superior corrosion resistance
- Variable BTUH Output - adjustable heat supply
- 3 year warranty-valve/motor - dependability you can trust



PSI Replacement Parts

Item #	Description
09298	PSI Hot Surface Ignitor Brain Box (black)
09201	PSI Ignitor (no bracket)
09755	PSI Ignitor w/ Bracket
09626	PSI Sensor Flame Rod
80324	PSI Air Proving Switch
84144	PSI High Limit Switch 300 degree
08366	PSI Sensor Flame Rod for AW75 28" Lead

Other parts available on request. Call us for more information.

Hoses

Item #	Description
Hose Kit-1/2	Heater hose with swivel adapter-1/2" X 6'
Hose Kit-3/4	Heater hose with swivel adapter-3/4" X 6'
Hose Kit-1	Heater hose with swivel adapter-1" X 6'

More heaters on page 92

PSI Liquid Propane Heaters

Item #	Description
4774	PSI Heater 22-40,000 BTU All SS LP
6482	PSI Heater 22-40,000 BTU All Galv. LP
4776	PSI Heater 30-60,000 BTU All SS LP
6484	PSI Heater 30-60,000 BTU All Galv. LP
4778	PSI Heater 96-150,000 BTU All SS LP
6486	PSI Heater 96-150,000 BTU All Galv. LP
6468	PSI Heater 150-225,000 BTU All SS LP
6470	PSI Heater 150-225,000 BTU All Galv. LP

PSI Natural Gas Heaters

Item #	Description
4775	PSI Heater 22-40,000 BTU All SS NG
6483	PSI Heater 22-40,000 BTU All Galv. NG
4777	PSI Heater 30-60,000 BTU All SS NG
6485	PSI Heater 30-60,000 BTU All Galv. NG
4779	PSI Heater 96-150,000 BTU All SS NG
6487	PSI Heater 96-150,000 BTU All Galv. NG
6469	PSI Heater 150-225,000 BTU All SS NG
6471	PSI Heater 150-225,000 BTU All Galv. NG



PURAFIRE HEATING SYSTEMS



Purafire Liquid Propane Heaters

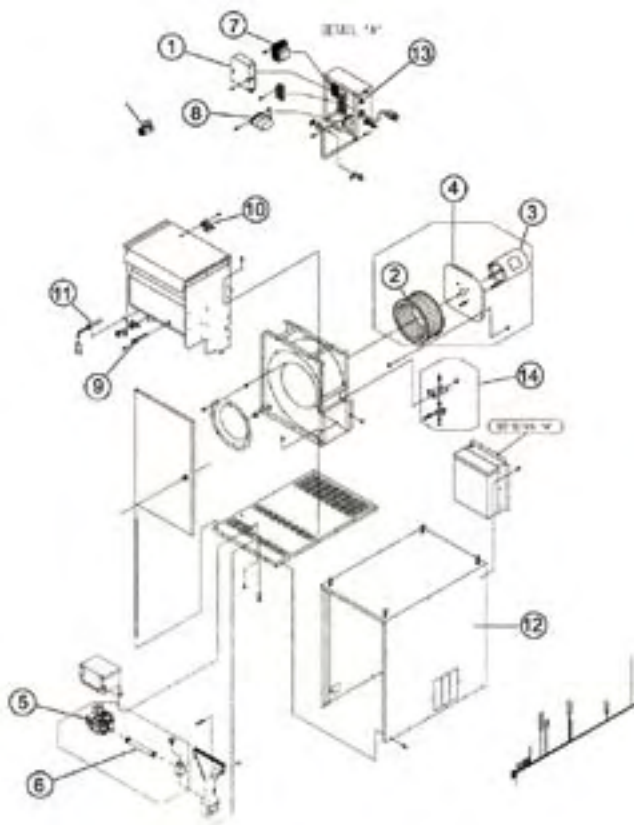
Item #	Description
01-5424	Purafire Heater 40-80000 Galv LP
01-5426	Purafire Heater 40-80000 SS LP
01-5430M	Purafire Heater 140,000-225,000 Galv LP
01-5437M	Purafire Heater 140,000-225,000 SS LP
01-5430	Purafire Heater 225,000 Galv LP
01-5437	Purafire Heater 225,000 SS LP

Purafire Natural Gas Heaters

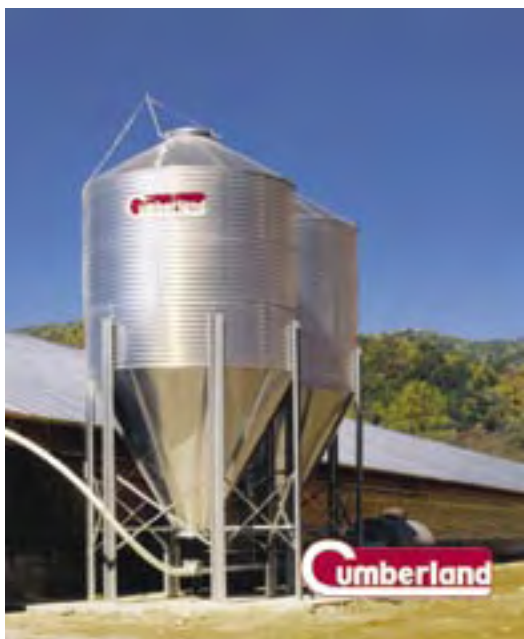
Item #	Description
01-5425	Purafire Heater 40-80000 Galv NG
01-5427	Purafire Heater 40-80000 SS NG
01-5434M	Purafire Heater 140,000-225,000 Galv NG
01-5436M	Purafire Heater 140,000-225,000 SS NG
01-5434	Purafire Heater 225,000 Galv NG
01-5436	Purafire Heater 225,000 SS NG

Purafire Replacement Parts

Item #	Description
1 20-5001	Purafire Flame Relay Safeguard (Brain Box)
2 20-5008	Purafire Blower Wheel / Small (C80)
2 20-5110	Purafire Blower Wheel / Large (C225)
3 20-5009	Purafire C80 Motor-1/8HP, 1PH, 120V
3 20-5099	Purafire C225M Motor-1/3HP, 1PH, 120V
4 5420-1-107	Purafire C80 Motor Mounting Plate
4 5430-1-106	Purafire C225 Motor Mounting Plate
5 20-5025	Purafire Gas Valve-Main Burner-LP
5 20-5026	Purafire Gas Valve-Main Burner-NG
6 20-5028	Purafire Valve - 3/8"x1/4" (LP) Modulating
7 20-5036	Purafire Transformer-120V/24V (C80/C225)
8 20-5037	Purafire Capacitor-7.5MFD 370VAC-C225M
9 20-5045	Purafire Flame Rod
10 20-5046	Purafire Hi Limit Switch 350 Degree (reset)
11 20-5047M	Purafire 24 Volt Gas Igniter - Stainless Steel
12 20-505-5	Purafire Led Red Light Lens
13 20-5060	AP/Purafire toggle switch SPST 15A (On/Off)
14 5430-1-904	Purafire C-80 Air Proving Switch (sail switch)
NS 20-5054	Purafire Red Light Led With Leads



CUMBERLAND FEED BINS



Bin Diameter	# Rings	Hopper Angle	Overall Height	Capacity		
				Bushels	Cu. Feet	Metric T.
6'	1	60°	10.67	111	137.99	2.50
6'	2	60°	13.33	171	212.60	3.86
6'	3	60°	15.95	231	287.20	5.21
6'	4	60°	18.67	291	361.81	6.56
7'	1	67°	13.52	185	230.09	4.17
7'	2	67°	16.18	266	331.63	6.02
7'	3	67°	18.85	348	433.17	7.86
7'	4	67°	21.52	430	534.72	9.70
7'	5	67°	24.18	511	636.26	11.54
9'	1	60°	14.09	308	383.88	6.96
9'	2	60°	16.76	443	551.75	10.01
9'	3	60°	19.43	578	719.62	13.06
9'	4	60°	22.10	713	887.48	16.10
9'	5	60°	24.76	848	1055.34	19.15
12'	3	45°	19.50	1039	1245.80	25.43
12'	4	45°	22.17	1290	1544.22	31.52
12'	5	45°	24.79	1542	1842.65	37.61
12'	2	60°	20.51	924	1110.13	22.64
12'	3	60°	23.17	1176	1408.55	28.73
12'	4	60°	25.84	1428	1706.98	34.83

Options:

- Ladder Kits
- Safety Cages
- Pneumatic Fill Kit
- Hopper Windows
- Sidewall Windows

Note: Capacities for 6' - 9' diameter bins are calculated at 40lbs. per cubic foot. Capacities for 12' diameter bins are calculated at 45lbs. per cubic foot. Bushel capacities for 6' - 9' diameter bins are calculated with no compaction and to full cubic foot capacities. Bushel capacities for 12' diameter bins are calculated with 5% compaction and a 27 degree angle of repose.

Flo-Rite Feed Bin Agitators

Item #	Description
AP-1259	12 Lb. Accu-Drop Feeder
Mdl 220 w/Hdw	
AP-1260	12 Lb. Accu-Drop Feeder
Chain Disk w/Hdw	

PLFLO-RITEBM



Benefits of a bin agitator:

- Reduces bridging
- Encourages first in-first out feed flow
- Reduces separation of particles by ensuring uniform flow
- More accurate feed inventory checks because material remains more level in bin

INTEGRA Micro-INGREDIENT PROPORTIONER

INTEGRA Micro-Ingredient Proportioner:

- Start or stop medication on a feed line at any time
- Computerized operation calculates dosage based on four inputs
- Delivers it into the feed line accurately and easily
- Available in stationary or portable (quick-coupling) versions
- Call us for more information



INTEGRA Micro-Meter

Item #	Description
AP-1259	12 Lb. Accu-Drop Feeder Mdl 220 w/Hdw
AP-1260	12 Lb. Accu-Drop Feeder Chain Disk w/Hdw
AP-1261	12 Lb. Accu-Drop Feeder Mdl 300 w/Hdw
AP-1262-D	Accu Drop Ctrl Unit 220 Volt (DOL Prox)
AP-2384	12 Lb. Econo-Drop Feeder Mdl 220 w/Hdw
AP-2385	12 Lb. Econo-Drop Feeder Chain Disk w/Hdw
AP-2386	12 Lb. Econo-Drop Feeder Mdl 300 w/Hdw
AP-2387	12 Lb. Econo-Drop Feeder Mdl 350 w/Hdw
AP-2418D	Econo Drop Ctrl Unit 220 Volt (All sizes)

Item #	Description
AP-1259	12 Lb. Accu-Drop Feeder Mdl 220 w/Hdw
AP-1260	12 Lb. Accu-Drop Feeder Chain Disk w/Hdw
AP-1261	12 Lb. Accu-Drop Feeder Mdl 300 w/Hdw
AP-1262-D	Accu Drop Ctrl Unit 220 Volt (DOL Prox)
AP-2384	12 Lb. Econo-Drop Feeder Mdl 220 w/Hdw
AP-2385	12 Lb. Econo-Drop Feeder Chain Disk w/Hdw
AP-2386	12 Lb. Econo-Drop Feeder Mdl 300 w/Hdw
AP-2387	12 Lb. Econo-Drop Feeder Mdl 350 w/Hdw
One INT-1019 required for each auger that uses a portable Micro-Meter	
One INT-1020 required for each bin that uses a portable Micro-Meter	

Norsol Precision Auger Manager

Item #	Description
AP-1259	12 Lb. Accu-Drop Feeder Mdl 220 w/Hdw
AP-1260	12 Lb. Accu-Drop Feeder Chain Disk w/Hdw
AP-1261	12 Lb. Accu-Drop Feeder Mdl 300 w/Hdw
AP-1262-D	Accu Drop Ctrl Unit 220 Volt (DOL Prox)
AP-2384	12 Lb. Econo-Drop Feeder Mdl 220 w/Hdw

- Auger Manager alerts you to costly feed disruptions 24 hours a day.
- It monitors and gives alarms for maximum run times and maximum off times
- The eight point maximum run time curve allows you to automatically increase the run time to match increases in feed intake of growing animals and birds.
- Optional temperature module lets you see motor temperature from the control, and helps in early detection of worn bearings, dirty motors, or excessive run times.
- Adjust and monitor all Auger Manager settings from a PC



NORSOL PRECISION BIRD SCALE

"You can't manage what you can't measure."

When challenged with disease, birds go off feed and water. With the Precision Bird Scale, any drop in daily gain is immediately detected, giving you up to 48 hours advance notice of a problem.

Without daily information on average and variation in weight, managers can miss opportunities for improvements in bird performance

- No electrical wires under platform, making it easy to setup & adjust
- Up to 4 scales per controller
- Less labour than manual weighing
- Compatible with E2E software

Scale & controller records:

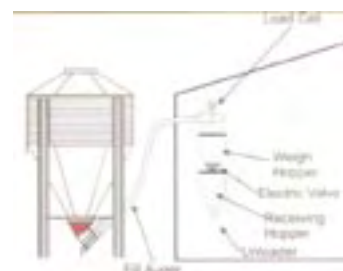
- Average weight
- Number of daily weighings
- Standard weight deviation
- Uniformity bandwidth
- Average daily gain



NORSOL PRECISION FEED SCALE SYSTEM

Most differences in animal growth rate are in feed intake. It is impossible to optimize feed conversion and weight gain if you don't know how daily changes and adjustments affect feed intake.

Combine with bird or hog weighing to know daily feed intake, feed conversion, and growth rates.



INTEGRA FEED BIN SCALE SYSTEM

The INTEGRA Feed Bin Scale System provides a cost-effective method of managing on-farm feed inventory either at the site or from a remote location. It can be easily adapted to new or existing facilities to provide accurate real-time data regarding feed inventory levels and feed consumption.



SOW DROP FEEDERS

Accu-Drop Feeders (12 LB)

Item #	Description
AP-1259	12 Lb. Accu-Drop Feeder Mdl 220 w/Hdw
AP-1260	12 Lb. Accu-Drop Feeder Chain Disk w/Hdw
AP-1261	12 Lb. Accu-Drop Feeder Mdl 300 w/Hdw
AP-1262-D	Accu Drop Ctrl Unit 220 Volt (DOL Prox)
AP-2384	12 Lb. Econo-Drop Feeder Mdl 220 w/Hdw



Accu-Drop



Econo Drop



Ultra Drop

Econo-Drop Feeders (12 LB)

Item #	Description
AP-1259	12 Lb. Accu-Drop Feeder Mdl 220 w/Hdw
AP-1260	12 Lb. Accu-Drop Feeder Chain Disk w/Hdw
AP-1261	12 Lb. Accu-Drop Feeder Mdl 300 w/Hdw
AP-1262-D	Accu Drop Ctrl Unit 220 Volt (DOL Prox)
AP-2384	12 Lb. Econo-Drop Feeder Mdl 220 w/Hdw
AP-2385	12 Lb. Econo-Drop Feeder Chain Disk w/Hdw
AP-2386	12 Lb. Econo-Drop Feeder Mdl 300 w/Hdw
AP-2387	12 Lb. Econo-Drop Feeder Mdl 350 w/Hdw

AP Ultradrop

- Injection molded, 8lb capacity
- One hand volume adjustment
- Call us for more details on this new drop feeder!

Ultra-Drop Feeders

Item #	Description
AP-1259	12 Lb. Accu-Drop Feeder Mdl 220 w/Hdw
AP-1260	12 Lb. Accu-Drop Feeder Chain Disk w/Hdw
AP-1261	12 Lb. Accu-Drop Feeder Mdl 300 w/Hdw
AP-1262-D	Accu Drop Ctrl Unit 220 Volt (DOL Prox)
AP-2384	12 Lb. Econo-Drop Feeder Mdl 220 w/Hdw



NORSOL PRECISION ECO I MULTI-RATION FEED CONTROL

- Improve feed utilization by closely matching protein requirements to the weight and growth potential of the pig.
- ECO I Feeding provides individual control of up to 96 electric, pneumatic, or actuator controlled feed drops.
- Feed up to 8 different rations with one feeding system.
- Adjust and monitor all ECO I settings from a PC.



Call us for more information on this multi-ration feed controller.

FARROWING DROP FEEDER



Save time, feed, and money with AP's Farrowing Drop Feeder. Feed farrowing sows individually, without the hassle of labour-intensive feed carts & scoops. A flexible sock at the top allows movement in any direction. A swing gate at the bottom is manually operated to quickly and accurately measure 1 to 12 pounds of feed, eliminating costly overfeeding. Call us for more information.

CHAIN DISK FEED DELIVERY SYSTEM

- With the AP Chain Disk Feed System, feed is gently conveyed “en masse” decreasing feed particle separation and damage to expensive pelleted feeds.
- The control panel max run timer constantly monitors the system run time shutting down the feed system in the event that the bin runs empty or a costly feed spill is occurring.
- The current sensor feature monitors the amp draw of the Chain Disk drive motor temporarily shutting the incoming fill line if it senses that the system is over loading.
- As the Chain Disk continues to run, the system empties gradually decreasing the amp draw and restarting the fill line.



Chain Disk (Model 236)



Item #	Description
AP-1259	12 Lb. Accu-Drop Feeder Mdl 220 w/Hdw
AP-1260	12 Lb. Accu-Drop Feeder Chain Disk w/Hdw
AP-1261	12 Lb. Accu-Drop Feeder Mdl 300 w/Hdw
AP-1262-D	Accu Drop Ctrl Unit 220 Volt (DOL Prox)
AP-2384	12 Lb. Econo-Drop Feeder Mdl 220 w/Hdw
AP-2385	12 Lb. Econo-Drop Feeder Chain Disk w/Hdw
AP-2386	12 Lb. Econo-Drop Feeder Mdl 300 w/Hdw
AP-2387	12 Lb. Econo-Drop Feeder Mdl 350 w/Hdw
AP-2418D	Econo Drop Ctrl Unit 220 Volt (All sizes)

AP/GSI FLEX FLO AUGER COMPONENTS



30 Degree Boot



Straight Boot

Conversion

Model 220 = Model 55 = 2.20"

Model 300 = Model 75 = 2.95"

Model 350 = Model 90 = 3.50"

Model 500 = 5.00"



FLX-4769 Double Boot



FLX-2195C & BLK-11137



25-2538 Double Boot

Bin Boots

Item #	Description
FLX-2592	Black Plastic Boot-30 Degree-16"
FLX-2593	Black Plastic Boot-Straight-16"
FLX-2194C	Clear Plastic Boot-30 Degree-16"
FLX-2195C	Clear Plastic Boot-Straight-16"
FLX-4769	Black Plastic Boot-Straight Double 16" (for 2 unloaders)
25-2537	Stainless Steel Boot-30 Degree-16"
25-2536	Stainless Steel Straight Boot 16"
25-2538	Stainless Steel Boot-Straight Double 16" (for 2 unloaders)
BLK-11884	AP Galvanized 15 degree wedge
BLK-11137	AP Transfer Plate & Slide Gate Kit

Flex Flo PVC Tubes

Item #	Description
PVC-1004	Mdl 220 10 Ft. Tube
PVC-1005	Mdl 300 10 Ft. Tube
PVC-1006	Mdl 350 10 Ft. Tube
PVC-1007	Mdl 500 10 Ft. Tube

Flex Flo Elbows

Item #	Description
PVC-1000	Mdl 220 PVC Elbows (10' Radius)
PVC-1101	Mdl 220 PVC Elbows (5' Radius)
PVC-1001	Mdl 300 PVC Elbow
FLX-4167	Mdl 300 Hardened Steel Elbow
FLX-2634	Flex auger tube spacer (shim)
PVC-1002	Mdl 350 PVC Elbow
FLX-4166	Mdl 350 Hardened Steel Elbow
PVC-1003	Mdl 500 PVC Elbow
FLX-4165	Mdl 500 Hardened Steel Elbow

PVC Couplers & Tube Clamps

Item #	Description
FLX-2537	Mdl 220 PVC Coupler
FLX-2538	Mdl 300 PVC Coupler
FLX-2539	Mdl 350 PVC Coupler
FLX-2540	Mdl 500 PVC Coupler

Item #	Description
S-4490	2.25" Tube Clamp
S-4320	3" Tube Clamp
S-9186	3.25" Tube Clamp
S-4319	3.5" Tube Clamp
S-4443	4" Tube Clamp
S-4494	5.5" Tube Clamp

Flex Flo Auger Unloaders

Item #	Description
FLX-4682	Mdl 220 S.O. Unloader w/ Anchour
FLX-4694	Mdl 220 T.O. Unloader w/ Anchours
FLX-4694DT	Mdl 220 T.O. Unloader w Anchours-Double Transfer
FLX-4408	Mdl 220 S.T. Unloader w/o anchour & bearing
FLX-3937	Mdl 220 T.T. Unloader w/o anchour & bearing
FLX-3937DT	Mdl 220 T.T. Unloader w/o Anchours-Double Transfer
FLX-4684	Mdl 300 S.O. Unloader w/ Anchour
FLX-4696	Mdl 300 T.O. Unloader w/ Anchours
FLX-4696DT	Mdl 300 T.O. Unloader w/ Anchours-Double Transfer
FLX-2243	Mdl 300 S.T. Unloader w/o anchour & bearing
FLX-2586	Mdl 300 T.T. Unloader w/o anchour & bearing
FLX-2586DT	Mdl 300 T.T. Unloader w/o Anchours-Double Transfer
FLX-4686	Mdl 350 S.O. Unloader w/ Anchour
FLX-4698	Mdl 350 T.O. Unloader w/ Anchours
FLX-2178	Mdl 350 S.T. Unloader w/o anchour & bearing
FLX-2181	Mdl 350 T.T. Unloader w/o anchour & bearing
FLX-4743	Mdl 500 S.O. Unloader w/ Anchour & Bearing
FLX-3425	Mdl 500 S.O. Unloader (no anchour)
FLX-2741	AP Galvanized adapter plate



S.O. = Single Out
T.O. = Twin Out
S.T. = Single Through
T.T. = Twin Through



FLX-2741

Flex Flo Auger Unloader Replacement Parts

Item #	Description
FLX-4331	Mdl 220 S.O. Unloader BODY ONLY
FLX-3938	Mdl 220 T.O. Unloader BODY ONLY
FLX-2168	Mdl 300 S.O. Unloader BODY ONLY
FLX-4671B	Mdl 300 T.O. Unloader BODY ONLY
FLX-2053	Mdl 350 S.O. Unloader BODY ONLY
FLX-2116B	Mdl 350 T.O. Unloader BODY ONLY
FLX-4239	Unloader side clean-out plate assembly (door)

*Note: - side clean-out plate assembly is not included with unloader body only

Auger Flighting

Item #	Description
FLXA-1520	Mdl 220 Auger Flighting
FLXA-2390	Mdl 300 Auger Flighting
FLXA-2710	Mdl 350 Auger Flighting
FLXA-3800	Mdl 500 Auger Flighting



Flighting

Anchour & Bearing

Item #	Description
FLX-4646	Mdl 220 (New Style) Anchour & Bearing
FLX-2189	Mdl 220 (Old Style) Anchour & Bearing
FLX-4648	Mdl 300 (New Style) Anchour & Bearing
FLX-2227	Mdl 300 (Old Style) Anchour & Bearing
FLX-4650	Mdl 350 (New Style) Anchour & Bearing
FLX-2191	Mdl 350 (Old Style) Anchour & Bearing
FLX-2192	Mdl 500 Anchour & Bearing



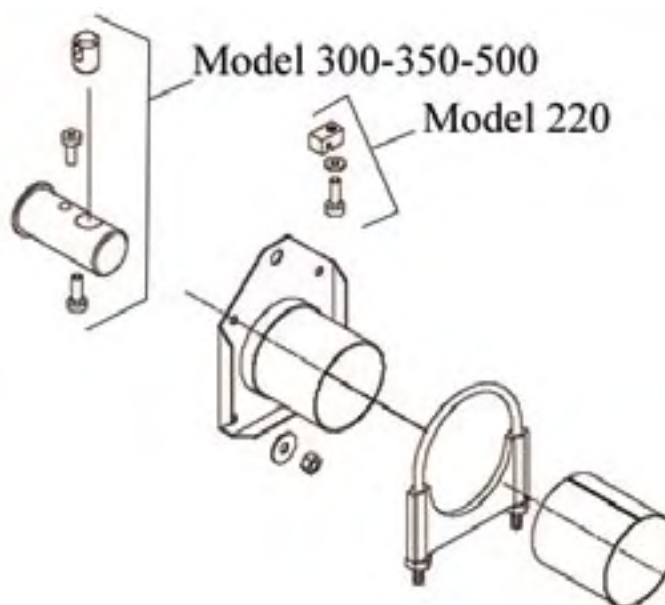
Model 300-350 Styles

Having trouble identifying what part you need?
We can mail or e-mail you a copy of the installation and parts manuals on request.

FLEX FLO AUGER PARTS & ACCESSORIES

Direct Drive & Tube Anchour

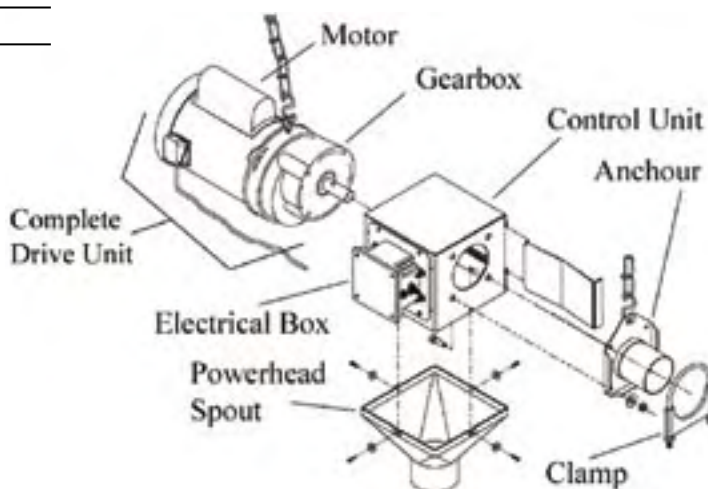
Item #	Description
FLX-2699	Mdl 220 Direct Drive & Tube Anchour
FLX-2696	Mdl 300 Direct Drive & Tube Anchour
FLX-2697	Mdl 350 Direct Drive & Tube Anchour
FLX-2698	Mdl 500 Direct Drive & Tube Anchour
FLX-4543	Mdl 220 Auger Lock for Direct Drive
FLX-2685	Mdl 220 Direct Drive Anchour Washer
S-8039	Hex Socket Capscrew - 1/2-30 x 1-1/4 (for 220 DDD)
FLX-4571	Mdl 300/350 Auger Lock Clamp Pin for Direct Drive
S-6841	Hex Socket Capscrew - 5/16"-18 x 1 1/2" (for 300 DDD)
S-6482	Hex Socket Capscrew - 5/16"-18 x 1 3/4" (for 350 DDD)
S-6483	Hex Socket Capscrew - 5/16"-18 x 2 1/2" (for 500 DDD)
FLX-4572	Mdl 300 Direct Drive Spindle
FLX-4575	Mdl 350 Direct Drive Spindle
FLX-2975	Mdl 500 Direct Drive Spindle
FLX-2316	Mdl 220 Tube Anchour Plate
FLX-2317	Mdl 300 Tube Anchour Plate
FLX-2318	Mdl 350 Tube Anchour Plate
FLX-2319	Mdl 500 Tube Anchour Plate



Complete Drive Units

Item #	Description
FLX-2458	Complete drive unit-1/3 HP (w/ gearbox)
FLX-2459	Complete drive unit-1/2 HP (w/ gearbox)
FLX-2460	Complete drive unit-3/4 HP (w/ gearbox)
FLX-2461	Complete drive unit-1 HP (w/ gearbox)
FLX-2462	Complete drive unit-1 1/2 HP (w/ gearbox)

Above come with 358 RPM gearbox (4.81:1 ratio)



Drop Kits

Item #	Description
FLX-2588	Mdl 220 Drop Kit
FLX-2589	Mdl 300 Drop Kit
FLX-2590	Mdl 350 Drop Kit
FLX-2591	Mdl 500 Drop Kit
APCD-110	Mdl 220/236 Qwik Attach Drop Kit
AP-2277	Mdl 300 Qwik Attach Drop Kit
AP-2448	Mdl 350 Qwik Attach Drop Kit



Standard



Qwik Attach

FLEX FLO AUGER PARTS & ACCESSORIES

Drive Unit Components

Item #	Description
FLX-4763	Drive Unit 1/3 HP (motor only)
FLX-4764	Drive Unit 1/2 HP (motor only)
FLX-4765	Drive Unit 3/4 HP (motor only)
FLX-4766	Drive Unit 1 HP (motor only)
FLX-2473	Drive Unit 1 1/2 HP (motor only)
FLX-4277	Gearbox - 356 RPM - 4.81:1 Ratio (standard)
FLX-4471	Gear Box Oil (15 oz); 80W-90
FLX-4275	1/3-3/4 HP Pinion Gear
FLX-4276	1-1 1/2 HP Pinion Gear
ML101435	Leeson 1/3 HP Drive Unit (motor only)
ML101436	Leeson 1/2 HP Drive Unit (motor only)
ML101437	Leeson 3/4 HP Drive Unit (motor only)
ML113302	Leeson 1 HP Drive Unit (motor only)
ML113301	Leeson 1 1/2 HP Drive Unit (motor only)
FLX4406	Gearbox - 539 RPM - 3.2:1 Ratio
FLX4405	Gearbox - 541 RPM - 3.91:1 Ratio
FLX4403	Gearbox - 250 RPM - 6.48:1 Ratio
FLX4400	Gearbox - 156 RPM - 11.1:1 Ratio

Try the new Leeson replacement drive motors
- an excellent value



Pinion Gear

Hangers

Item #	Description
HANG-G-220	Mdl 220 Hangers (galv)
HANG-G-300	Mdl 300-350 Hangers (galv)
FLX-2553	Mdl 500 Hanger

SKOV DOL 33R Proximity Switches

The DOL capacitive sensor series is designed for general detection of feed or grain. A capacitive sensor is typically used as either an "empty" or "full" indicator in feeders. This sensor has an option for delayed switch-off. When the activation stops, the time delay begins. When this delay expires, the relay switches back. Call us for more details!



Leeson drive unit

Control Units, Switches, & Parts

Item #	Description
FLX-4496	Mdl 220-300-350 Control Unit
FLX-4497	Mdl 500 Control Unit
AP-1002G	SKOV DOL 33R 220V prox w/ time delay & grommet
AP-1001G	DOL 33R 110V prox switch w/ time delay & grommet
AP-1004	Grommet only for DOL prox switch
AP-0994	Hopper Level Switch (220 V Coil)
AP-0990	Drop Tube Switch

Best Seller!



FLEX FLO AUGER PARTS & ACCESSORIES

Drop Tubes

Item #	Description
FLX-2425	Plastic Drop Tube 3" x 12ft length
FLX-2426	Plastic Telescoping Drop Tube 3.3" x 6ft length
FLX-2427	Plastic Drop Tube 3.5" x 12ft length
FLX-2428	Plastic Telescoping Drop Tube 3.9" x 6ft length
FLX-2429	Plastic Drop Tube 4.56" x 12ft length
FLX-3838	Plastic Flex Spouting 3" ID (per foot or 18ft length)
FLX-2564	Galvanized Flex Spouting 3.2" ID (per foot or 25ft length)
FLX-4278B	Drop Tube Clips (Diaper Pins)
FLX-0603	Y Drop - 3" OD Drop Tube



Y-Drop



Common Replacement Parts

Item #	Description
FLX-2017-10	Power Head Drop Spout for control unit (220-350) Black
FLX-2309	Power Head Drop Spout for control unit (500) Black
FLX-4260	Control Unit Body Assembly - (220-300-350)
FLX-4261A	Control Unit Access Door
FLX-4512	Control Unit Complete Electrical Box
S-7707	Control Unit Microswitch
G7L2A-TUBJ-AC100/120	Omron Relay DPST N.O. 110V 6 Spade
G7L2A-TUBJ-AC200/240	Omron Relay DPST N.O. 220V 6 Spade
G7L2A-BUBJ-AC100/120	Omron Relay DPST N.O. Screw Term 110V
G7L2A-BUBJ-AC200/240	Omron Relay DPST N.O. Screw Term 220V
1740	Drop Tube Microswitch - new style - replaces S-7165
FLX-3489	Drop Tube Flapper Switch Assembly
FLX-2128	Unloader Microswitch w/ Roller (Boot Switch)

Wall Seal Plates

Item #	Description
FLX-2217	Wall Seal Plate
FLX-3422	Wall Seal Gasket
BLK-11884	15 Degree Wedge
FLX-2741	Adapter Plate

POLYLAND BINS



- Corrosion free, easy to assemble
- Ideal for high-moisture grain, corn, soybean, concentrates, and feed mixtures
- Content level visible through translucent material
- Strong enough to handle concentrate materials and reduced condensation & sweating with polyethylene bins
- Bin bottom opening is sized to fit most flex auger boots
- Available in 72 cubic ft. to 302 cubic ft. sizes
- Call for more information

Rigid (Pencil) Augers & Accessories

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft
GS-415E	Utility Auger Extension w/ sleeve 4" X 15 ft
GS-420E	Utility Auger Extension w/ sleeve 4" X 20 ft
GS-611	Utility Auger 6" X 11 ft
GS-616	Utility Auger 6" X 16 ft
GS-621	Utility Auger 6" X 21 ft
GS-605E	Utility Auger Extension w/ sleeve 6" X 5 ft
GS-610E	Utility Auger Extension w/ sleeve 6" X 10 ft
GS-615E	Utility Auger Extension w/ sleeve 6" X 15 ft
GS-620E	Utility Auger Extension w/ sleeve 6" X 20 ft
RA-3036	Rigid Unloader 4"
RA-3037	Rigid Unloader 6"
RA-3071	Rigid unloader stub shaft assembly
GK3826	Rigid Auger Tube Coupler 4" w/ bolts
GK3827	Rigid Auger Tube Coupler 6" w/ bolts



BALDOR

Baldor Farm Duty Motors

Item #	Description
FDL3501M	Baldor Motor 1/3 hp 56 Fr FD
FDL3504M	Baldor Motor 1/2 hp 56 Fr FD
FDL3507M	Baldor Motor 3/4 hp 56 Fr FD
FDL3510M	Baldor Motor 1 hp 56 Fr FD
FDL3514M	Baldor Motor 1 1/2 hp 56 Fr FD
FDL3516TM	Baldor Motor 2 hp 56HZ Fr FD

Other Baldor motors are also available - call for details.

FEED PROCESSING SYSTEMS

Penner Farm Services offer a variety of feed processing systems including hammer mills, micro ingredient skids, control panels, and blower systems. Call us for information on brands offered in your area.



Farmatic Mill Screens

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft
GS-415E	Utility Auger Extension w/ sleeve 4" X 15 ft
GS-420E	Utility Auger Extension w/ sleeve 4" X 20 ft
GS-611	Utility Auger 6" X 11 ft
GS-616	Utility Auger 6" X 16 ft
GS-621	Utility Auger 6" X 21 ft
GS-605E	Utility Auger Extension w/ sleeve 6" X 5 ft
GS-610E	Utility Auger Extension w/ sleeve 6" X 10 ft
GS-615E	Utility Auger Extension w/ sleeve 6" X 15 ft
GS-620E	Utility Auger Extension w/ sleeve 6" X 20 ft
RA-3036	Rigid Unloader 4"
RA-3037	Rigid Unloader 6"
RA-3071	Rigid unloader stub shaft assembly
GK3826	Rigid Auger Tube Coupler 4" w/ bolts
GK3827	Rigid Auger Tube Coupler 6" w/ bolts



14" Mill Screen

Common Replacement Parts

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft
GS-415E	Utility Auger Extension w/ sleeve 4" X 15 ft
GS-420E	Utility Auger Extension w/ sleeve 4" X 20 ft
GS-611	Utility Auger 6" X 11 ft



Knife edge hammer set

We have a full section of replacement parts for Farmatic hammermills - call us for details.



TMR MIXERS - LUCK/NOW



Luck/Now Mixer Feeders

- Four-auger mixers feature large diameter heavy wall auger tubes for extra strength
- Bottom shear angle for the harder-to-mix rations
- Unloading chute available in any of four different positions
- A variety of scale options and various brands of electronic digital scale systems are available
- Available in stationary and trailer models
- Call us for more information.

TMR MIXERS - VALMETAL



ValMetal Four Auger Mixers

- From the planetary gear box and augers to the frame, extra strength is built into every ValMetal TMR mixer.
- Available in stationary and trailer models
- On mobile models, the discharge system features a fold-up conveyor and a hydraulically powered door to regulate the flow of feed from the tractor seat.
- On stationary models, convenient door opening system allows the operator to regulate the proper feed discharge and avoid overloading the conveying or feeding system.
- On stationary models, optional electric door opener allows for remote operation
- Call us for more information.



VALMETAL CONVEYORS



ValMetal Conveyers

- Eight different models to choose from, and loads of accessories to fit your needs
- Industrial gear box drive system designed to last longer with less maintenance
- Large diameter drive pulley offers slip-proof traction
- Reversible to convey in either direction
- Choice of belt textures and widths of 14", 18" or 24" to match your needs
- Polyester belt with PVC coating maintains flexibility in sub-zero weather for year round performance



ValMetal Supercart

- Supercart motorized feed cart is designed for durability and reduced maintenance cost
- Equipped with Honda easy-start engines as standard equipment
- Easy to replace V-belts
- Side access doors are hinge-mounted for simple service

IDEAL/WIC FEED & BEDDING HANDLING



IDEAL/WIC Feed Carts

- Designed for even distribution of silage and TMR
- Outstanding stability and easy access for maintenance
- Honda 5.5 HP, 9 HP or 11 HP engine is supported with system of rubber absorbers for less vibration during operation
- Variety of unloading options available



IDEAL/WIC Bedding Choppers

- Top performance with straw, hay, or paper
- Complete discharge control
- Constant cutting length without buildup
- Wide selection of models with gas engine, electric motor or PTO
- Simple adjustments allow you to adapt to the type of material to shred



Salmat Cages & Egg Handling

Salmat equipment is the basis for profitable production, with over 40 years of experience. All products made by Salmat undergo test of function, reliability, and efficiency prior to series production. Highly specialized manure handling equipment provides durability & low maintenance.

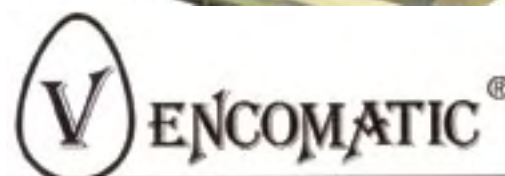
Each bird has access to two nipples, so water supply is never an issue.

Call us for more details on how Salmat systems can improve your bottom line.



Broiler Breeder Equipment

Shenandoah, Vencomatic, & Cumberland Broiler Breeder nests & egg gathering equipment produce excellent results while maximizing the environment, quality, and health of the birds. Call us for more details on choosing the right equipment to fit both your farming philosophy and also your budget.



FDI Cages & Egg Handling

Ford Dickison A-Frame Layer Cages are made of 14 gauge double dip galvanized wire mesh. The gentle egg slope reduces the number of damaged eggs, while the automated egg collection and delivery moves the eggs safely and quickly. All systems are custom built, so you get exactly the system you ask for every time.

Call us for more information on how Ford Dickison can help with your next layer project or renovation.



CUMBERLAND HI-LO POULTRY FEEDING SYSTEM

- **Cumberland 2-stage HI-LO Pan Feeding System** allows the producer to use one feeder to take birds from day old through adult.
- The HI-LO pan feeder starts on the floor, presenting a 2.1" lip. As the birds grow and the feed line is raised, the pan expands into a 3.5" deep pan.
- **Feed depth control** measures directly off the bottom of the pan, assuring all birds a consistent, even supply of feed.
- **Manufactured from a pre-flattened wire** to reduce stress, Cumberland augers come with a ten year warranty for years of reliable service.

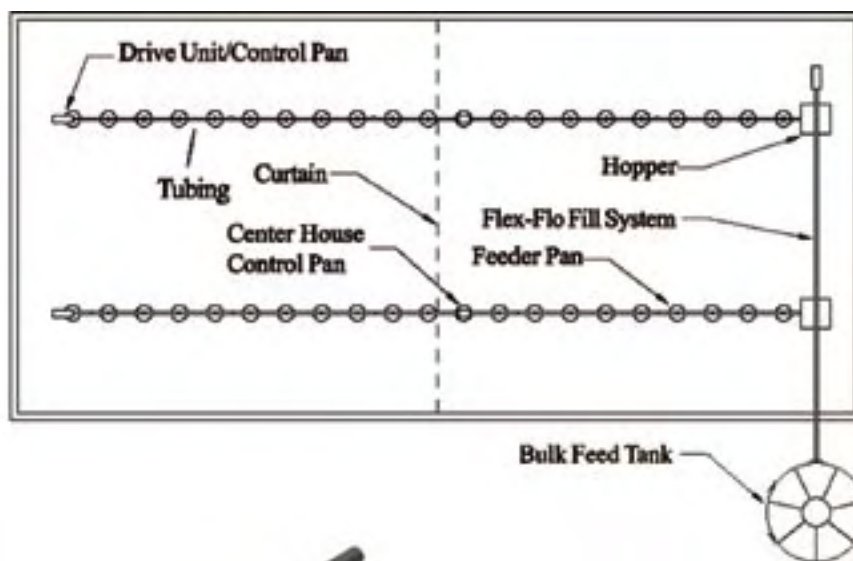


Cumberland Feed Line Tubing

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft

Cumberland Hopper Packages

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft



Cumberland Poultry Boots (Unloaders)

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft
GS-415E	Utility Auger Extension w/ sleeve 4" X 15 ft
GS-420E	Utility Auger Extension w/ sleeve 4" X 20 ft
GS-611	Utility Auger 6" X 11 ft



07098932 Anchor & Bearing



Cumberland Poultry Feed Auger

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft

Cumberland Hi-Lo Pan Assemblies

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft
GS-415E	Utility Auger Extension w/ sleeve 4" X 15 ft
GS-420E	Utility Auger Extension w/ sleeve 4" X 20 ft

Cumberland Poultry Feed Line Suspension

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft
GS-415E	Utility Auger Extension w/ sleeve 4" X 15 ft
GS-420E	Utility Auger Extension w/ sleeve 4" X 20 ft
GS-611	Utility Auger 6" X 11 ft
GS-616	Utility Auger 6" X 16 ft
GS-621	Utility Auger 6" X 21 ft
GS-605E	Utility Auger Extension w/ sleeve 6" X 5 ft
GS-610E	Utility Auger Extension w/ sleeve 6" X 10 ft

Cumberland Breeder & Pullet Pan Assemblies

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft
GS-415E	Utility Auger Extension w/ sleeve 4" X 15 ft
GS-420E	Utility Auger Extension w/ sleeve 4" X 20 ft
GS-611	Utility Auger 6" X 11 ft
GS-616	Utility Auger 6" X 16 ft

Cumberland Control Pans & Parts

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft
GS-415E	Utility Auger Extension w/ sleeve 4" X 15 ft
GS-420E	Utility Auger Extension w/ sleeve 4" X 20 ft
GS-611	Utility Auger 6" X 11 ft
GS-616	Utility Auger 6" X 16 ft
GS-621	Utility Auger 6" X 21 ft
GS-605E	Utility Auger Extension w/ sleeve 6" X 5 ft

Cumberland Auger Drive Units

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft
GS-415E	Utility Auger Extension w/ sleeve 4" X 15 ft
GS-420E	Utility Auger Extension w/ sleeve 4" X 20 ft
GS-611	Utility Auger 6" X 11 ft
GS-616	Utility Auger 6" X 16 ft
GS-621	Utility Auger 6" X 21 ft
GS-605E	Utility Auger Extension w/ sleeve 6" X 5 ft
GS-610E	Utility Auger Extension w/ sleeve 6" X 10 ft



Cumberland HI-LO VIII Pan Feeder



Cumberland Flock Shockers

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft



07097574BX4 Corner Wheel

Cumberland Chain Feed Components

Item #	Description
GS-411	Utility Auger 4" X 11 ft
GS-416	Utility Auger 4" X 16 ft
GS-421	Utility Auger 4" X 21 ft
GS-405E	Utility Auger Extension w/ sleeve 4" X 5 ft
GS-410E	Utility Auger Extension w/ sleeve 4" X 10 ft
GS-415E	Utility Auger Extension w/ sleeve 4" X 15 ft
GS-420E	Utility Auger Extension w/ sleeve 4" X 20 ft
GS-611	Utility Auger 6" X 11 ft
GS-616	Utility Auger 6" X 16 ft
GS-621	Utility Auger 6" X 21 ft
GS-605E	Utility Auger Extension w/ sleeve 6" X 5 ft
GS-610E	Utility Auger Extension w/ sleeve 6" X 10 ft

FLOORING

Barkman Concrete Hog & Cattle Slats

Made from high quality semi-dry precast concrete, Barkman hog & dairy slats offer exceptional value for your farm. Barkman Concrete has a wide selection of slat styles and sizes to meet the needs of your operation.

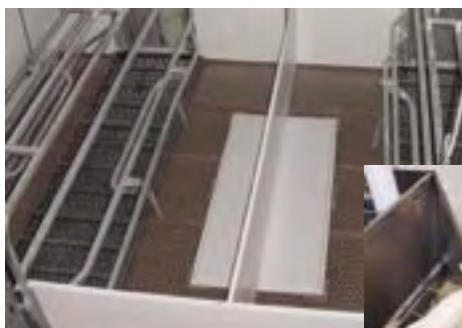
- Self-cleaning slots - providing optimal material flow through for less hang-up and easier cleaning.
- Designed for comfort and fewer injuries, the textured finish provides a natural non-slip surface for sure footing
- Call Penner Farm Services for more details on sizes & configurations



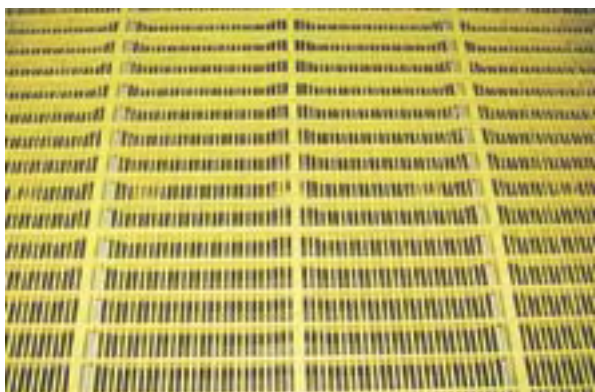
HOG FLOORING

ADA Enterprises Dura-Trac Flooring

- Since 1976, ADA plastisol coated livestock flooring remains the original and still the best solution for being easy to clean, durable, and providing excellent traction which minimizes injuries.
- Available in a range of sizes (with or without side supports) for calf pens, farrowing crates, or as weanling flooring.



Matrix Gold Nursery Flooring (for pigs up to 45 KG - 100 lbs)



- Easy waste filtration with 48% opening area
- Excellent cleanability due to V-shape rib design results in less time needed for washing



Matrix Gold Flooring Components

Item #	Description
NR 2424	Matrix Gold 24" x 24" Nursery Floor
NL 2424	Matrix Gold 24" x 24" Leading Edge Nursery Floor
NR 2418	Matrix Gold 18" x 24" Nursery Floor
NL 2418	Matrix Gold 18" x 24" Leading Edge Nursery Floor
Accessories	
FRP5xL	Fibreglass Beam 5" x length (per foot)
FRP Tube	Fibreglass Tubing 1" X 12 Ft.
BTLS	Beam Top Leg Support
BBLS	Beam Bottom Leg Support
BLK	Beam Leg Kits (set)
BEP	End Plates (Floor Mount) (each)
BWS	Beam Wear Shims
COVE	Finishing Cove (10' length)
SB	Beam Spacer Bar - Stainless Steel
CTD	Beam Spacer Bar & Tie Down Bolts - Stainless Steel
BAB	Beam Anchoring Bracket - Stainless Steel
SSFF4	SS 4" Floor Flange (for Matrix)-per foot
COVING-6	Coving SS 6" (for Matrix)-per foot (standard)
COVING-7	Coving SS 7" (for Matrix)-per foot (extra wide)

matrix ag inc.



Matrix Cast Iron Sow Flooring

- Interlocking cast iron flooring is proven to hold up long after other floors have worn through
- Available in 2 sizes - normal configuration is 2 x 28" and 1 x 34" piece for 7.5' crate

Item #	Description
CI 2428	24" x 28" Matrix Cast (4.66 sqft)
CI 2434	24" x 34" Matrix Cast (5.66 sqft)



V-BAR FLOORING



V-Bar flooring is available in supported or non-supported, and with or without Sure Foot groove. Easy to install, V-bar is frequently used under sows in farrowing crates or as slatted flooring in load-out rooms.

BSM COMFY CUSHION COW MATS



Each section of cow mat consists of two 3" diameter tubes containing rubber particles. These tubes are then connected by a 6" wide piece of polypropylene. When installed, this gap between each pair of tubes is filled with two tubes from overlapping sections, thus creating the interlocking effect that prevents shifting and may span any size of stall row.

- Adjusts easily to fit any stall size.
- Interlocking effect prevents the mattress from shifting.
- Mattress is made of tough, water-resistant woven polypropylene and has a durable cover of poly overlay which is liquid permeable.
- Reduces the amount of bedding you need to use.
- Hold down strip is designed so liquids will escape underneath, instead of collecting in front.
- Rubber filled cow mats are made of recycled material.



KRAIBURG COW MATS

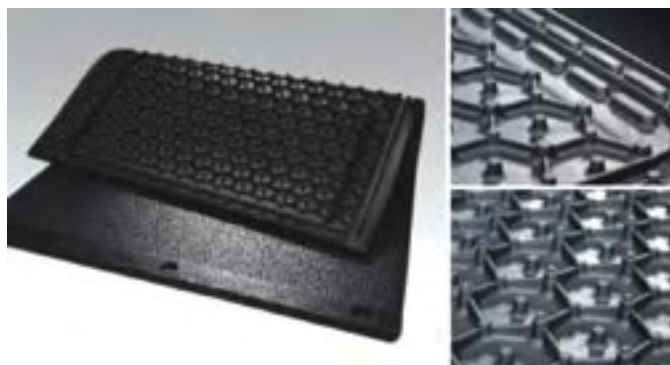
Item #	Description
CI 2428	24" x 28" Matrix Cast (4.66 sqft)
CI 2434	24" x 34" Matrix Cast (5.66 sqft)

Kraiburg KSL Mats

- An affordable solution to cow comfort needs
- Surface - Hammered Pebble
- Support - studs of different diameter & height
- Rear 1/3 of the mat slopes down for drainage
- More comfortable than conventional rubber mats, more durable than EVA
- Simple to install
- For use in free stall, stanchion, or tie stall barns
- Available with straight or interlocking sides



Kraiburg KSL Mat



Kraiburg KKM Mat

Kraiburg KKM Mats

- Aggressive interlocking cut provides a nearly seamless surface
- Surface - Hammered Pebble
- Support - Unique 'honeycomb' pattern constructed of virgin material for resilience and wear resistance
- Rear 1/3 of the mat slopes downward for better drainage
- Unique moisture seal around the rear to reduce liquid build up
- Integrated fixing points
- Simple to install
- For use in free stall, stanchion, or tie stall barns
- Available with straight or interlocking sides
- Innovative moisture seal in the rear of the mat prevents liquid build up

Item #	Description
CI 2428	24" x 28" Matrix Cast (4.66 sqft)
CI 2434	24" x 34" Matrix Cast (5.66 sqft)



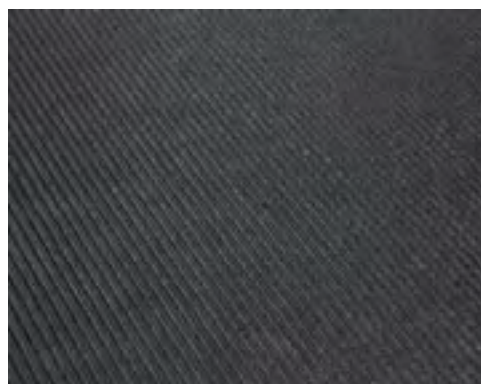
Kraiburg SoftBed

- Softer Bed with Lower Bedding Maintenance Costs
- Matting in Rolls Form a Waterproof, Non-Porous Top Layer
- Substantial Improvement in Hygiene Compared to other Mattresses
- Easy to Clean Anti-Slip Surface
- Foam Underlay Provides Long Lasting Comfort
- Designed to Meet the Needs of Your Cows
- The SoftBed System consists of:
 - A continuous top cover for a waterproof, non-porous surface
 - Foam underlayment for softness
 - A unique liquid barrier



Kraiburg Cirrus Mats

- Interlocking joints provide a secure fit and natural expansion joint to hold the mats securely in place
- Available in a variety of sizes
- 3/4" overall thickness
- Ultra-grip surface
- Ribbed underside
- Traction and softness in alleys, holding areas, and parlors
- Use in any area, even those cleaned by skid loader



Item #	Description
CI 2428	24" x 28" Matrix Cast (4.66 sqft)
CI 2434	24" x 34" Matrix Cast (5.66 sqft)

PROMAT PASTURE MAT

Pasture Mat provides a stall surface that is resilient - matching natural turfgrass - without the bounce or sponginess of artificial materials. It provides a firm footing for your cows with no pillowing inwards and is an ideal surface for bedding materials such as chopped straw, wood shavings or sawdust.

Installation of Pasture Mat System provides the ideal indoor surface for your cows' comfort - as close to natural turf as you can get. Pasture Mat reliably absorbs the shock repeated impacts and eliminates the risk of injury to even the heaviest cow.

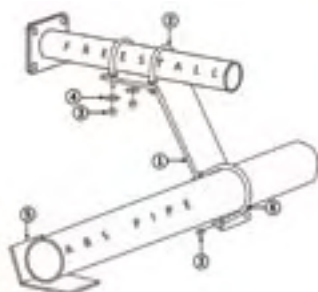
Pasture Mat® Poly Pillow™



DAIRY STALLS & PENNING

BSM Suspended Free Stalls

- Open concept design resulting in elevated comfort levels.
- Greater space between the pipes to minimize headswinging restrictions.
- Large lower opening does not interfere with curb hip when lying down, bruising is prevented.
- Headrail installed at 48", therefore cow does not damage top of shoulder as she tries to stand.
- Maximizes forward mobility space.
- Plate mounted for increased strength and durability.
- Freestalls made of heavy duty 2-3/8"OD tube and hot dipped galvanized for longevity.
- Fully adjustable neckrail and brisket bracket.
- Heavy duty 3-1/2" post with gusset for increased strength.
- Freestalls also available in calf and heifer models (1-5/8"OD pipe).

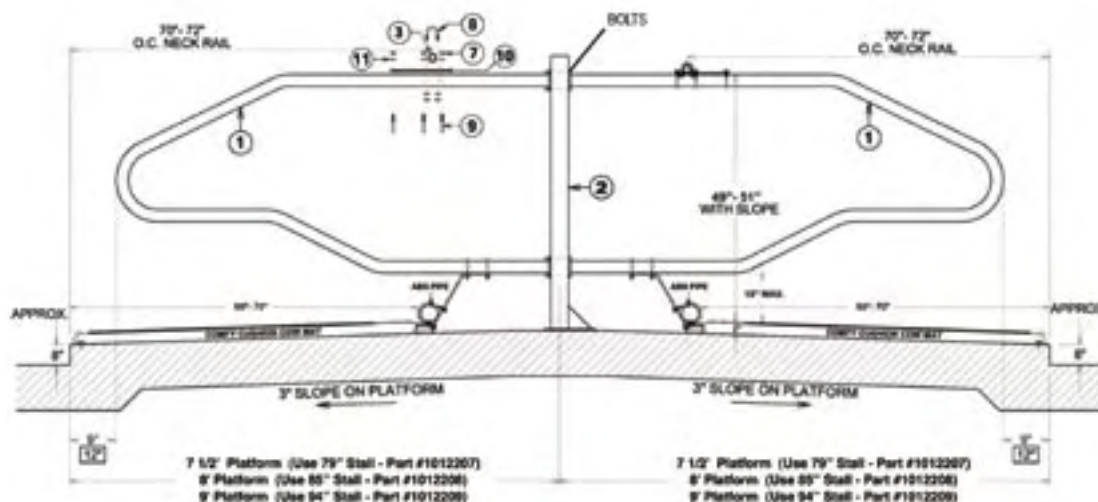


BSM Suspended Freestalls

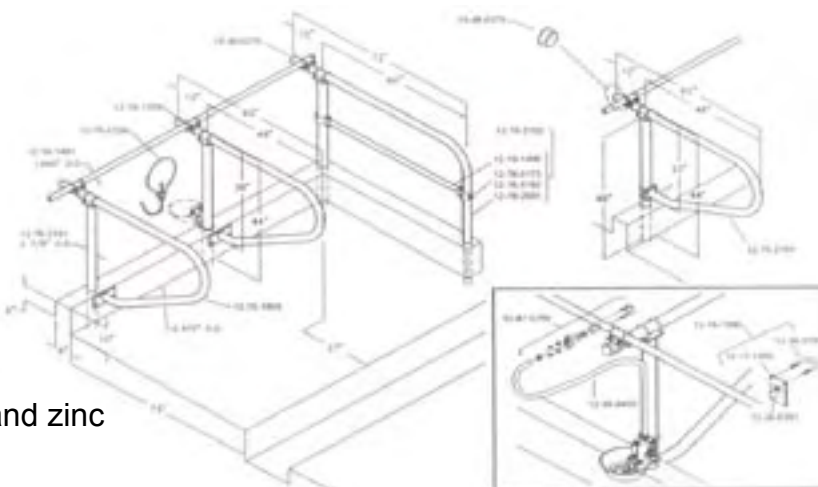
Item #	Description	Picture
1012207	BSM 79.5" Freestall (5"PL)(39"H)	1
1012208	BSM 85" Freestall (5"PL)(39"H)	1
1012209	BSM 94" Freestall (5"PL)(30H)	1
1012491	BSM post 56" (3.5"OD 150W)-bolt down	2
1012790	BSM post 64" (3.5"O150W)-cement-in	NS
GP21114	Galvanized Pipe 1-1/4" (1-5/8" OD)	3
101169-10	Heavy Duty x-over clamp (U-bolt) 2-3/8" x 1-5/8"	7-11

Brisket Bracket Assembly

Item #	Description	Picture
1012565-5	BSM brisket Bracket (4" wide) w/ U-bolts	1-4
1012568-5	BSM mid-support for 3-1/2" OD ABS pipe w/ hardware	3,5,6
AP3	ABS Pipe - 3" ID x 12 ft length (3-1/2" OD)	ABS Pipe



HOULE TIE STALLS



Houle H-2000 tie stalls - galvanized and zinc painted on welding



Houle H-2000 Tie Stalls

Item #	Description
12-76-1809	H-2000 Partition 38" x 60" bolted on concrete curb
12-76-2101	H-2000 Partition 38" x 60" bolted on 2-7/8" OD post
12-76-2102	H-2000 end partition 48" x 72"
12-76-2151	2-7/8" OD x 48" post w/ u-bolts
12-76-1359	1-1/4" head rail clamp for free stall 2-3/8" OD
12-76-0186	1/4" chain clamp on 1-1/4" pipe
12-76-2229	Houle H-2000 neck chain kit

Self-Locking Feed Front Features:

- Auto & manual panic release.
- Lock out position.
- Auto lock training position.
- Auto lock locking position.
- Auto release feeding position.
- Keep or release one animal at a time.
- Up to 100' of Self Lock can be attached on one handle.
- Available in:
 - 8', 10' & 12' sections for cows
 - 8', 10' & 12' adjustable sections for heifers
 - 6', 7 1/2' & 9' sections for calves



Auto Release Self Locking Feed Front



BSM Feed Fronts



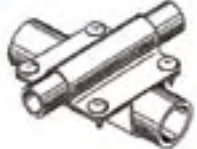
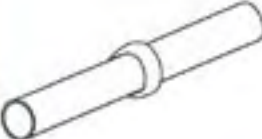
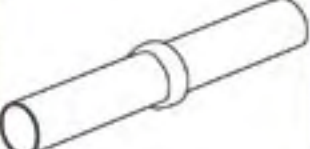
Angled Feed Front Features:

- Designed to reduce feed wastage.
- In order to back out of the angled feed front, the cow must turn its head sideways, making it difficult for the animal to pull feed through the openings into the pen.
- Uprights are clamped, therefore the neck openings can be easily adjusted to the exact size required.



Angled Feed Front

BSM CLAMPS & JOINERS

101110E-10 T-CLAMP 1 1/4" X 1 1/4" (BOX OF 10) 	101120G-10 T-CLAMP 1 1/16" X 1 5/8" (BOX OF 10) 	101130-C CORNER CLAMP - 1 5/8" 	101140H-10 WALL FLANGE CLAMP - 1 5/8" (BOX OF 10) 
101150D-5 2-WAY THRU CLAMP - 1 5/8" (BOX OF 5) 	101180-B 3-WAY CLAMP - 1 5/8" 	101170-I 4-WAY CLAMP - 1 5/8" 	101165-10 2 PC. X-OVER CLAMP - 1 5/8" (BOX OF 10) 
101166-10 X-OVER CLAMP - 1 5/8" X 2 3/8" (BOX OF 10) 	101167-10 X-OVER CLAMP - 2 3/8" (BOX OF 10) 	2070994-20 X-OVER 7/8" X 1 1/16" OD (BOX OF 20) 	101190U-10 2-BOLT HEADRAIL CLAMP (BOX OF 10) 
101195U-10 1 BOLT HEADRAIL CLAMP (BOX OF 10) 	101175-1PK 2 3/8" OD T-CLAMP (1 BOLT) (BOX OF 10) 	101175-3PK 2 3/8" OD T-CLAMP (3 BOLTS) (BOX OF 10) 	101175-CPK 2 3/8" OD CORNER (1 BOLT) (BOX OF 10) 
1011540-10 X-OVER 3.5" X 2 3/8" BX/10 	101169-10 HD X-OVER (U-BOLT) 2 3/8" X 1 5/8" (BOX OF 10) 	1110401-5 HEADRAIL JOINER / 1 5/8" OD PIPE (BOX OF 5) 	1110477-5 HEADRAIL JOINER / 2 3/8" OD PIPE (BOX OF 5) 

BSM COMFY CALF SUITES



- No more feeding calves outside. Comfy Calf Suites makes feeding easier for you.
- Calves are easier to see in the Comfy Calf Suites compared to enclosed shelters.
- Better air quality improves the health of your calves.
- Plastic dividers isolate each calf, keeping your calves healthy.
- Dividers remove quickly and easily when required. Cleaning is simple and removal of dividers makes group penning an option as your calves mature.
- Available in various sizes and with various options to suit your requirements.

POLYDOME CALF HUTCHES



Square Calf Nursery



Round Calf Nursery

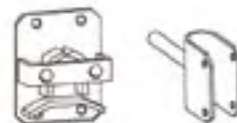
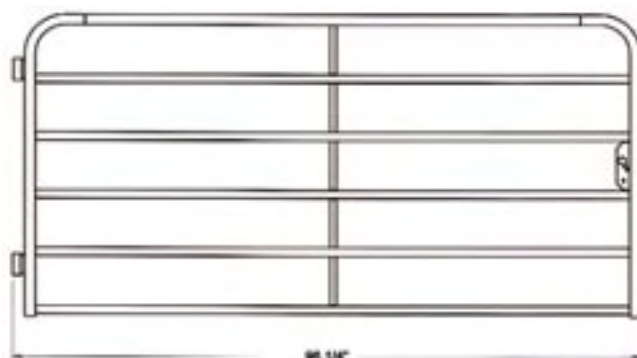
- Made from high-impact UV stabilized polyethylene
- 86" Diameter x 60" high (round); 5' Wide x 6'6" long (square)
- Weighs approximately 100 pounds
- Stackable
- Easy cleaning
- Easy access bottle holder
- Bucket holder with 2 5-quart buckets
- One rod to hold bucket holder in place
- Centre adjustable flow vent

BSM SELECT LINE GATES

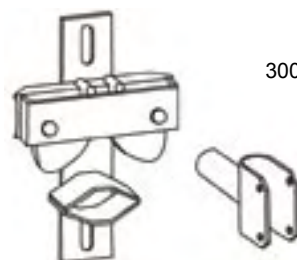


- **Exclusive clamp-on ends with option of trimming gate to exact size required on site.**
- **Various lengths available.**
- **Heavy-duty construction ensures years of trouble free service.**
- **Hot dipped galvanized for increased durability.**
- **Gate Options: 5-Bar Gates; 6-Bar Gates; 2-Bar Alley Gates; Flip-over Gates; Parlour Gates**
- **Latch Options: Heavy duty self-catching latch; Clamp-on spring loaded latch; Chain latch; Double pin**

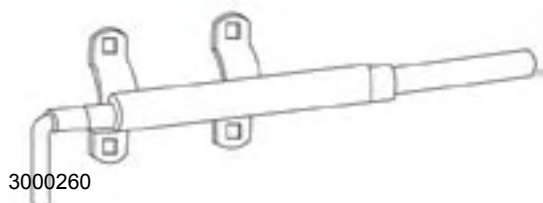
Item #	Description	Picture
534-159	PEL Super "W" (wood post) insulator PI 85 (PKG 25)	1
534-155	PEL "W" (wood post) insulator PI 83 (PKG 25)	2
150-030	Screw-in ring insulator KO45 (PKG 25)	3
150-070	Dare Black Widow Insulator BW-RS-25 (PKG 25)	4
150-080	Dare Snug 1728 Wood Post Insulator - 1" from post (PKG 25)	5
150-090	Dare Snug Super Wood Post Insulator - 2" from post (PKG 25)	6
150-100	Dare Woodex Wood Post Insulator Extender w/ nails - 3" from post (PKG 10)	n/s
534-607	PEL Insulator w/ hook (white) (PKG 10)	7
150-060	Dare Pinlock Wood Post Insulator w/ nails (PKG 25)	8
534-153	PEL Pinlock Wood Post Insulator w/ nails PI81 (PKG 25)	n/s
150-400	Dare Double U Fencing Insulator (PKG 10)	9
150-400	Dare Double U Fencing Insulator (PKG 10)	n/s
150-330	Dare WESTERN Screw-tight round post insulator 1/4-9/16 (PKG 25)	n/s
150-240	Dare Snug Super T Post Insulator 1.25" T posts (PKG 25)	n/s



For use with short gates only & smaller animals
3000270



3000250



3000260

Fencing Wire Insulators

Item #	Description	Picture
534-159	PEL Super "W" (wood post) insulator PI 85 (PKG 25)	1
534-155	PEL "W" (wood post) insulator PI 83 (PKG 25)	2
150-030	Screw-in ring insulator KO45 (PKG 25)	3
150-070	Dare Black Widow Insulator BW-RS-25 (PKG 25)	4
150-080	Dare Snug 1728 Wood Post Insulator - 1" from post (PKG 25)	5
150-090	Dare Snug Super Wood Post Insulator - 2" from post (PKG 25)	6
150-100	Dare Woodex Wood Post Insulator Extender w/ nails - 3" from post (PKG 10)	n/s
534-607	PEL Insulator w/ hook (white) (PKG 10)	7
150-060	Dare Pinlock Wood Post Insulator w/ nails (PKG 25)	8
534-153	PEL Pinlock Wood Post Insulator w/ nails PI81 (PKG 25)	n/s
150-400	Dare Double U Fencing Insulator (PKG 10)	9
150-400	Dare Double U Fencing Insulator (PKG 10)	n/s
150-330	Dare WESTERN Screw-tight round post insulator 1/4-9/16 (PKG 25)	n/s
150-240	Dare Snug Super T Post Insulator 1.25" T posts (PKG 25)	n/s



1

2



3

4



5

6

7

8

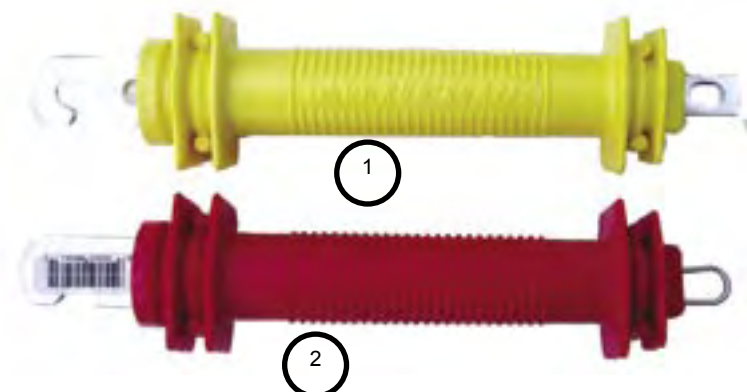
9

Gate Handles

Item #	Description	Picture
180-221	Rubber Gate Handle - Yellow	1
180-220	Handle Plastic Gate - Red	2
534-303	Pel Gate Break Handle Black	3
534-305	Pel Gate Break Handle Red	n/s
534-307	Pel Gate Break Handle White	n/s

Fence Posts

Item #	Description
EFP	Steel fence post 3/8" x 48" (bundle of 10)
120-200	Dare Step In Fibreglass fence post 48"



1

2



3

Fencing Wire & Strainers

Item #	Description
EF-14GA-1320	Electric fence wire 14 gauge 1320'
EF-16GA-1250	Electric fence wire 16 gauge 1320'
DBW125-14	Double Barbed 12-1/2 gauge 1/4 mi fence wire
DBW15-14	Double Barbed HT 15 gauge 1/4 mi fence wire
110-110	Baygard fence wire 200 m (656 ft) black/yellow
110-150	Baygard fencing tape 100 m (328 ft) black/yellow
110-160	Baygard fencing tape 200 m (656 ft) black/yellow
534-601	PEL inline wire fence strainer
534-605	PEL inline wire fence strainer w/ spring
534-253	Pel Electric Fence Warning Sign



110-160 - Baygard Fencing Tape



534-605 Inline fence strainer w/ spring



534-253 Warning Sign



534-601 Inline fence strainer



Farm Fence (Page Wire)

Item #	Description
832-6-12.5	Farm Fence 32" x 330ft
939-6-12.5	Farm Fence 39" x 330ft
1047-6-12.5	Farm Fence 47" x 330ft
1155-6-12.5	Farm Fence 55" x 330ft

Electric Fencers



Item #	Description	Length (miles/KM)	Output	Stored
082-100	SS V Spitfire Fencer	5/8	0.5	0.5
534-021	PEL Power-PEL 205	5/8	0.5	0.7
534-023	PEL Power-PEL 215	9/14	1.5	2.0
534-025	PEL Power-PEL 230	18/29	3.0	4.2
534-027	PEL Power-PEL 450	31/49	5.0	7.3
534-007	PEL Battery-PEL 210B (battery)	6/10	1.1	2.2
534-009	PEL Battery-PEL 220B (battery)	12/20	1.1	2.2

Length ratings are under ideal conditions
Output/Stored ratings are in Joules

CORRAL GATES & PANELS

(Selection may vary by Location)



Corral Panel



Corral Gate



Walkthru Panel

Corral Panels

Item #	Size
PANELP-06	6ft Panel
PANELP-08	8ft Panel
PANELP-10	10ft Panel
PANELP-12	12ft Panel
PANELP-14	14ft Panel
PANELP-16	16ft Panel

Painted Blue 1" Square Tubing

Corral Panels

Item #	Size
GATEP-04	4ft Gate
GATEP-06	6ft Gate
GATEP-08	8ft Gate
GATEP-10	10ft Gate
GATEP-12	12ft Gate
GATEP-14	14ft Gate
GATEP-16	16ft Gate

Painted Blue 1" Square Tubing

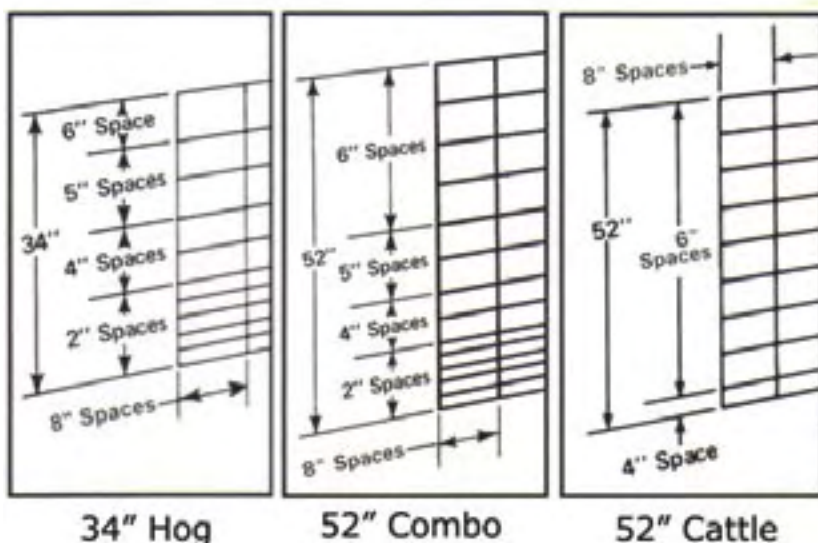
Walkthru Panel

Item #	Size
GATEWTP-04	4ft Walkthru
GATEWTP-06	6ft Walkthru
GATEWTP-08	8ft Walkthru
GATEWTP-10	10ft Walkthru
GATEWTP-12	12ft Walkthru
GATEWTP-14	14ft Walkthru
GATEWTP-16	16ft Walkthru

Painted Blue 1" Square Tubing

Galvanized Panels

Item #	Description
33150979	Galv Hog Panel 34" x 16 ft
33150999	Galv Combination Panel 52" x 16 ft
33150739	Galv Cattle Panel 52" x 16 ft



BSM TIP WATER TROUGHS

BSM Tip Water Troughs

Item #	Description
1600048PK	BSM 48" galvanized trough & guard
1600072PK	GSM 72" galvanized trough & guard
1600096PK	BSM 96" galvanized trough & guard
1601072PK	BSM 72" SS trough & guard



All your cows should have access to fresh water after being milked to maximize water intake. With BSM tip trough your cows can have easy access to clean drinking water to keep them healthier and give more milk.



Stock Tanks - Galvanized

Item #	Description (W x H x L)
50130018	2x2x3 Galv Tank - 71 USG
50130028	2x2x4 Galv Tank - 103 USG
50130038	2x2x5 Galv Tank - 134 USG
50130048	2x2x6 Galv Tank - 169
50130058	2x2x8 Galv Tank - 224
50130088	2x2x8 Galv Tank - 294
50130098	3x2x10 Galv Tank - 377

Stock Tanks - Poly

Item #	Description (W x H x L)
52112017	2x2x4 Poly Tank Round End
52112038	2x2x3 Poly Tank - 65 USG
52112048	2x2x4 Poly Tank - 100 USG
52112058	2x2x5 Poly Tank - 140 USG
52112027	2x2x6 Poly Tank - 150 USG
52112187	3x2x8 Poly Tank - 300 USG

We carry a variety of sizes of both poly (plastic) and galvanized steel water tanks. Call us for more information if you don't see the size you need listed.



RBFEEDU



RBFEEDCS



GFEED11

Cattle Feeders

Item #	Size
RBFEEDCS	Round Bale Feeder Cone-Style Skirted
RBFEEDS	Round Bale Feeder Skirted
RBFEEDU	Round Bale Feeder Unskirted
RFEEDS	Round Bale Feeder Tombstone Skirted
TFEEDU	Round Bale Feeder Tombstone Unskirted
GFEED11	Grain Feeder Bunk 11ft (plastic)
BUNKFEED	Bunk Feeder Steel 28" x 8" x 10ft
BUNKGR	Hi Qual Bunk Feeder Steel 11-1/2 ft

HOG CREEP FEEDERS

Creep Feeders

Item #	Description	Picture
HAWKCF	Hawkeye Creep Feeders	1
1505750	Rotecna Tecna pan creep feeder w/ J-bolt	2
96063	Egebjerg round plastic creep feed pan-39 CM dia.	3
KMF-3	Kane milk replacement feeder (pink) 2.5 USG/9 L	4
KCT-HD	Kane Creep Tray - Heavy Duty	5
RN2842P	Rubber Creep Mat - (28" x 42")	NS
AP-2206	Creep Pad w/ Feed Saver Lip (28.5" x 40")	NS



Nursery Feeders

Item #	Description	Picture
1509947	MS Click Pan Feeder w/ Hopper	1
MAXTA01	Maxitainer-24 L liquid container	2
1509948	MS Click Pan Feeder w/o Hopper	3
305HDF	Nursery Feeder w/ Frame 5 hole 30" Dbl (SS)	4
305HSF	Nursery Feeder w/ Frame 5 hole 30" Sgl (SS)	NS
6010HDF	Nursery Feeder w/ Frame 10 hole 60" Dbl (SS)	NS



Rotecna Pan Feeder & Maxitainer

If you're looking for an easy way to supply your pigs with a liquid milk replacer or medication without having dedicated feeders, then the Maxitainer is the answer. It holds 24 Litres (7 USG) of liquid and fits right on top of the Rotecna Pan Feeder - so once you're done with the liquid, you can go right back to dry feed. Try one today!

HOG FINISHING FEEDERS & FEED CARTS

Finisher Feeders (Wet-Dry)

Item #	Description
MA2000S	Echberg Finish Maximat Dbl. SS Frame
89504	TUBE-O-MAT Finisher tube feeder
89683	TUBE-O-MAT Jumbo Finisher tube feeder (dbl)
89568	TUBE-O-MAT Finisher hopper feeder
89648	TUBE-O-MAT Jumbo Finisher hopper feeder (dbl)
F3250	Crystal Spring 2 Space Wet/Dry 2-side Finisher Feeder



TUBE-O-MAT Hopper Feeder



Crystal Springs Feeder



TUBE-O-MAT Tube Feeder



Echberg Maximat Feeder

Feed Carts & Accessories

Item #	Description
CRT-FEC-400-004	Koender's 6.5 bushel Feed Cart
FCBA	Better Air 5 Bushel Feed Cart - Blue Plastic
FC10	Metal 10 Bushel Feed Cart - Painted Blue
FC6	Metal 6.5 Bushel Feed Cart - Painted Blue
AP-CC5	AP Chore Cart 4.5 Bushel
AP-CCVT	AP Vet Tray for Chore Cart
DT6-RED	Plastic Duratote Red



AP Chore Cart (Plastic Duratote not included)



AP Vet Tray



Koenders Feed Cart



Plastic Duratote



Better Air Feed Cart



Metal 10 Bushel Feed Cart

Feed Scoops

Item #	Description	Picture
BA-SCOOP-L	Better Air Plastic feed scoop (Large-4QT)	1
BA-SCOOP-S	Better Air Plastic feed scoop (Small-2QT)	2
2QT	Galvanized feed scoop-2 QT	3
4QT	Galvanized feed scoop-4 QT	3
6QT	Galvanized feed scoop-6 QT	3
KE4250 red	Red plastic feed scoop 2 quart	4
KE4250 blue	Blue plastic feed scoop 2 quart	4
KE4250 green	Green plastic feed scoop 2 quart	4
KE4260	Galvanized Scale Scoop - 4 QT	5



Tired of guessing how much feed you're supplying? Try the scale scoop today, and feed more accurately.

PVC PLANKING

- Tired of breaking your back replacing concrete penning? Try AP virgin PVC vinyl penning as an alternative. Easier to maintain & more flexible than concrete.
- Smooth surface results in fewer injuries and easier cleaning
- Available in a variety of sizes for all sizes of hogs

Creep Plank

Item #	Description
CP7820-15	PVC Plank 7/8" x 20" x 15 ft (AP)
CP7820-1P	PVC Plank 7/8" x 20" x 21 ft (AP)
CP7820-24	PVC Plank 7/8" x 20" x 24 ft (AP)



7/8" PVC Accessories

Item #	Description
CFU20	PVC U-channel 7/8" x 240"
CFC20	PVC Corner channel 7/8" x 240"
CFHC20	PVC H-channel 7/8" x 240"
CFH20	PVC Bullnose 7/8" x 240" (closed hinge)
CFDR20	PVC Drop rod 1/2" x 240" (gate pin)

7/8" SS Accessories

Item #	Description
HMHB	Heat mat hold-down w/ bolt (SS)
12GAR	SS 20" corner support w/ tab 12 Gauge-RIGHT
12GAL	SS 20" corner support w/ tab 12 Gauge-LEFT
20SP	SS Stiffener 20" w/ pin
30-801012-1034	Screw self-drilling-SS-#10 x 3/4"
5000-313	Hex Head Bolt-SS-1/4-20 x 1-1/2"-UNC
5034-014	Nylon Lock Nut-SS-1/4-20-UNC

Wall Plank (1.75" Thick x 32" wide)

Item #	Description
WP17532-20	1.75" x 32" x 20' Tongue & Groove Plank
WP17532-24	1.75" x 32" x 24' Tongue & Groove Plank
WP175UC-1P	1.75" x 240" PVC U-Channel
WP175CB-1P	1.75" PVC Ceiling Base Channel (only) 20'
WP175PL-1P	1.75" PVC Pivot Leg Channel (only) 10'
17532BN	1.75" x 32" SS bullnose (notched)

Nursery Plank (1-1/2" thick)

Item #	Description
NP1530-15	1 1/2" X 30" X 15' PVC Plank
NP1530-20	1 1/2" X 30" X 20' PVC Plank
NP1530-21	1 1/2" X 30" X 21' PVC Plank
NP1530-24	1 1/2" X 30" X 24' PVC Plank
NFHC20	1 1/2" X 240" H-Connector
NFU20	1 1/2" X 240" U-Channel (High)
NFH20	1 1/2" X 240" Hinge (Bullnose)
NFC20	1 1/2" X 240" Corner Channel
NFDR20	5/8 x 240" PVC Drop Rod

SS Accessories & Bolts

Item #	Description
112306L	30" SS 6- Loop Post
112306LB	30" SS 6- Loop Post with base
11230UC	30" SS Wall U-Channels
11230DUC	30" SS Double U-Channel Post
112303LW	30" SS 3- Loop Wall Brackets
11230SWP	30" Stiffner w/ Pin
11230SB	30" Stiffner Backplate
11230B	1 1/2" x 30" SS Bullnose (no notches)
11232B	1 1/2" x 32" SS Bullnose (no notches)
5000-316	Hex Head Bolt-SS-1/4-20 x 2"-UNC
5034-014	Nylon Lock Nut-SS-1/4-20-UNC

2" SS Accessories

Item #	Description
5000-318	Hex Head Bolt-SS-1/4-20 x 2-1/2"-UNC
2034-014	Nylon Lock Nut-SS-1/4-20-UNC
232BN	SS Bullnose 2" x 32" (notched)
238BN	SS Bullnose 2" x 38" (notched)
24214GA6L	SS 6-loop U-channel post 42" (14 gauge-no plate)
24212GA6L	SS 6-loop U-channel post 42" HD (12 gauge-no plate)
242SQ6L	SS HD square post 6-loop 42" (no plate)
242DUC	SS double U-channel post 42" (no plate)
242UC	SS U-channel post 42" HD (no plate)
23814GA6LB	SS 6-loop U-channel post 38" w/ plate (14 Gauge)
23812GA6LB	SS 6-loop U-channel post 38" w/ plate (12 Gauge)
238DUCB	SS double U-channel post 38" w/ plate
238UCB	SS U-channel post 38" w/ plate
238WUC	SS wall U-channel post 38"
2383LW	SS 3-loop wall bracket 38"

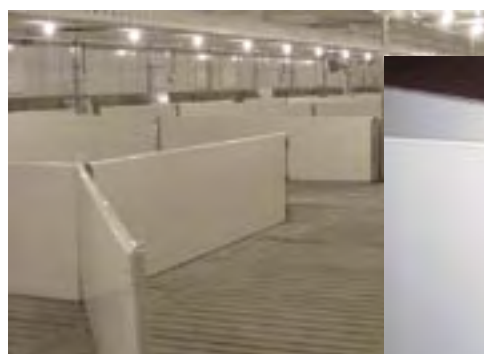


1.5" thick nursery penning



Finishing Plank (2" thick)

Item #	Description
FP2820-1P	PVC Plank 2" x 8" X 20 ft tongue & groove plank
FP2821-1P	PVC Plank 2" x 8" X 21 ft tongue & groove plank
FP2824-1P	PVC Plank 2" x 8" X 24 ft tongue & groove plank
FP238-20	PVC Plank 2" x 38" X 20 ft
FP238-21	PVC Plank 2" x 38" X 21 ft
FP238-24	PVC Plank 2" x 38" X 24 ft
FP238-25	PVC Plank 2" x 38" X 25 ft
FFU20	PVC U-channel 2" x 240"
FFHC20	PVC H-channel 2" X 240"
FP2DRE-1P	PVC AP thick-wall Bullnose 2" x 20 ft (closed hinge)
FP34DR-1P	PVC AP hollow core drop rod 3/4" X 20 ft (gate pin)
FFH20	PVC thin-wall bullnose 2" x 240" (closed hinge)
FFDR20	PVC solid core drop rod 3/4" x 240" (gate pin)



2" thick finisher penning



SS Bullnose with
1.75" x 32" plank gates

2" SS Accessories (cont'd)

Item #	Description
238B	SS base plate for 38" post (5" x 6")
238S	SS 38" strengthening Inserts (for 42" post)
236SFPC	SS 36" feeder post cap insert w/ 3-loops (for U-channel)
2228FS	SS U-channel 2" x 2" x 2" x 8" (floor stiffeners)
218WFI	SS wall flat iron 2" x 18"
226WFI	SS wall flat iron 2" x 26"

GESTATION STALLS & FARROWING CRATES

Penner Farm Services carry a wide variety of gestation stalls & farrowing crates from some of the biggest manufacturers in the business.

We can custom-order any of them to fit your exact needs. Call us today for more information!



KPD



KPP

Piglet Containment

Item #	Description
KPD	Large White Piggy Deck - 67" W X 42" Deep X 34" High
KPP	Small Pink Piggy Deck - 63" W x 32" Deep x 30" High



SE1648KDS



SE2036SCPC

Hog Scales & Scale Heads

Item #	Description
SE1648PHS	Sierens Portable Hog Scale - 16" x 4' long
SE1660PHS	Sierens Portable Hog Scale - 16" x 5' long
SEPR250	Reliable Electronic Scale Head (PR-25)
DETECTO-KG	Detecto Dial Scale Head (200 KGs)
DETECTO-LB	Detecto Dial Scale Head (400 lbs)

SORTING SCALES

Sierens Sort Master Gen II



Gen II Stainless Steel



Gen II Powder Coated

Standard features:

- Remote monitoring and configuration software "Sort Ware"
- "Reliable Scale" scale system
- Robust construction
- 2 level alarm system
- Identifies 5 weight ranges
- Easy exit air
- Locking gates
- Fail safe system default
- Nylon bushings at all wear points
- 2 or 3 pen destination
- Available in Stainless Steel or Powder Coated



Sierens



Safety Release Gate

Fast II Sorter



Benefits of automatic sorting scales:

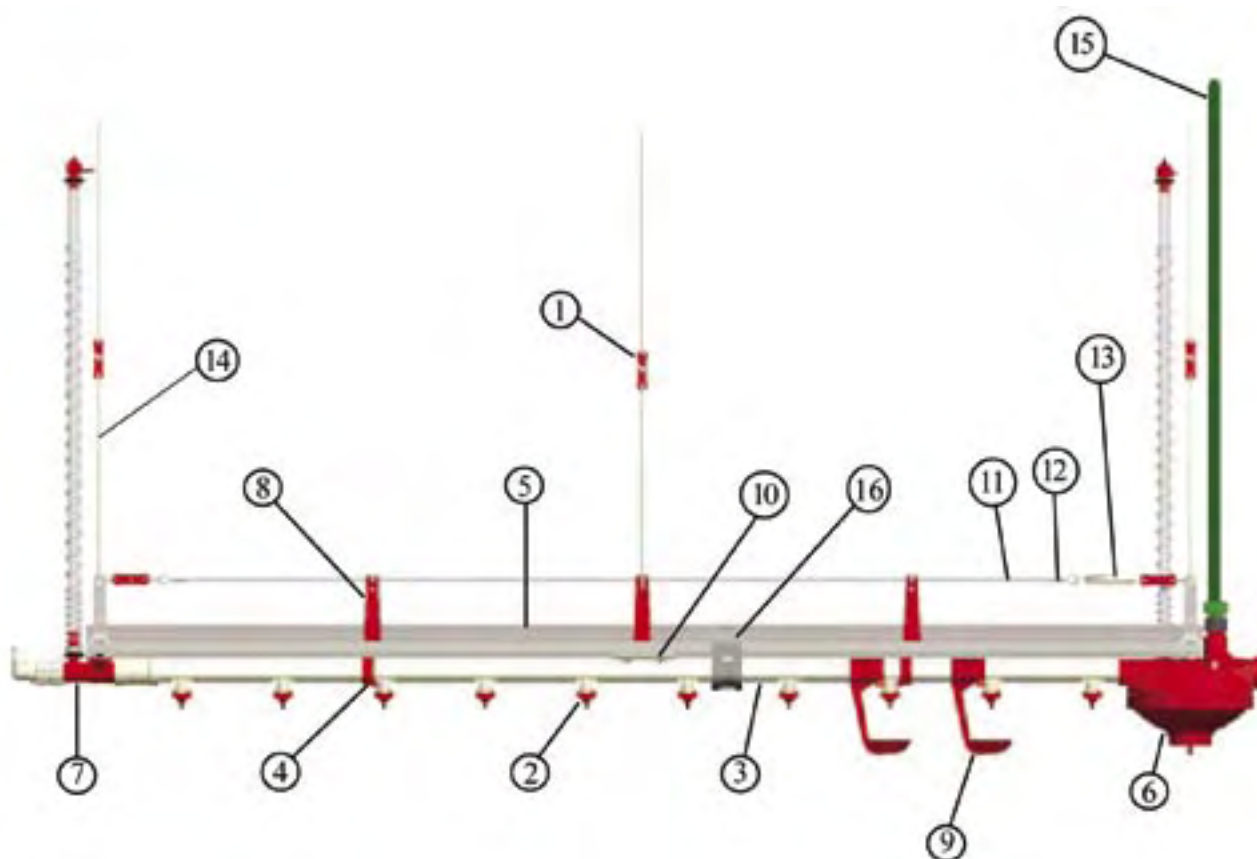
- Sell more uniform pigs
- Sell more pounds of pork
- Feed pigs according to weight
- Utilize space better
- Improve meat quality
- Move pigs easier
- Reduce pig stress
- Reduce sorting and loading labour
- Spend less time washing gates and trucks

"FAST II™ (Farmweld Automatic Sorting Technology) is more than a sorting scale. It is an advanced sorting and management system that incorporates many innovative features to enhance training, simplify split-weight feeding and efficiently select the heaviest pigs for market.

FAST II's flip-up console, with its easy-to-read display screen, provides a detailed view of what's happening in the barn and allows operators to record inventory information. The console can also be mounted in a remote location."



CUMBERLAND POULTRY WATERING SYSTEM

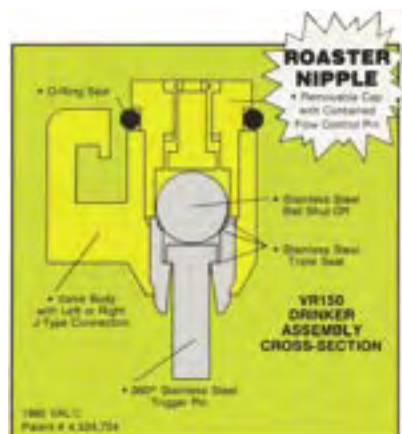


Key	Item #	Description
1	CW-2003	Water Line Cord Adjuster
2	CW-9035T	Stainless Drinker Valve-Red Cap
3	CW-6000-6T	Replacement Pipe 6" center pipe only
3	CW-6000-8T	Replacement Pipe 8" center pipe only
3	CW-6000-10T	Replacement Pipe 10" center pipe only
3	CW-6000-12T	Replacement Pipe 12" center pipe only
3	CW-6000-15T	Replacement Pipe 15" center pipe only
4	CW-3051	C-Hanger for Aluminum Rail
5	CW-9225	Aluminum Support Rail
6	CW-3030	Regulator Kit w/Accessories
7	CW-9500	End Kit Assembly
8	CW-9227	Hanger Clip (hols alum. rail to cable)
9	CW-9015	Drink Cup
10	CW-9223	Joint Connector Assembly
11	235025000	Cable galvanized 1/16" (aircraft cable)
12	CW-2007	Aluminum Nico Sleeves - 1/16"
13	CW-5031	Spring SS 3" OAL x .418 OD
14	235030207	Rope nylon twist braid 1/8" (3-in-1)
15	CW-2072-250	Garden Hose - 1/2" (250' Roll)
16	CW-9178	Aluminum Clamp Assembly



- The Cumberland watering system features many important innovations, including the 360 degree side-to-side toggle action nipple valve.
- Cumberland's experience and engineering continue to provide a complete watering system loaded with features and maintenance free reliability, providing for large healthy birds and dry floors.

VAL POULTRY WATERING SYSTEM



- VAL Drinkers water equally well from day old to maturity
- Complete closed sanitary system - no water reservoirs to clean
- Dryer manure is obtained by using VAL drinkers through high quality triple seal stainless steel seat and low pressure (1/4 lb.)
- Simple installation
- Drinker nipple features 360 degree side action suitable for day old chicks
- Flow control cap eliminates trigger pin wear and wet manure
- Drinkers snap on water line - no threads
- Easily removed cap holds all parts of drinker assembly together

PLASSON POULTRY DRINKERS

Complete Plasson Drinkers

Item #	Description
2100000	Breeder/Layer Drinker Complete
2105WB	Turkey Drinker Complete
2140000	Broiler Drinker Complete

Maxiflo Pressure Regulator

Item #	Description
70NZ100	Pressure Reducer 1/4 - 3lbs
70NZ101	Pressure Reducer 3/4 - 8lbs
70NZ102	Pressure Reducer 1-1/2 - 13lbs



Broiler Drinker



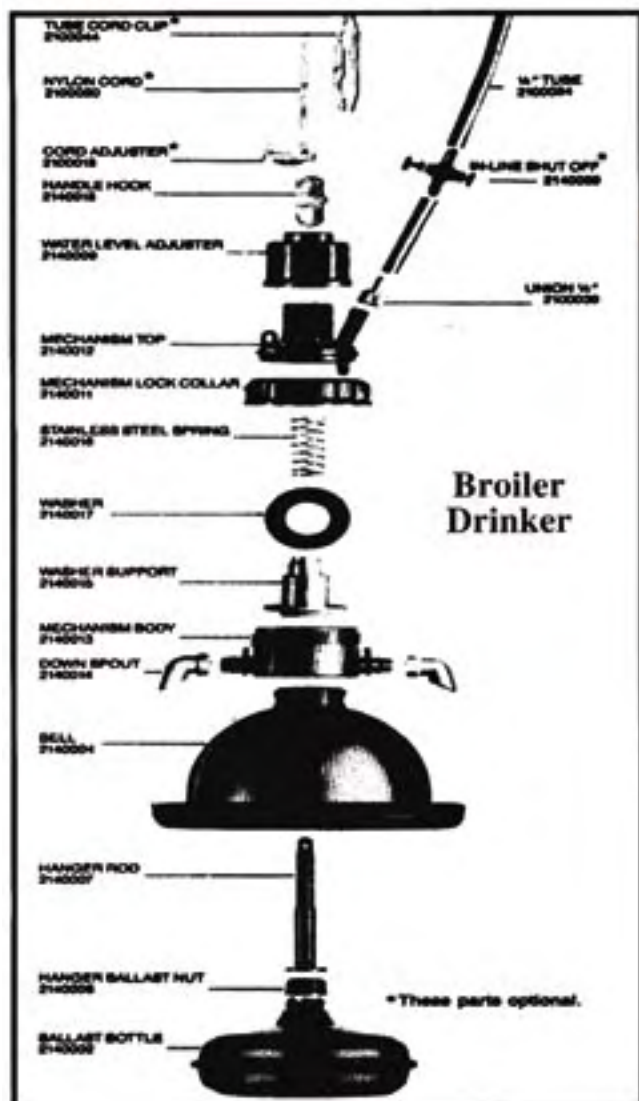
Breeder Drinker



Turkey Drinker



PLASSON DRINKER COMPONENTS



Plasson Broiler Drinker

Item #	Description	Item #	Description
2100024	1/4" Tube	2140016	Stainless Steel Spring
2140039	Inline Shut Off	2140017	Washer
2100039	1/4" Union	2140015	Washer Support
2100044	Tube Cord Clip	2140013	Mechanism Body
2100018	Cord Adjuster	2140014	Down Spout
2140018	Handle Hook	2140004	Bell
2140009	Water Level Adjuster	2140007	Hanger Rod
2140012	Mechanism Top	2140008	Hanger Ballast Nut
2140011	Mechanism Lock Collar	2140002	Ballast Bottle



Plasson Turkey & Breeder Drinker

Item #	Description	Item #	Description
2100044	Clip	2100012	Valve Ass'y-Complete
2100020	Nylon Cord	2100013	Valve Spring
2100018	Cord Adjuster	2100007	Plunger
2102035	Mechanism Cap	2100054	Washer
2102038	O Ring	2100021	O Ring
2100056	Filter Element	2100016	Valve Housing
2102036	Mechanism Pipe	2102034	Bell for Breeders
2100017	Water Level Adjuster	2104032	Bell for Turkey
2100015	Lock-Nut	2102041	Bottle Hanger
2102037	Mechanism Spring-Breeder	2102033	Ballast Bottle
2104037	Mechanism Spring-Turkey		

PLUMBING - PVC

Common Plumbing Abbreviations

FPT	=	Female Pipe Thread
MPT	=	Male Pipe Thread
Spig	=	Slip Male
S (Slip)	=	Slip Female
Insert	=	Barbed
Street	=	Fipt x Mipt



Slip (S)



FPT



MPT



INSERT

Pipe - Sch 40 *

Item #	Size
DP2012	1/2"
DP2034	3/4"
DP201	1"
DP20114	1-1/4"
DP20112	1-1/2"
DP202	2"
DP2034	3"
DP204	4"
DP206	6"

* Pipe is available in 20' lengths or by the foot. Please specify feet or lengths when ordering.

Praher Clip



Pipe Clips & Straps

Item #	Description
SS-12	Pipe strap 2 hole SS 1/2"
FAPA10	Pipe strap 2 hole PVC 1/2"
FAPA11	Pipe strap 2 hole PVC 3/4"
FAPA12	Pipe strap 2 hole PVC 1"
FAPA13	Pipe strap 2 hole PVC 1-1/4"
FAPA14	Pipe strap 2 hole PVC 1-1/2"
FAPA15	Pipe strap 2 hole PVC 2"
GALV-12	Pipe strap 2 hole steel 1/2"
GALV-34	Pipe strap 2 hole steel 3/4"
GALV-1	Pipe strap 2 hole steel 1"
GALV-114	Pipe strap 2 hole steel 1-1/4"
GALV-112	Pipe strap 2 hole steel 1-1/2"
GALV-2	Pipe strap 2 hole steel 2"
PSC03	Pipe strap 2 hole plastic coated steel 3"
PSC04	Pipe strap 2 hole plastic coated steel 4"
PSC05	Pipe strap 2 hole plastic coated steel 5"
PSC06	Pipe strap 2 hole plastic coated steel 6"

Slip

Item #	Size
DC12	1/2"
DC34	3/4"
DC1	1"
DC114	1-1/4"
DC112	1-1/2"
DC2	2"
DC3	3"

FPT

Item #	Size
DC12F	1/2"
DC34F	3/4"
DC1F	1"
DC114F	1-1/4" *
DC112F	1-1/2" *
DC2F	2" *

Items marked with *



Plugs

Slip

Item #	Size
DP12S	1/2"
DP34S	3/4"
DP1S	1"
DP114S	1-1/4"
DP112S	1-1/2"
DP2S	2"
DP3S	3"
DP4S	4"

FPT

Item #	Size
DP12M	1/2"
DP34M	3/4"
DP1M	1"
DP114M	1-1/4"
DP112M	1-1/2"
DP2M	2"
DP3M	3"
DP4M	4"



2 Hole Strap

Praher Clips

Item #	Description
PP050	Praher Clips 1/2"
PP075	Praher Clips 3/4"
PP100	Praher Clips 1"
PP125	Praher Clips 1 1/4"
PP150	Praher Clips 1 1/2"
PP200	Praher Clips 2"

Caps

Caps - Slip

Item #	Size
DCS12	1/2"
DCS34	3/4"
DCS1	1"
DCS114	1-1/4"
DCS112	1-1/2"
DCS2	2"
DCS3	3"
DCS4	4"

Caps - FPT

Item #	Size
DCAP12F	
DCAP34F	
DCAP1F	1"
DCAP114F	
DCAP112F	
DCAP2F	2"
DCAP3F	3"
DCAP4F	4"



Tees

S x S x S

Item #	Size
DT12	1/2"
DT34	3/4"
DT1	1"
DT114	1-1/4"
DT112	1-1/2"
DT2	2"
DT3	3"
DT4	4"

FPT x FPT x FPT

Item #	Size
DT12F	1/2"
DT34F	3/4"
DT1F	1"
DT114F	1-1/4"
DT112F	1-1/2"
DT2F	2"

S x S x FPT

Item #	Size
DT12SSF	1/2"
DT34SSF	3/4"
DT1SSF	1"
DT114SSF	1-1/4"
DT112SSF	1-1/2"
DT2SSF	2"

Reducing Tees

S x S x S

Item #	Size
-	-
-	-
DT343412	3/4" x 3/4" x 1/2"
DT1112	1" x 1" x 1/2"
DT1134	1" x 1" x 3/4"
DT11411412	1 1/4" x 1 1/4" x 1/2"
DT11411434	1 1/4" x 1 1/4" x 3/4"
DT1141141	1 1/4" x 1 1/4" x 1"
DT11211212	1 1/2" x 1 1/2" x 1/2"
DT11211234	1 1/2" x 1 1/2" x 3/4"
DT1121121	1 1/2" x 1 1/2" x 1"
DT112112114	1 1/2" x 1 1/2" x 1-1/4"
DT2212	2" x 2" x 1/2"
DT2234	2" x 2" x 3/4"

S x S x FPT

Item #	Size
DT121218F	1/2" x 1/2" x 1/8"
DT121214F	1/2" x 1/2" x 1/4"
DT343412F	3/4" x 3/4" x 1/2"
DT1112F	1" x 1" x 1/2"
DT1134F	1" x 1" x 3/4"
DT11411412F	1 1/4" x 1 1/4" x 1/2"
DT11411434F	1 1/4" x 1 1/4" x 3/4"
DT1141141F	1 1/4" x 1 1/4" x 1"
DT11211212F	1 1/2" x 1 1/2" x 1/2"
DT11211234F	1 1/2" x 1 1/2" x 3/4"
DT1121121F	1 1/2" x 1 1/2" x 1"
DT112112114F	1 1/2" x 1 1/2" x 1-1/4"
DT2212F	2" x 2" x 1/2"
DT2234F	2" x 2" x 3/4"



Cross

Item #	Size
DCT12	1/2"
DCT34	3/4"
DCT1	1"
DCT114	1-1/4"
DCT112	1-1/2"
DCT2	2"

Adapters

Slip x FPT

Item #	Size
DA12F	1/2"
DA34F	3/4"
DA1F	1"
DA114F	1-1/4"
DA112F	1-1/2"
DA2F	2"
DA3F	3"
DA4F	4"

Slip x MPT

Item #	Size
DA12M	1/2"
DA34M	3/4"
DA1M	1"
DA114M	1-1/4"
DA112M	1-1/2"
DA2M	2"
DA3M	3"
DA4M	4"

Slip x Insert

Item #	Size
DA12S	1/2"
DA34S	3/4"
DA1S	1"
DA114S	1-1/4"
DA112S	1-1/2"
DA2S	2"

Spig x FPT

Item #	Size
DFA12F	1/2"
DFA34F	3/4"
DFA1F	1"
DFA114F	1-1/4"
DFA112F	1-1/2"
DFA2F	2"



Slip x FPT



Slip x MPT

Elbows - 90 degree & 45 degree

90 Degree Slip

Item #	Size
DE9012	1/2"
DE9034	3/4"
DE901	1"
DE90114	1-1/4"
DE90112	1-1/2"
DE902	2"
DE903	3"
DE904	4"

90 MPT x FPT

Item #	Size
DE9012MF	1/2"
DE9034MF	3/4"
DE901MF	1"
DE90114MF	1-1/4"
DE90112MF	1-1/2"

90 Slip x FPT

Item #	Size
DE9012F	1/2"
DE9034F	3/4"
DE901F	1"
DE90114F	1-1/4"
DE90112F	1-1/2"

90 Slip x MPT

Item #	Size
DE9012M	1/2"
DE9034M	3/4"
DE901M	1"
DE90114M	1-1/4"
DE90112M	1-1/2"

45 Degree Slip

Item #	Size
DE4512	1/2"
DE4534	3/4"
DE451	1"
DE45114	1-1/4"
DE45112	1-1/2"
DE452	2"
DE453	3"
DE454	4"



Plastic Boiler Drains



Plastic Boiler Drain

Item #	Size
WF3290	1/2"
WF3300	3/4"

Ball Valves

Slip

Item #	Size
770S03	1/2"
770S04	3/4"
770S05	1"
770S06	1-1/4"
770S07	1-1/2"
770S08	2"

FPT

Item #	Size
770T03	1/2"
770T04	3/4"
770T05	1"
770T06	1-1/4"
770T07	1-1/2"
770T08	2"



PVC Ball Valve

Reducing Bushings

Spig x Slip

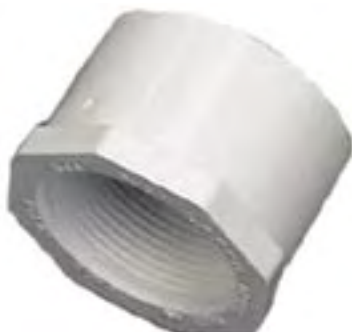
Item #	Size
-	1/2" x 1/4"
-	1/2" x 3/8"
-	3/4" x 1/4"
DB3412	3/4" x 1/2"
DB112	1" x 1/2"
DB134	1" x 3/4"
DB11412	1-1/4" x 1/2"
DB11434	1-1/4" x 3/4"
DB1141	1-1/4" x 1"
DB11212	1-1/2" x 1/2"
DB11234	1-1/2" x 3/4"
DB1121	1-1/2" x 1"
DB112114	1-1/2" x 1-1/4"
DB212	2" x 1/2"
DB234	2" x 3/4"
DB21	2" x 1"

Spig x FPT

Item #	Size
DB1214F	1/2" x 1/4"
-	1/2" x 3/8"
DB3414F	3/4" x 1/4"
DB3412F	3/4" x 1/2"
DB112F	1" x 1/2"
DB134F	1" x 3/4"
DB11412F	1-1/4" x 1/2"
DB11434F	1-1/4" x 3/4"
DB1141F	1-1/4" x 1"
DB11212F	1-1/2" x 1/2"
DB11234F	1-1/2" x 3/4"
DB1121F	1-1/2" x 1"
DB112114F	1-1/2" x 1-1/4"
-	2" x 1/2"
DB234F	2" x 3/4"
DB21F	2" x 1"

MPT x FPT

Item #	Size
DB1214MF	1/2" x 1/4"
DB1238MF	1/2" x 3/8"
DB3414MF	3/4" x 1/4"
DB3412MF	3/4" x 1/2"
DB112MF	1" x 1/2"
DB134MF	1" x 3/4"
DB11412MF	1-1/4" x 1/2"
DB11434MF	1-1/4" x 3/4"
DB1141MF	1-1/4" x 1"
-	1-1/2" x 1/2"
DB11234MF	1-1/2" x 3/4"
DB1121MF	1-1/2" x 1"
DB112114MF	1-1/2" x 1-1/4"
-	2" x 1/2"
-	2" x 3/4"
-	2" x 1"



Unions

Slip x Slip

Item #	Size
DU12S	1/2"
DU34S	3/4"
DU1S	1"
DU114S	1-1/4"
DU112S	1-1/2"

FPT x FPT

Item #	Size
DU12F	1/2"
DU34F	3/4"
DU1F	1"
DU114F	1-1/4"
DU112F	1-1/2"



PVC Nipples

	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Lenth	Item #	Item #	Item #	Item #	Item #	Item #
Closed	9036V	9048V	9060V	9071V	9082V	9093V
1-1/2"	9037V	9049V	-	-	-	-
2"	9038V	9050V	9061V	9072V	9083V	-
2-1/2"	9039V	9051V	9062V	9073V	9084V	9094V
3"	9040V	9052V	9063V	9074V	9085V	9095V
3-1/2"	9041V	9053V	9064V	9075V	9086V	9096V
4"	9042V	9054V	9065V	9076V	9087V	9097V
4-1/2"	9043V	9055V	9066V	9077V	9088V	9098V
5"	9044V	9056V	9067V	9078V	9089V	9099V

3" & 4" Nipples

Item #	Size
9103V	3" x Closed
9108V	4" x Closed



Closed Nipple



PVC Glue & Primer

Item #	Description
250ML04PC	1/2 Pint PVC Glue
1L04PC	Quart PVC Glue
1G04PC	Gallon PVC Glue
250ML70PP	1/2 Pint Primer
1L70PP	Quart Primer



Ball Valve



Gate Valve



Boiler Drain

Ball Valves

Item #	Description
7378	Brass 1/4" Mini Ball Valve
BV4103-C	Brass - 3/8" Ball Valve
BV4103-D	Brass - 1/2" Ball Valve
BV4103-E	Brass - 3/4" Ball Valve
BV4103-H	Brass - 1" Ball Valve
BV4103-J	Brass - 1-1/4" Ball Valve
BV4103-K	Brass - 1-1/2" Ball Valve
BV4103-M	Brass - 2" Ball Valve
BVCS2403-D	Ball Valve High Pressure 1/2" 7000 lb (black)
0766-33542-6	Ball Valve High Pressure 1/2" 2000 lb (black)
1/2 Ball Valves SS	Ball Valve High Pressure 1/2" 2000 lb (SS)
0766-33543-4	Ball Valve High Pressure 3/4" 2000 lb (black)

Brass Gate Valves

Item #	Size
510T02	1/2"
510T04	3/4"
510T05	1"
510T06	1-1/4"
510T07	1-1/2"

Brass Boiler Drains

Item #	Size
204TM3	1/2"

Pipe Hangers

Size	Long Shank	Short Shank
3/8"	L0375	S0375
1/2"	L0500	S0500
3/4"	L0750	S0750
1"	L1000	S1000
1 1/4"	L1250	S1250
1 1/2"	L1500	S1500
2"	L2000	S2000



Long Shank



Short Shank

PLUMBING - GALVANIZED

Pipe

Item #	Size
Galv Pipe 1/2"	1/2"
Galv. Pipe 3/4"	3/4"
73-357000-1	1"
Galv Pipe 1-1/4"	1 1/4"
Galv Pipe 1-1/2"	1 1/2"
Galv Pipe 2"	2"
73-357000-212	2 1/2"
73-357000-3	3"



Tees

Item #	Size
370G00	1/8"
370G01	1/4"
370G02	3/8"
370G03	1/2"
370G04	3/4"
370G05	1"
370G06	1-1/4"
370G07	1-1/2"
370G08	2"
370G09	2 1/2"
370G10	3"
370G11	4"



Tee (FPT x FPT x FPT)



Street Elbow (MPT x FPT)



90 Degree Elbow
(FPT x FPT)

Elbows

Size	90 Deg #	45 Deg #	90 Deg Street #
1/8"	310G00	-----	-----
1/4"	310G01	320G01	330G01
3/8"	310G02	320G02	330G02
1/2"	GE9012	320G03	330G03
3/4"	310G04	320G04	330G04
1"	310G05	320G05	330G05
1-1/4"	310G06	320G06	330G06
1-1/2"	310G07	320G07	330G07
2"	310G08	320G08	330G08
2 1/2"	310G09	320G09	-----
3"	310G10	-----	-----
4"	310G11	-----	-----



45 Degree Elbow
(FPT x FPT)

Plugs

Item #	Size
360G00	1/8"
360G01	1/4"
360G02	3/8"
360G03	1/2"
360G04	3/4"
360G05	1"
360G06	1-1/4"
360G07	1-1/2"
360G08	2"
360G09	2 1/2"
360G10	3"
360G11	4"



Caps

Item #	Size
410G00	1/8"
410G01	1/4"
410G02	3/8"
410G03	1/2"
410G04	3/4"
410G05	1"
410G06	1-1/4"
410G07	1-1/2"
410G08	2"

Reducing Couplers

Item #	Size
450G10	1/4" x 1/8"
450G21	3/8" x 1/4"
450G32	1/2" x 3/8"
450G43	3/4" x 1/2"
450G53	1" x 1/2"
450G54	1" x 3/4"
450G63	1-1/4" x 1/2"
450G64	1-1/4" x 3/4"
450G65	1-1/4" x 1"
450G75	1-1/2" x 1"
450G76	1-1/2" x 1-1/4"
450G86	2" x 1-1/4"
450G87	2" x 1-1/2"



Couplers

Item #	Size
340G00	1/8"
340G01	1/4"
340G02	3/8"
340G03	1/2"
340G04	3/4"
305G05	1"
305G06	1-1/4"
305G07	1-1/2"
305G08	2"
340G09	2-1/2"
8577G	3"
340G11	4"



Insert Couplers

Item #	Size
305G03	1/2"
305G04	3/4"
305G05	1"
305G06	1-1/4"
305G07	1-1/2"
305G08	2"



Insert Adapters

Item #	Size
300G03	1/2"
300G04	3/4"
300G05	1"
300G06	1-1/4"
300G07	1-1/2"
300G08	2"
8548G	3"
8549G	4"

Reducer Bushings

Item #	Size
460G10	1/4" x 1/8"
460G20	3/8" x 1/8"
460G21	3/8" x 1/4"
460G30	1/2" x 1/8"
460G31	1/2" x 1/4"
460G32	1/2" x 3/8"
460G41	3/4" x 1/4"
460G42	3/4" x 3/8"
460G43	3/4" x 1/2"
460G51	1" x 1/4"
460G52	1" x 3/8"
460G53	1" x 1/2"
460G54	1" x 3/4"
460G62	1-1/4" x 3/8"
460G63	1-1/4" x 1/2"
460G64	1-1/4" x 3/4"
460G65	1-1/4" x 1"
460G73	1-1/2" x 1/2"
460G74	1-1/2" x 3/4"
460G75	1-1/2" x 1"
460G76	1-1/2" x 1-1/4"
460G83	2" x 1/2"
460G84	2" x 3/4"
460G85	2" x 1"
460G86	2" x 1-1/4"
460G87	2" x 1-1/2"
46G107	3" X 1-1/2"
46G108	3" X 2"
46G109	3" X 2-1/2"



Unions

Item #	Size
380G01	1/4"
380G02	3/8"
GV12	1/2"
380G04	3/4"
380G05	1"
380G06	1-1/4"
380G07	1-1/2"
380G08	2"

Galvanized Pipe Nipples - 1/8" - 2" (Top number=Diameter)

Length	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Closed	GN0000	GN0100	GN0200	GN0300	GN0400	GN0500	GN0600	GN0700	GN0800
1-1/2"	GN0007	GN0107	GN0207	GN0307	GN0407	GN0508	GN0608	GN0708	-
2"	GN0008	GN0108	GN0208	GN0308	GN0408	GN0509	GN0609	GN0709	-
2-1/2"	GN0009	GN0109	GN0209	GN0309	GN0409	GN0510	GN0610	GN0710	GN0809
3"	GN0010	GN0110	GN0210	GN0310	GN0410	GN0511	GN0611	GN0711	GN0810
3-1/2"	GN0011	GN0111	GN0211	GN0311	GN0411	GN0512	GN0612	GN0712	GN0811
4"	GN0012	GN0112	GN0212	GN0312	GN0412	GN0513	GN0613	GN0713	GN0812
4-1/2"	GN0013	GN0113	GN0213	GN0313	GN0413	GN0514	GN0614	GN0714	GN0813
5"	GN0014	GN0114	GN0214	GN0314	GN0414	GN0515	GN0615	GN0715	GN0814
5-1/2"	GN0015	GN0115	GN0215	-	-	-	-	-	GN0815
6"	GN0016	GN0116	GN0216	GN0315	GN0416	GN0516	GN0616	GN0716	GN0816



Galvanized Pipe Nipples - 3" & 4"

Item #	Size
GN1000	3" x Closed
GN1100	4" x Closed



Don't forget...

Teflon Tape

Item #	Size
10TT03	1/2" x 480" Roll



PLUMBING - POLYPROPYLENE & NYLON FITTINGS

Poly Insert Reducer Coupler

Item #	Size
8579V	3/4" x 1/2"
8580V	1" x 1/2"
8581V	1" x 3/4"
8582V	1-1/4" x 3/4"
8583V	1-1/4" x 1"
8584V	1-1/2" x 3/4"
8585V	1-1/2" x 1"
8586V	1-1/2" x 1-1/4"
8587V	2" x 1"
8588V	2" x 1-1/4"
8589V	2" x 1-1/2"



Insert Couplers

Size	Poly	Nylon
1/2"	8570	8570N
3/4"	8571	8571N
1"	8572	8572N
1-1/4"	8573	8573N
1-1/2"	8574	8574N
2"	8575	8575N
3"	8577V	-
4"	8578V	-



Insert Tees

Size	Poly	Nylon
1/2"	8606	8606N
3/4"	8607	8607N
1"	8608	8608N
1-1/4"	8609	8609N
1-1/2"	8610	8610N
2"	8611	8611N



Poly Male Insert Adapter

Size	Poly	Nylon
1/2"	8541	8541N
3/4"	8542	8542N
1"	8543	8543N
1-1/4"	8544	8544N
1-1/2"	8545	8545N
2"	8546	8546N
3"	8548V	-
4"	8549V	-



Poly Female Insert Adapter

Item #	Size
8711V	1/2"
8712V	3/4"
8713V	1"
8714V	1-1/4"
8715V	1-1/2"
8716V	2"



Poly Insert Elbow

Size	Poly	Nylon
1/2"	8591	8591N
3/4"	8592	8592N
1"	8593	8593N
1-1/4"	8594	NIE114
1-1/2"	8595	8595N
2"	8596	8596N

PLUMBING - STAINLESS STEEL

SS Pipe Fittings

Item #	Description
SSE9012	SS Elbow 90 Degree 1/2"
SSE9034	SS Elbow 90 Degree 3/4"
SSE9012MF	SS Street Elbow 90 Degree 1/2" (MPT x FPT)
SSE9034MF	SS Street Elbow 90 Degree 3/4" (MPT x FPT)
SSE4512	SS Elbow 45 Degree 1/2"
SSE4534	SS Elbow 45 Degree 3/4"
SST12	SS Tee 1/2"
SST34	SS Tee 3/4"
SSC12	SS Coupler 1/2"
SSC4	SS Coupler 3/4"

Drinker Pipe w/ Bracket

Item #	Description
DAB-18-1SS	SS double outlet pipe w/bracket 18"
DAB-24-1SS	SS double outlet pipe w/bracket 24"
DAB-36-1SS	SS double outlet pipe w/bracket 36"
DAB-18-2SS	SS offset double outlet pipe w/bracket 18"
DAB-24-2SS	SS offset double outlet pipe w/bracket 24"
DAB-36-2SS	SS offset double outlet pipe w/bracket 36"
HAB-18-1/2SS	SS single outlet pipe only 18"
HAB-26-SS	SS single outlet pipe only 26"
HAB-36-SS	SS single outlet pipe only 36"

Drinker Pipe Only

Item #	Description
D-18-1SS	SS double outlet pipe only 18"
D-24-1SS	SS double outlet pipe only 24"
D-36-1SS	SS double outlet pipe only 36"
D-18-2SS	SS offset double outlet pipe only 18"
D-24-2SS	SS offset double outlet pipe only 24"
D-36-2SS	SS offset double outlet pipe only 36"
S-18SS	SS single outlet pipe only 18"
S-26SS	SS single outlet pipe only 26"
S-36SS	SS single outlet pipe only 36"
HW08SS	SS double outlet hanging waterer 24"



60DEG-SS



45DEG-PK



45DEG



HPB-SS



BND2



BP



HAB-84-SS

SS Pipe Nipples (MPT each end)

Length	1/2" Item #	3/4" Item #
Closed	SSN12CL	SSN24CL
1-1/2"	SSN12015	SSN34015
2"	SSN12020	SSN34020
2-1/2"	SSN12025	SSN34025
3"	SSN12030	SSN34030
3-1/2"	SSN12035	SSN34035
4"	SSN12040	SSN34040
4-1/2"	SSN12045	SSN34045
5"	SSN12050	SSN34050
6"	SSN12060	SSN34060
8"	SSN12080	SSN34080
10"	SSN12100	SSN34100
12"	SSN12120	SSN34120
18"	SSN12180	SSN34180
24"	SSN12240	SSN34240
36"	SSN12360	SSN34360
48"	SSN12480	SSN34480
60"	SSN12600	SSN34600



Single outlet pipe & bracket



Double outlet pipe & bracket



Offset double outlet pipe & bracket

Drinker Pipe Brackets

Item #	Description
45DEG	Water pipe mounting bracket 45 Deg -galv
45DEG-PK	Vertical Nipple Mtg Bracket-galv w/45 Deg elbow
60DEG-SS	Mounting Bracket 60 Deg. S.S.
BND-2	BND-2 SMB Bracket
BP	Galvanized Back Plate
HAB-84-SS	SS Adjustable Bracket (complete)
HBP-SS	SS Backplate for Adjustable Bracket

Finisher Nipples

Item #	Description
GD39	Crystal Springs Stingy water nipple - (ALL SS)
QS43	Crystal Springs water nipple - Wet/Dry Feed Wetter
ECH-11	Echberg Type 11 Finisher nipple
DN93255	Egebjerg Finisher nipple
LIXIT	Lixit water nipple - L-70
MONO	Mono-Flo water nipple
BEK-70-HOG	Bekalo #70 Hog nipple
ED-HOG	Edstrom Hog Nipple

Sow Nipples

Item #	Description
ED-SOW	Edstrom Sow Nipple
BEK-90-SOW	Bekalo #90 Sow nipple

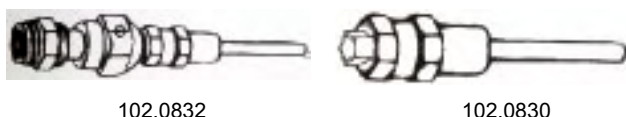
Piglet Nipples

Item #	Description
ED-PIGLET	Edstrom Piglet Nipple
XYZ	SMB XYZ Piglet Nipple



Suevia Parts

Item #	Description
102.0832	Suevia 92R Nipple, complete assembly
102.0830	Suevia Nipple SS Complete bottom body w/ stem
109.0635	Suevia O-Ring Seal for side adjustment and bottom
109.0906	Suevia Spring for 92R Nipples



Echberg Nipple Parts

Item #	Description
ECNP01	Echberg Screen for nipple
ECNP02	Echberg White Cylinder Holder for screen
ECNP03	Echberg Bottom O-ring
ECNP04	Echberg Stem
ECNP05	Echberg Large Sealing ring 11
ECNP06	Echberg White Nylon Snap ring f. O-ring

Other nipple parts available on request.

Edstrom Nipple Parts

Item #	Description
ED-RET	Retainer Screw for all nipples (full thread)
ED-DIA-R	Diaphragm 3-holes red for Hog/Piglet Nipples
ED-DIA-G	Diaphragm 3-holes grey for Sow Nipples
ED-O	O-Ring for Edstrom Nipples

Generic Nipple Parts

Item #	Description
BNDB-O	BNDB O-Ring
CD5-SPR	CD5 Spring
CD200-ORIFICE	CD 200 Orifice

Compatible with:
**Monoflow, Egebjerg,
Crystal Springs QS43**

Rotecna MIDI Drinker Parts

Item #	Description
EAS0D11	Rotecna MIDI drinker nipple (complete)
0600-0001	Midi flow control screw (brass)
0600-0003	Nipple nut (SS) - lower body
0600-0004	Midi fibre washer
0600-0005	Spring
0600-0008	O-Rings (6.5 x 2 mm)
0600-0009	Nipple pin (SS)

Hog Water Bowls

Item #	Description
93575	Green Farmline Drik-O-Mat Standard - Finisher
0-31	Rotecna "Mini" Piggy Water Bowls (pre-wean)
0-32	Rotecna "Midi" Weanling Water Bowl (weanlings)
0600-0005	Rotecna Spring
0600-0008	Rotecna O-Rings (6.5 x 2 mm)



93575



0-32



0-31

Plumbing Kits for Drinkers

Item #	Description
SDO	SD0 Saddles Only
WF3140	SD0 Saddles w/ shut-off
SD3	SD3 - 1/4" Barb X 1/2" F. Thread Nylon
BSD3	BSD3 - 1/4" Barb X 1/2" F. Thread Brass
SD3W	SD3W - Washer Only for SD3
SD6	SD6 - 1/4" Barb X 1/4" Female Thread
SD7P	Clamp Plastic Hose SD7 (White)
NSO	NSO - In-line - On/Off Shutoff - 2 - 1/4 barbs
FNS0	FNS0-On/Off Shutoff - 1 - 1/4 barb and 1 - 1/4 Ft
16-14	Nylon Tee Insert (rubber)-1/4" SD5
SD8	SD8 - 1/4" Barbed Joiner Coupler
SD1	SD-1 - 1/4" Male Thread X 1/4" Barb
10-14B	Brass Std Insert Adapter 1/4"x1/4" MPTxINS (BSD1)



SD0



SD3



SD3W



SD6



NSO



FNS0



MPT x B



FPT x B



MPT x B 90 deg

Nylon Adapters-Rubber Hose Barb

Item #	Size
11-1214	1/2" x 1/4" (FIPTxB)
10-1238	1/2" x 3/8" (MIPTxB)
10-1214	1/2" x 1/4" (MIPTxB)
12-1214	1/2" x 1/4" (MIPTxB) 90 Deg
10-38	3/8" (MIPTxB)
10-12	1/2" (MIPTxB)
12-12	1/2" (MIPTxB) 90 Deg
10-3414	3/4" x 1/4" (MIPTxB)
10-3438	3/4" x 3/8" (MIPTxB)
12-3414	3/4" x 1/4" (MIPTxB) 90 Deg



SD8



SD1



BSD3



SD5



SD7P

CATTLE WATER BOWLS



AU82P



AU82C



25



25P

Cattle Water Bowls

Item #	Description
AU82P	Water Bowl Complete plastic (AU82P)
AU82C	Water Bowl Complete cast iron (AU82C)
25	Water Bowl Complete galvanized w/ nose paddle (25)
25P	Water Bowl Complete plastic w/ nose paddle (25P)
12-76-0224	Houle Water Bowl Complete cast iron w/ nose paddle

Common Replacement Parts

Item #	Description
AU82PL	Plastic bowl only for AU82P
AU82CA	Cast iron bowl only for AU82C
25B	Galvanized bowl only for 25
P25B	Plastic bowl only for 25P
92	Valve for cattle water bowls
CD53	Brass Push Button Valve
92RW	Rubber Washer for water bowl valve
92S	Spring for water bowl valve
PRK25	Nylon Repair Kit for 25 including 25NT; 25W; P25HP; P2525N
P2525N	Nose Pan (Plastic)
P25H	Nose Pan Bracket (Plastic)
25FP	3/4" frost plug for 25
25NT	Nylon tip for 25
25ST	Stem w/ fuller ball for 25
25U	U-bolt ZP w/ Nuts and Washers 1-5/8" for 25
25W	Washer for 25
P25HP	Hinge Pin (Plastic) for 25

Common Replacement Parts for Houle Bowls

Item #	Description
12-38-0030	Houle U-bolt 3/8" x 2 5/8" W x 2 3/4"
12-39-0103	Houle green plastic seat
12-39-0029	Houle water bowl rubber seal 5/8" diameter
12-22-0001	Houle brass rod (for bowl with lever)
12-40-0004	Houle water bowl lever



92



CD53



92RW



92S



P2525N



P25H



25FP



25NT



25ST



25U



25W



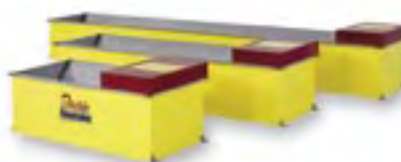
P25HP



Canarm Waterer

Canarm Waterers

Item #	Description
H50	Canarm H50 Heated Cattle Waterer
HL50	Canarm HL50 Heated Cattle Waterer (low profile)
H100	Canarm H100 Heated Cattle Waterer



Cattlemaster



Cattle AC



Omni Fountain

Ritchie Cattle Waterers

Item #	Description
H50	Canarm H50 Heated Cattle Waterer
HL50	Canarm HL50 Heated Cattle Waterer (low profile)
H100	Canarm H100 Heated Cattle Waterer



Cattle Thrifty King



Cattle Fountain

Ritchie Cattle Waterers

Item #	Description
12148	Ritchie Cattlemaster 48
12184	Ritchie Cattlemaster 84
12144	Ritchie Cattlemaster 144
11255	Ritchie Cattle Fountain 3E
15555	Ritchie Cattle Fountain 5E
18026	Ritchie Cattle Fountain 10E
16619	Ritchie OmniFountain 200 (beef, dairy, horses)
16533	Ritchie OmniFountain 500 (beef, dairy, horses)
16271	Ritchie CT1 Cattle Thrifty King
16299	Ritchie CT2 Cattle Thrifty King
16300	Ritchie CT4 Cattle Thrifty King
16440	Ritchie CT6 Cattle Thrifty King
12295	Ritchie 2AC WW Fountain Reg. w/o Flipper Lid
12320	Ritchie 1AC Fountain
12767	Ritchie 2AC Special

Calf Bottles

Item #	Description
1240232	BSM plastic calf bottle & nipple
PD-2020	Calf bottle 3 qt w/ snap nipple
PD-2021	Calf bottle nipple only (for PD-2020)
006-150	Calf bottle 3 litre w/ snap nipple
4999-1110-040	Calf bottle Little Giant 2 qt (4 pint) w/ snap nipple
4999-1110-042	Calf bottle E-Z Nurse 2 qt (4 pint) w/ screw nipple
006-148	Calf bottle only w/ moulded handle 2 qt (for snap nipple)
040-115	Calferia steel calf feeding pail w/ nipple



PD-2020



4999-1110-040



4999-1110-042

Ritchie Hog Waterers

Item #	Description
16259	Ritchie HG2 Hog Thrifty King
16298	Ritchie HG2-1 Hog Thrifty King
16260	Ritchie HG4 Hot Thrifty King
16099	Ritchie Pork King 2SS
16124	Ritchie Pork King 2-1SS
16192	Ritchie Pork King 1SS
16459	Ritchie Pork King 4SS



Hog Thrifty King



Pork King SS



040-115

Ritchie Yard Hydrants

Item #	Description
12508	Ritchie Bury Hydrant 8 ft
12510	Ritchie Bury Hydrant 10 ft
12910	Ritchie Complete Hydrant Head Assembly



Hydrant



4999-1140-001



B5



190-180



B10



201-005



190-170

Float Valves

Item #	Description
4999-1140-001	Hudson Float Valve (round) - 1" female thread
WR1302	Hudson Float Valve (round) - 1/2" female thread
1500100	BSM Brass Float Valve (7 GPM) + HDW
1500120	BSM HD Brass Float Valve (21 GPM) + HDW
B5	Complete Float Box - B5
B10	Complete Float Box - B10
190-170	Dare Plastic Float Box
190-180	Dare Aluminium Float Box
201-005	Rojo Float Valve 3/4"

Tank De-Icers & Heaters

Item #	Description
024-7521	Allied Floating Tank De-Icer 1500 watt
024-7621	Allied Floating Tank De-Icer 1000 watt
024-15N	Allied Sinking Tank De-Icer 1500 watt
024-88R	Allied Guard for Plastic Tanks (For De-Icers)
024-99DP	Allied Universal Drain Plug De-Icer 1500 watt
024-742G	Allied Bucket Heater 1000 watt



024-7521



024-15N



024-99DP



024-88R



024-742G



Aqua Level float valve

Best Seller!

Trough Float Valves

Item #	Description
MF93469	Egebjerg master flow water valve
VR-H	Rotecna VR-H Water Level Valve without down tube

Why a float valve?

The traditional system of a long drinking trough that is manually filled requires a lot of manual supervision to keep the trough full of water - especially on hot days. Take the guesswork & labour out of watering your hogs with a simple automated float valve!



100-EZF-06-04
Toro 1" Solenoid Valve

Solenoid Valves & Accessories

Item #	Description
WR1215	Solenoid Valve 1" FIPT 24 Volt Tek
WR1220	Solenoid Valve 1" FIPT 110 Volt Tek
100-EZF-06-04	Solenoid valve-Toro-1"-FIPT 24V
100-P220-26-06	Solenoid valve-Toro-1.5"-FIPT 24V
100-P220-26-08	Solenoid valve-Toro-2"-FIPT 24V
S82A-310	SA-382A Transformer 110V power to 24V device
DA341M	PVC Male Adaptor Sch. 40 (Slip x MIPT) 3/4" x 1"



WR1215
Tek 1" Solenoid Valve



Rusco Filter with
Spin Down cartridge

Water Filters

Item #	Description
1-1/2-140-F	Rusco 1.5" filter kit (with flush valve)-140 mesh
2-140-F	Rusco 2" filter kit (with flush valve)-140 mesh
FS 1-1/2-100	Rusco 1-1/2" filter only-100 mesh-spin down
FS 1-1/2-100ST	Rusco 1-1/2" filter only-100 mesh-sediment trapper
FS 1-1/2-140	Rusco 1-1/2" filter only-140 mesh-spin down
FS 1-1/2-140ST	Rusco 1-1/2" filter only-140 mesh-sediment trapper
FS 2-100	Rusco 2" filter only-100 mesh-spin down
FS 2-100ST	Rusco 2" filter only-100 mesh-sediment trapper
FS 2-140	Rusco 2" filter only-140 mesh-spin down
FS 2-140ST	Rusco 2" filter only-140 mesh-sediment trapper
LAKH20-30	Lakos Sandmaster Water Filter (Small) 30-48 GPM
LAKOS-L 45-70 GPM	Lakos Sandmaster Water Filter (Large) 45-70 GPM



VR205 Val Regulator

Water Control & Measurement

Item #	Description
C700BP	3/4" Poly Pulsing Water meter - w/ flanges - M3
C700BP	1 1/2" Brass Pulsing Water Meter w / flanges - M3
C700BP	2" Brass Pulsing Water Meter w / flanges - M3
2-021/N1470	Water Meter O-ring - 3/4"
4462	Oil-filled SS 100 Lb. Pressure Gauge
VR205	Val Pressure Regulator w/o guage
1170	Gardena Timer



1170 Gardena Timer

Soaker & Sprinkler Nozzles

Item #	Description
SOAKER	Black Soaker Nozzle - 15' diameter
SPRINKLER-90	Green Shrubbery Sprinkler Nozzles - 90 degree
SPRINKLER-180	Green Shrubbery Sprinkler Nozzles - 180 degree



Soaker Nozzle



Sprinkler Nozzle



Item #	Description
C700BP	3/4" Poly Pulsing Water meter - w/ flanges - M3
C700BP	1 1/2" Brass Pulsing Water Meter w / flanges - M3
C700BP	2" Brass Pulsing Water Meter w / flanges - M3
2-021/N1470	Water Meter O-ring - 3/4"
4462	Oil-filled SS 100 Lb. Pressure Gauge
VR205	Val Pressure Regulator w/o guage
1170	Gardena Timer



1610-4496-000B



2320-4491-110M

Drip Cool

Item #	Description
2100-5234-015	Edstrom Pressure Reducers - 15 PSI
2320-4491-110M	Drip Nozzles for Drip Cool
1610-4496-000B	Barbed Adaptor for Drip Cool
1600-4498-100	5/32" Tubing for Drip Cool
DC-WEIGHT	Weights for Drip Cool

2100-5234-0



Black Poly Hose

Item #	Size
12-BPH	1/2"
34-BPH	3/4"
1-BPH	1"
114-BPH	1 1/4"
112-BPH	1 1/2"
2-BPH	2"



Fire Hose

Item #	Description
067800001	1 1/2" Fire Hose Nozzle (Plastic)
067800005	1" Fire Hose Nozzle (Plastic)
065350050	Rack hose coupled 1-1/2 X 75' (white fire hose)
065350045	Rack hose coupled 1-1/2 X 100' (white fire hose)
FIREHOSE-075	1 1/2" x 75' Black Oreflex Fire Hose
FIREHOSE-100	1 1/2" x 100' Black Oreflex Fire Hose

Custom lengths available - call for details!

Tiger-Flex Suction Hose

Item #	Size
AS075	3/4"
AS100	1"
AS125	1 1/4"
AS150	1 1/2"
AS200	2"



Clear Braided Hose

Item #	Size
K3150-04	1/4"
K3150-06	3/8"
K3150-08	1/2"
K3150-12	3/4"
K3150-16	1"
K3150-20	1-1/4"
K3150-22	1-1/2"



Red Rubber Hose (Rad Hose)

Item #	Size
47AP-L302	1/2"
47AP-L303	5/8"
47AP-L304	3/4"
47AP-L305	1"
47AP-L306	1-1/4"
47AP-L307	1-1/2"
47AP-L308	2"



DAIRY MILK & VACUUM HOSE

Item #	Description
C700BP	3/4" Poly Pulsing Water meter - w/ flanges - M3
C700BP	1 1/2" Brass Pulsing Water Meter w / flanges - M3
C700BP	2" Brass Pulsing Water Meter w / flanges - M3
2-021/N1470	Water Meter O-ring - 3/4"
4462	Oil-filled SS 100 Lb. Pressure Gauge
VR205	Val Pressure Regulator w/o guage
1170	Gardena Timer

Item #	Description
C700BP	3/4" Poly Pulsing Water meter - w/ flanges - M3
C700BP	1 1/2" Brass Pulsing Water Meter w / flanges - M3
C700BP	2" Brass Pulsing Water Meter w / flanges - M3
2-021/N1470	Water Meter O-ring - 3/4"
4462	Oil-filled SS 100 Lb. Pressure Gauge
VR205	Val Pressure Regulator w/o guage
1170	Gardena Timer



HT-A24-9/32A



TKR082

Item #	Description
138008050	5/8" x 50' Green Lawn Hose (4 ply)
138005850	5/8" x 50' Flexogen Hose (8 ply)
138005875	5/8" x 75' Flexogen Hose (8 ply)
138005810	5/8" x 100' Flexogen Hose (8 ply)
138005825	5/8" x 250' Flexogen Hose (8 ply)
148000571	Garden Hose Nozzle w/ Insulated Grip
148000573	Garden Hose Nozzle Chrome Pltd





D25RE2
11 GPM



Chemilizer
HN55



D8R
40 GPM

Dosatron medicators have been a best-seller for many years, and here's why:

- Water powered & proportional
- Volumetric metering ensures accuracy
- Water pressure and flow do not affect operation
- D25RE2 - flow range .05 to 11 GPM; 4.3 to 85 PSI; Injection rate of 1:500 to 1:50; 0.2% to 2%

Medicators

Item #	Description
HN55	Chemilizer HN55 medicator
D128R	Dosatron D128R Flat-Top Medicator (7 GPM)
D25RE2	Dosatron D25RE2 Medicator (11 GPM)
D8R	Dosatron D8R Medicator (40 GPM)
MKD25RE2AF	Dosatron maintenance kit for D25RE2
ED252	Dosatron injection seal kit for D25RE2
MKD128R	Dosatron maintenance kit for D128R (Flat Top)

Medi-Mix Tanks

Item #	Description
NS15	Medi-Mix - Floor Mount - 15 Gallon (vertical agitator)
NS30	Medi-Mix - Floor Mount - 30 Gallon (vertical agitator)
WM8	Medi-Mix - Wall Mount - 8 Gallon (pump style)
FDRMEDITANK18	Medi-Mix - Floor Mount - 14 Gallon (pump style)

- Keep your water-soluble medications evenly mixed, 24 hours a day and reduce waste
- Durable corrosion-proof tank uses electronic timer to activate mixing motor at timed intervals, keeping solution suspended
- Keeps flow of medication to your livestock smooth and even



NS30



NS15

Chlorinators

Item #	Description
CHEMTECH-110V	Chemtech Series 100 Pump 15GPD 110V
CHEMTECH-220V	Chemtech Series 100 Pump 15GPD 220V
PULSATRON	Pulsatron Chemical Pump (no meter)
34-PULSATRON	3/4" Hayes Chemical Pump Meter
112-PULSATRON	1 1/2" Chem Pump Meter (1 pulse /USG)
MSC-7001730	Chemical Mixing Tank - 30 Gallon



50198915



PULSATRON



CHEMTECH

Check out our sanitation section for chlorine and chlorine pucks.

Dirt Blaster - Large

Item #	Description
7270.45	CAT Dirt Blaster-large-.045
7270.55	CAT Dirt Blaster-large-.055
41071.1	Turbo Rotary .08 Nozzle-Large-Red
41071.2	Turbo Roatry .055 Nozzle-Large-Black
41071.5	Dirt Blaster .07 Nozzle-Large-Blue
41071.6	Dirt Blaster .09 Nozzle-Large-Green
41071.7	Dirt Blaster .10 Nozzle-Large-Brown
41071.8	Dirt Blaster .045 Nozzle-Large-Yellow
41097.1	Nozzle Kit For Dirt Blaster .055 (41071.2)
41097.2	Nozzle Kit For Dirt Blaster .07 (41071.5)
41097.3	Nozzle Kit For Dirt Blaster .08 (41071.1)
41097.4	Nozzle Kit For Dirt Blaster .09 (41071.6)
41097.5	Nozzle Kit For Dirt Blaster .10 (41071.5)
41097.6	Nozzle Kit For Dirt Blaster.045 (41071.8)



5900100



Dirt Blaster-Small

Item #	Description
7265.45	CAT Dirt Blaster-small-.045
7265.55	CAT Dirt Blaster-small-.055
41071.3	Dirt Blaster .045 Nozzle-Small-Yellow
41071.4	Dirt Blaster .055 Nozzle-Small-Black
41097	Nozzle Kit For Dirt Blaster .045 (41071.3)
41097.8	Nozzle Kit For Dirt Blaster .055 (41071.4)

Other pressure washer nozzles also available - call for details!

Nozzles

Description	MIPT Item #	FIPT Item #
0 deg fan .005 GPM	5900005	SNSS0005
0 deg fan .008 GPM	5900008	SNSS0008
15 deg fan .10 GPM	SNSS1510B	SNSS1510A
25 deg fan .03 GPM	5902503	SNSS2503A
25 deg fan .04 GPM	5902404	SNSS2504A
25 deg fan .05 GPM	5902505	SNSS2505A
25 deg fan .08 GPM	5902508	SNSS2508A
40 deg fan .04 GPM	5904004	SNSS4004A
40 deg fan .05 GPM	5904005	SNSS4005A
40 deg fan .08 GPM	5904008	SNSS4008A

Note: All above ratings are at 4000 PSI

Foaming Wands and Backpack Tanks

Item #	Description
PFP-FOAM	Foaming Wand w/ 4 Gal backpack & CAT gun
YLS12T	Foaming Wand w/ 4 Gallon backpack tank
YLS12	Foaming Wand w/o tank
FOAM-ASP	Foaming Asperators



Foaming Wand w/ backpack & CAT Trigger Gun



Splash Guard

Spray Guns and Wands

Item #	Description
B-GUN	BSM Vega Spray Gun
M-GUN	Magikist Trigger Wash Gun
35140	CAT Pressure Washer Trigger Gun
35007	CAT Pressure Washer Trigger Gun Repair Kit
24-WAND	Pressure washing wand 2' w/plastic grip
36-WAND	Pressure washing wand 3' Wand w/plastic grip
48-WAND	Pressure washing wand 4' Wand w/plastic grip

Pressure Washer Hoses



Best Seller!

Item #	Description
B-GUN	BSM Vega Spray Gun
M-GUN	Magikist Trigger Wash Gun
35140	CAT Pressure Washer Trigger Gun
35007	CAT Pressure Washer Trigger Gun Repair Kit
24-WAND	Pressure washing wand 2' w/plastic grip

Custom sizes / ends also available - call for details



FIPT x Socket



MPT x Plug

Quick Coupler O-Rings

Item #	Description
QC2EOR	O-ring for quick coupler 1/4"
QC3EOR	O-ring for quick coupler 3/8"
QC4EOR	O-ring for quick coupler 1/2"

Quick Couplers

Sockets

Item #	Description
QC2EF2	1/4" FIPT x Socket
QC2EM2	1/4" MIPT x Socket
QC3EF3	3/8" FIPT x Socket
QC3EM3	3/8" MIPT x Socket
QC4EF4	1/2" FIPT x Socket
QC4EM4	1/2" MIPT x Socket

Plugs

Item #	Description
QCE2F2	1/4" FIPT x Plug
QCE2M2	1/4" MIPT x Plug
QCE3F3	3/8" FIPT x Plug
QCE3M3	3/8" MIPT x Plug
QCE4F4	1/2" FIPT x Plug
QCE4M4	1/2" MIPT x Plug

Fernco Couplers

Item #	Size
Fernco 1-1/4"	1 1/4" x 1 1/4"
Fernco 1-1/2"	1 1/2" x 1 1/2"
Fernco 2" x 1-1/2"	2" x 1 1/2"
Fernco 2"	2" x 2"
Fernco 3"	3" x 3"
Fernco 4" x 3"	4" x 3"
Fernco 4"	4" x 4"
Fernco 6"	6" x 6"
Fernco 6" x 4"	6" x 4"
Fernco 8"	8" x 8"
Fernco 8" x 6"	8" x 6"
Fernco 10"	10" x 10"



Fernco Coupler

Hose Clamps

Item #	Size	Item #	Size
147001004	HF-4-SS	147001056	HF-56-SS
147001005	HF-5-SS	147001064	HF-64-SS
147001006	HF-6-SS	147001072	HF-72-SS
147001008	HF-8-SS	147001096	HF-96-SS
147001010	HF-10-SS	147001104	HF-104-SS
147001012	HF-12-SS	147001116	HF-116-SS
147001016	HF-16-SS		
147001020	HF-20-SS		
147001024	HF-24-SS		
147001032	HF-32-SS		
147001040	HF-40-SS		
147001042	HF-42-SS		
147001044	HF-44-SS		
147001048	HF-48-SS		
147001052	HF-52-SS		



Hose Clamp

Spraying Tanks

Item #	Description
98001000	Spray Doc 1 Gallon
98002000	Spray Doc 2 Gallon
98003000	Spray Doc 3 Gallon
SRS540	Rechargeable Backpack Sprayer-15L
BP15L	Manual Backpack Sprayer-15L



2 Gallon
Spray Doc



SRS540
Electric Pump
Backpack Sprayer

Pit Plugs & Handles

Item #	Description	Picture
PP-06	Better Air 6" Pit Plug	N/S
PP-08	Better Air 8" Pit Plug	1
PP-010	Better Air 10" Pit Plug	N/S
PP-8B	Burpable" 8" pit plug	2
SSH	SS Pit Plug Handle	3
SE536PPP	Pit plug puller-3/8" SS rod	N/S



PP-08



PP-8B



SSH

Cam Lever Couplers

Item #	Description
4504	Poly Part A Adaptor Plug x FIPT 1"
4506	Poly Part A Adaptor Plug x FIPT 1-1/2"
4510	Poly Part A Adaptor Plug x FIPT 1-1/4"
4507	Poly Part A Adaptor Plug x FIPT 2"
4508	Poly Part A Adaptor Plug x FIPT 3"
4517	Poly Part B Coupler Socket x MIPT 1"
4519	Poly Part B Coupler Socket x MIPT 1-1/2"
4523	Poly Part B Coupler Socket x MIPT 1-1/4"
4520	Poly Part B Coupler Socket x MIPT 2"
4521	Poly Part B Coupler Socket x MIPT 3"
4528	Poly Part C Coupler Socket x Insert 1"
4530	Poly Part C Coupler Socket x Insert 1-1/2"
4534	Poly Part C Coupler Socket x Insert 1-1/4"
4531	Poly Part C Coupler Socket x Insert 2"
4532	Poly Part C Coupler Socket x Insert 3"
4539	Poly Part D Coupler Socket x FIPT 1"
4541	Poly Part D Coupler Socket x FIPT 1-1/2"
4545	Poly Part D Coupler Socket x FIPT 1-1/4"
4542	Poly Part D Coupler Socket x FIPT 2"
4543	Poly Part D Coupler Socket x FIPT 3"



Part B Adaptor Socket x MIPT



Part A Adaptor Plug x FIPT



Part C Adaptor Socket x Insert

Cam Lever Couplers (con'td)

Item #	Description
4582	Poly Part DC Cap 1"
4583	Poly Part DC Cap 1-1/2"
4583	Poly Part DC Cap 1-1/4"
4584	Poly Part DC Cap 2"
4585	Poly Part DC Cap 3"
4572	Poly Part DP Plug 1"
4573	Poly Part DP Plug 1-1/2"
4573	Poly Part DP Plug 1-1/4"
4574	Poly Part DP Plug 2"
4575	Poly Part DP Plug 3"
4553	Poly Part E Adaptor Plug x Insert 1"
4555	Poly Part E Adaptor Plug x Insert 1-1/2"
4559	Poly Part E Adaptor Plug x Insert 1-1/4"
4556	Poly Part E Adaptor Plug x Insert 2"
4557	Poly Part E Adaptor Plug x Insert 3"
4562	Poly Part F Adaptor Plug x MIPT 1"
4564	Poly Part F Adaptor Plug x MIPT 1-1/2"
4569	Poly Part F Adaptor Plug x MIPT 1-1/4"
4565	Poly Part F Adaptor Plug x MIPT 2"
4566	Poly Part F Adaptor Plug x MIPT 3"
2949B	Camlock Gasket 1"
2950B	Camlock Gasket 1-1/4"
2951B	Camlock Gasket 1-1/2"
2953B	Camlock Gasket 2-1/2"
2954B	Camlock Gasket 3"

PRESSURE WASHERS



We offer a variety of pressure washers & pumps (CAT, Cougar & others) to meet your washing needs. Call us today for more information.

Zinc Plated Grade 30 Proof Coil Chain



Item #	Size
235028000	3/16"
235028005	1/4"
237660201	5/16"
235027998	3/8"

Grade 70 Gold Chain



Item #	Size
231700002	5/16"
231700003	3/8"

Zinc Plated #14 Endweld Chain



Item #	Size
237660910	#14

Zinc Plated #14 Single Jack Chain



Item #	Size
237660920	#14

Zinc Plated #35 Sash Chain



Item #	Size
237660740	#35

Zinc Plated #2/0 Twist Link Chain



Item #	Size
237660856	#2/0

Zinc Plated Double Loop #2 Tenso Chain



Item #	Size
235027088	#2

Plastic (PVC) #6 Chain



Item #	Size
962	#6

Stainless Steel chain also available in 1/8", 3/16", and 1/4" sizes

Yellow Polypropylene Rope



Item #	Size
CC5505	1/8"
235030100	3/16"
235030102	1/4"
235030104	5/16"
235030106	3/8"
235030108	1/2"
235030110	5/8"
235030112	3/4"

White Nylon Twist Rope

Item #	Size
235030207	1/8"
235030209	3/16"
235030210	1/4"
235030211	3/8"



Clevis Grab Hook

Item #	Description
235026150	Clevis Grabhooks 1/4" Grade 30
235026155	Clevis Grabhooks 5/16" Grade 30
235026160	Clevis Grabhooks 3/8" Grade 30
235026170	Clevis Grabhooks 1/2" Grade 30



Clevis Slip Hook

Item #	Description
235026180	Clevis Sliphook 1/4" Grade 30
235026185	Clevis Sliphook 5/16" Grade 30
235026190	Clevis Sliphook 3/8" Grade 30
235026200	Clevis Sliphook 1/2" Grade 30
235026180	Cleavis Sliphook 1/4" High Test
235026185	Cleavis Sliphook 5/16" High Test
235026190	Cleavis Sliphook 3/8" High Test
235026200	Cleavis Sliphook 1/2" High Test



Chain hooks also available in Grade 70 - call for details

Quick Link (ZP)

Item #	Size
235026320	1/8"
235026325	3/16"
235026330	1/4"
235026335	5/16"
235026340	3/8"
235026345	7/16"



Cable Thimble

Item #	Size
235026000	1/8"
235026005	3/16"
235026010	1/4"
235026015	5/16"
235026020	3/8"
235026025	1/2"
235026030	5/8"



Brass Panic Snap

Item #	Size
13002	Brass Lock Panic Snap - 1"



Snaps & Latches for Chain

Item #	Description	Picture
13143	Swivel pull snap - 1" eye x 4" long	1
13330	HD swivel pull snap - 1" eye x 5" long	2
18303	Swivel Push Snap - 3/4" eye x 2-1/2" long	3
12835	Bronze Swivel Push Snap - 7/8" eye x 3" long	4
18305	Swivel Push Snap - 1" eye x 3-1/2" long	5
C04409N	Swivel Push Snap - 1" eye x 4-3/4" long	
19501	Trigger snap - 1/2" eye x 2-1/2" long	6
19503	Trigger snap - 3/4" eye x 2-3/4" long	7
19513	HD trigger snap - 3/4" eye x 3-5/8" long	8



5



4



3

Bolt Snaps w/ Swivel

Item #	Size	Length	Picture
14501	1/2"	2-5/8"	1
14503	3/4"	3-1/4"	2
14505	1"	4-1/2"	3
14507	1-1/4"	4-1/2"	4



Spring Snap Hook

Item #	Size
235026360	3/16"
235026365	1/4"
235026370	5/16"
235026375	7/16"
235026380	3/8"
235026385	1/2"



Lap Repair Link

Item #	Size
231700736	3/16"
231700732	1/4"
231700733	5/16"
231700734	3/8"



1



2



6



7



8

Heat Lamp Bulbs

Item #	Description	Case
472	Clear InterHeat 250W	24
471	Red InterHeat 175W	24
473	Red InterHeat 250W	24
220	Red Phillips Rough Service 100W	15
223	Red Phillips Rough Service 175W	15



Comfort Zone Heat Lamp Bulb



Light Bulbs

Item #	Description	Case
171	Clear 25W	120
175	Clear 40W	120
177	Clear 60W	120
165	Clear 100W	120
167	Clear 150W	120
169	Clear 200W	60
173	Clear 300W	60

Fluorescent Light Bulbs

Item #	Description	Case
F32T8	4 ft F32T8	25
F34CW	4 ft F34CW	25

Light Fixtures

Item #	Description
145	Socket w/ leads (Pig Tail)
1174	Keyless Lampholder - White Plastic
98542	Weatherproof porcelain lampholder (Leviton)



Socket with leads



Keyless Lampholder

Orion Light Fixtures & Bulbs

Item #	Description
OW-36	Orion Fluorescent Light Fixture (Jelly Jar retrofit)
OW-36HW	Orion Fluorescent Light Fixture (Hardwire)
FCL-30NEX R/S	Orion Replacement Bulb



CW-36



CW-36HW

Orion Light Fixtures

- 200 Watts of light using only 36 Watts of energy
- Commercial grade, Polycarbonate Housing has UV Inhibitor / Flame Retardant Additives
- Virtually Unbreakable - Powerwashable!
- Easy to install, and all components are field serviceable
- Replaceable 5000 Kelvin temperature lamp (closest to natural daylight) that lasts 10,000 hours
- Call us today for more details

ELECTRICAL - MARRETTES & CRIMP-ON CONNECTORS

Marrettes

Item #	Description
1-SHS	Marrette w/ socket--black
2-SHS	Marrette w/ socket--black
30-454	Marrette - wing nut - blue
MARR330	Marrette - twist-on - blue
MARR331	Marrette - twist-on - orange
MARR333	Marrette - twist-on - yellow
MARR335	Marrette - twist-on - red
MARR337	Marrette - twist-on - black



Twist-on Marrette



Marrette w/ socket



Heat Shrink

Heat Shrink
(Bags of 25)

Item #	Size
8219	1/8"
8221	1/4"
8222	3/8"

Red Crimp On Connectors

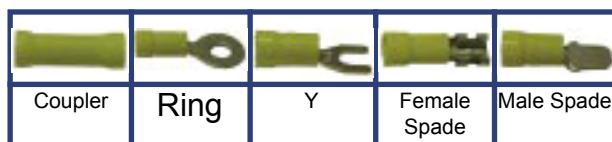
Item #	Description
1700CS	Coupler
1705CS	#10 - Ring
1725CS	#10 - Y
1755CS	.250 - Female Spade
1756CS	.250 - Male Spade

Blue Crimp On Connectors

Item #	Description
1700CS	Coupler
1705CS	#10 - Ring
1725CS	#10 - Y
1755CS	.250 - Female Spade
1756CS	.250 - Male Spade

Yellow Crimp On Connectors

Item #	Description
1700CS	Coupler
1705CS	#10 - Ring
1725CS	#10 - Y
1755CS	.250 - Female Spade
1756CS	.250 - Male Spade



Electrical Staples

Item #	Size
S1500	S-1
S2500	S-2
S3500	S-3



Electrical Staple

Nylon Cable Clamps-
One Bolt

Item #	Description
6140	3M Electrical Tape (CSA)



Nylon Cable Clamp



Electrical Tape

Electrical Tape

Item #	Description
6140	3M Electrical Tape (CSA)

Strain Relief Connectors

Item #	Description
BC12	Box connector - 1/2"
EN12	Steel electrical nut - 1/2"
SL1304	Strain Relief Connector 1/2"
TSRC10	Strain Relief Connector Threaded 1/2"
TSRC15	Strain Relief Connector Threaded 3/4"



Strain Relief Connector

Freeze Protection Cables

Item #	Size
CHA3	3ft
CHA6	6ft
CHA9	9ft
CHA12	12ft
CHA15	15ft
CHA18	18ft
CHA24	24ft
CHA40	40ft
CHA60	60ft
CHA80	80ft



Extension Cables

Item #	Size
10433	Extension Cord 2M (blue) - 16 GA, 3 outlets
10435	Extension Cord 5M (blue) - 16 GA, 3 outlets
10434	Extension Cord 3M (orange) - 16 GA, 3 outlets
10436	Extension Cord 10M (orange) - 16 GA, 3 outlets
10268	Extension Cord 15M (orange) - 16 GA, 3 outlets
10200	Trouble Light 6M



Stab-Loc Breakers

Item #	Size
NC015	1 Pole 15 Amp
NC020	1 Pole 20 Amp
NC0215CP	2 Pole 15 Amp
NC0220CP	2 Pole 20 Amp
NC0230CP	2 Pole 30 Amp
NC0240CP	2 Pole 40 Amp



Jump Start Booster

Item #	Description
203100	Jump Start Booster w/ air compressor



Interstate Batteries

If you need a car, truck, or tractor battery, give us a call! We're an authorized dealer for Interstate Batteries.



Batteries

Item #	Size
127810072	Energizer "AAA" Industrial
127810071	Energizer "AA" Industrial
127810073	Energizer "C" Industrial
127810075	Energizer "D" Industrial
127810078	Energizer "9V" Industrial
127810058	Rayovac 6V Heavy Duty

Heaters

Item #	Description
FUHGX5T	Barn Heater 5000 watt, 240v, 1 phase
PCH4800T	4800 W Construction Heater



5000W GX rated Barn Heater



4800W Construction Heater

Katolight Generators



Katolight's Agricultural specific distributor organization and related vendor networking through builders, contractors and suppliers of ventilation, feeding and control equipment assures you a high quality generator power system tuned to the needs of today's state of the art Agricultural production facilities. Whether your focus is dairy, hogs, poultry, greenhouse or aquaculture, Katolight is ready and qualified to serve you!



KATOLIGHT
CORPORATION

Dependable Power Solutions ... It's All We Do!

www.katolight.com

ELECTRICAL - CORD CONNECTORS, RECEPTACLES

Female Cord Connectors

Item #	Description
222	Black rubber female cord receptacle 15A 115V
4227	Yellow plastic female cord receptacle 15A 250V
4887	Yellow plastic female cord receptacle 15A 115V
1252	Surface receptacle-50A; 250V (Welder)



42



1252



1709



4887



1104-L

Male Cord Plugs

Item #	Description
1482W	Tap Cube 3 Prong White (Plug)
4867	Yellow plastic male cord plug 15A 115V
42	Welder plug; 2P; 3 wire grounding; 30A-50A @ 250V
1711	Black rubber male cord plug 15A 250V
1709	Black rubber male cord plug 15A 115V

Electrical Boxes

Item #	Description	Picture
RFSC1510	Single PVC box (pass-thru)	1
RFS1510	Single PVC box (1 hole)	2
RFSS1510	Single PVC box (2 hole)	3
FD	Single PVC deep box (blank)	4
FD2	Double PVC deep box (blank)	NS
FSC220	Double PVC deep box (pass-thru)	NS
37165E	Bakelite plastic switch box 2.25"	NS
ROB1510	Octagon PVC 4-way junction box w/ cover	5
700-37155	Bakelite octagon plastic switch box	6
BC1104-LLE	Steel electrical box w/ prongs & depth tabs	7
BC1104-L	Steel electrical device box (for in wall)	8
BC1110	Steel electrical utility box (for surface)	9
BC54151-L	Steel electrical 4" octagonal light box	10



①



②



③



④



⑤



⑥



⑦



⑧



⑨



⑩



Switches

Item #	Size
1301B	15 Amp 1 Pole; 120V
1303B	15 Amp 2-position, 3-way; 120V
2312B	20 Amp 2 Pole; 120V (brown)
CS220B	20 Amp 2 Pole; 120/277V

Many other styles of switches & boxes are also available - call us today for more details



Wall Receptacles

Item #	Description
270B	Wall receptacle-duplex 15A; 110V
817-B	Wall receptacle-single 15A; 110V
1232	Surface receptacle-30A; 250V (Welder)
1252	Surface receptacle-50A; 250V (Welder)
816B	Wall receptacle-single 15A; 250V
826B	Wall receptacle-duplex 15A; 250V



②① ③ ④



⑤ ⑥ ⑦ ⑧



⑨ ⑩

Covers

Item #	Description	Picture
TSC1510	Single PVC switch cover	1
RBRC1510	Single PVC black cover	2
DRC1510	SinglePVC duplex receptacle cover	3
E9802CN-CAR	Double PVC blank cover plate	4
DRC202	Double duplex receptacle cover plate grey PVC	NS
VPT1510	Single PVC plunger-style weatherproof switch cover	5
VSC1510	Single PVC weatherproof switch cover	6
VSC202	Double PVC weatherproof switch cover	NS
S1961GY	Single PVC weatherproof receptacle cover	7
S1962GY	Single PVC duplex weatherproof receptacle cover	NS
1131B	Single receptacle cover 1.406" hole (brown plastic)	NS
1132B	Single duplex receptacle cover (brown plastic)	8
1134B	Single switch cover (brown plastic)	NS
37155-E	Bakelite octagon box cover	9
37163-00E	Single switch cover plate-narrow 2.25" (brown)	NS
37161-E	Single duplex receptacle cover-narrow 2.25" (brown)	NS
709-37150	Bakelite octagon plastic switch box cover	NS
BC54-C-1	Steel round cover plate	10

Item #	Description
C700BP	3/4" Poly Pulsing Water meter - w/ flanges - M3
C700BP	1 1/2" Brass Pulsing Water Meter w / flanges - M3
C700BP	2" Brass Pulsing Water Meter w / flanges - M3
2-021/N1470	Water Meter O-ring - 3/4"
4462	Oil-filled SS 100 Lb. Pressure Gauge
VR205	Val Pressure Regulator w/o guage
1170	Gardena Timer

Wire Applications:

- **SJ** – fan motors & portable power tools; flexible in low temperatures -40 to +60 C
- **SJTW**– same as above with high visibility yellow jacket & water resistant
- **SJOOW** – same as above but also resistant to oil & moisture; -40 to +90 C
- **NMD90** – wiring in dry or damp locations not exposed to mechanical injury
- **NMWU** – direct burial in dry or damp locations not exposed to mechanical injury
- **RW90** – single strand for exposed wiring; -40 to +90 C, up to 600V

Communication Wire

Item #	Description
52-644-1801	Shielded Wire-18/2 (2 conductor)
52-444-1803	Shielded Wire-18/3 (3 conductor)
26303-02084	LVT Low Voltage Wire-18/2 (2 conductor)
52-602-2202	Communication Wire 22/2-(2 pair/4 conductor)
52-4444-1804	Shielded Wire-18/4 (4 conductor)
13154-02-010	Underground wire 19/6 pair (telephone cable)

Item #	Description
C700BP	3/4" Poly Pulsing Water meter - w/ flanges - M3
C700BP	1 1/2" Brass Pulsing Water Meter w / flanges - M3
C700BP	2" Brass Pulsing Water Meter w / flanges - M3
2-021/N1470	Water Meter O-ring - 3/4"
4462	Oil-filled SS 100 Lb. Pressure Gauge
VR205	Val Pressure Regulator w/o guage
1170	Gardena Timer

Flashlights & Spotlights

Item #	Description	Picture
089001	Rechargeable Halogen Spotlight 1.2 million candles	1
127816009	Dorcy BOSS waterproof flashlight (2D batteries)	2
89002	Rechargeable Halogen Spotlight 2 million candles	3
127811656	Garrity Disposable Flashlight	4
127810740	Lantern/flashlight 1700 Eveready - Dolphin (6V)	5



Electrical Tools

Item #	Description	Picture
VLTSTK	Volt Stick w/ buzzer	1
3082	Clamp On AC/DC Multimeter w/ LCD & Auto-Ranging Freq	2
3070	Clamp On AC Multimeter w/ LCD & Auto-Ranging Freq	NS
2700	Auto-Ranging Digital Multimeter	3
DM1500	Ostra DM1500 Digital Multimeter	4
DM2000	Ostra DM2000 Digital Multimeter	NS



#1



#3



#2



#4

Purofort Rubber Boots

Size	Regular Item #	Steel Toe Item #
6	550-5796 size 39	Call
7	550-5796 size 40	Call
8	550-5796 size 41	550-5793 size 42
9	550-5796 size 42	550-5793 size 43
10	550-5796 size 43	550-5793 size 44
11	550-5796 size 44	550-5793 size 45
12	550-5796 size 45	550-5793 size 46
13	550-5796 size 46	Call

Purofort Boots

Work in comfort with

Purofort Polyurethane boots

- Comfortable European design
- High quality polyurethane construction
- Chemical resistant
- Lightweight, flexible
- Exceptional durability compared to regular rubber boots
- Available in steel toe or regular toe in all sizes



Poly Boot Covers (Boxes of 50 pairs)

Size	Closed Heel #	
Open Heel #		
6	62239	52239
7	62240	52240
8	62241	52241
9	62242	52242
10	62243	52243

Mono Black Rubber Boots

Size	Closed
Heel #	Open Heel
#	
6	62239
52239	
7	62240
52240	
8	62241
52241	
9	62242
52242	
10	62243
52243	

Felt Insoles (Pair)

Size	Item #
6/7	031060001
8/9	031060002
10/11	031060003
12/13	031060004

Clogs - Rubber Sole - Black Leather

Size	Closed Heel #	Open Heel #
6	62239	52239
7	62240	52240
8	62241	52241
9	62242	52242
10	62243	52243
11	62244	52244



Get full support with this stylish work shoe.
Available in open or closed heel.



Baffin Rubber Boots

Size	Regular Red Sole	Regular Steel Toe	Regular Winter Lined	Baffin -100 Degree	Baffin -100 Deg Steel Toe
6	018004000	018004401	018007000	CALL	CALL
7	018004001	018004402	018007001	018007907	018008007
8	018004002	018004403	018007002	018007908	018008008
9	018004003	018004404	018007003	018007909	018008009
10	018004004	018004405	018007004	018007910	018008010
11	018004005	018004406	018007005	018007911	018008011
12	018004006	018004407	018007006	018007912	018008012
13	018004007	018004408	018007007	018007913	018008013
14	CALL	CALL	CALL	018007914	018008014

Navy Coveralls

Size	Regular #	Tall #
Size 36	031720036	n/a
Size 38	031720038	031721038
Size 40	031720040	031721040
Size 42	031720042	031721042
Size 44	031720044	031721044
Size 46	031720046	031721046
Size 48	031720048	031721048
Size 50	031720050	031721050
Size 52	031720052	031721052
Size 54	031720054	031721054



Rainsuits

Item #	Description
034570007	HN550 1 pc. Rainsuit- Small
034570008	HN550 1 pc. Rainsuit- Medium
034570009	HN550 1 pc. Rainsuit- Large
034570010	HN550 1 pc. Rainsuit- XL
034570011	HN550 1 pc. Rainsuit- XXL
033861021	Yellow Rainsuit 577 - M
033861022	Yellow Rainsuit 577 - L
033861023	Yellow Rainsuit 577 - XL
033861024	Yellow Rainsuit 577 - XXL
033860001	583 Nylon Rainsuit - Small
033860002	583 Nylon Rainsuit - Medium
033860003	583 Nylon Rainsuit - Large
033860004	583 Nylon Rainsuit - X-Large
033860005	583 Nylon Rainsuit - XX-Large

Tyvek Disposable Coveralls

Item #	Size
030600002	Size
M	
030600003	Size
L	
030600004	Size

GLOVES



1



2



3



4



5



6



7



8

Latex & Rubber Gloves

Item #	Description	Picture
040080199	Conform Latex Gloves - Size S - Box	1
040080199	Conform Latex Gloves - Size M - Box	1
040080200	Conform Latex Gloves - Size L - Box	1
040080198	Conform Latex Gloves - Size XL - Box	1
4999-1170-031	Glove TNT Powder Free SM (bx/100)	2
4999-1170-032	Glove TNT Powder Free MD (bx/100)	2
4999-1170-033	Glove TNT Powder Free LG (bx/100)	2
4999-1170-034	Glove TNT Powder Free XL (bx/100)	2
040080030	Yellow Rubber Gloves - Size 7	3
040080031	Yellow Rubber Gloves - Size 8	3
040080032	Yellow Rubber Gloves - Size 9	3
040080033	Yellow Rubber Gloves - Size 10	3
040080034	Yellow Rubber Gloves - Size 11	3
040080035	Yellow Rubber Gloves - Size 12	3
042000260	Sol-Vex Ansell Edmont Gloves - Size 7	4
042000261	Sol-Vex Ansell Edmont Gloves - Size 8	4
042000262	Sol-Vex Ansell Edmont Gloves - Size 9	4
042000263	Sol-Vex Ansell Edmont Gloves - Size 10	4
042000264	Sol-Vex Ansell Edmont Gloves - Size 11	4
042000016	Snorkel PVC Glove 14" - Size 10	5
042000108	Ansell 80-100 Powerflex Glove Size 8	6
042000110	Ansell 80-100 Powerflex Glove Size 10	6
042000140	Winter Monkey Grip Gloves-knit wrist	7
042000283	Hylite Ansell Edmont Gloves - Size 8	8
042000284	Hylite Ansell Edmont Gloves - Size 8.5	8
042000285	Hylite Ansell Edmont Gloves - Size 9	8

Dairy Nitrile Gloves

Item #	Description
1999-1170-090	Glove Dairy Dex XS 5-6 (box/100)
1999-1170-091	Glove Dairy Dex S 6-7 (box/100)
1999-1170-092	Glove Dairy Dex Med 7-8 (box/100)
1999-1170-093	Glove Dairy Dex Lg 8-9 (box/100)
1999-1170-094	Glove Dairy Dex XL 9-10 (box/100)
1999-1170-050	Glove N-Dex XS 5-6 (box/100)
1999-1170-051	Glove N-Dex S 6-7 (box/100)
1999-1170-052	Glove N-Dex Med 7-8 (box/100)
1999-1170-053	Glove N-Dex Lg 8-9 (box/100)
1999-1170-054	Glove N-Dex XL 9-10 (box/100)
4999-1169-980	Glove Semperguard nitrile S (box/100)
4999-1169-981	Glove Semperguard nitrile Med (box/100)
4999-1169-982	Glove Semperguard nitrile Lg (box/100)
4999-1169-983	Glove Semperguard nitrile XL (box/100)

Wrist Length Latex Gloves

Item #	Description
004-021	Wrist Length Latex Gloves - Size S
004-022	Wrist Length Latex Gloves - Size M
004-023	Wrist Length Latex Gloves - Size L
004-024	Wrist Length Latex Gloves - Size XL



Miscellaneous Gloves

Item #	Description	Picture
045810029	Patch palm grain cowhide gloves	1
042002302	Hyd-Tuf Ansell Edmont Gloves - Size 9	2
042002303	Hyd-Tuf Ansell Edmont Gloves - Size 10	2
042002306	Hyd-Tuf Ansell Edmont Gloves - Size 10 (LINED)	2
044589011	Drivers glove-unlined grain leather-Small	3
044589014	Drivers glove-unlined grain leather-Medium	3
044589012	Drivers glove-unlined grain leather-Large	3
044589013	Drivers glove-unlined grain leather-Extra Large	3
045810007	Split leather pigskin work glove, palm lined	4
044900001	Split leather glove with pile lining	5
044900632	Grain Cowhide Gloves w/ Thinsulate lining	6
044900007	Black pile lined ski-doo mitt, split leather	7



Hard Hats & Liners

Item #	Description
3X33	Hard Hat (LR50 2PT Pinlock) blue
33860152	Hard Hat liner w/ Kasha flannel lining
33860049	Hard Hat liner w/ Kasha flannel lining & detachable mouthpiece
33860051	Hard Hat liner w/ Kasha lining & Zipper



3X33 (colour may not be exactly as shown)



33860049



33860051

Shovels & Spades

Item #	Description	Picture
092813081	Bow Rake (LBR14)	1
092813076	Garden Hoe (LGH6)	2
092817015	Turf Edger w/ foot steps (STED)	3
092812051	Poly Pusher 21" Grey (scraper) Industrial Quality	4
092812054	Poly Pusher 26" Grey (scraper) Industrial Quality	5
092812040	Poly Pusher 21" Red (scraper)	NS
092812042	Poly Pusher 26" Red (scraper)	NS



Shovels & Spades

Item #	Description	Picture
092811051	Shovel round point spade; D-grip (LHR2D)	1
092811052	Shovel round point spade; (LHR2L)	2
092811053	Shovel square point; D-grip (LHS2D)	3
092811054	Shovel square point; (LHS2D)	4
092811050	Garden Spade; D-grip (LHGS2D)	5

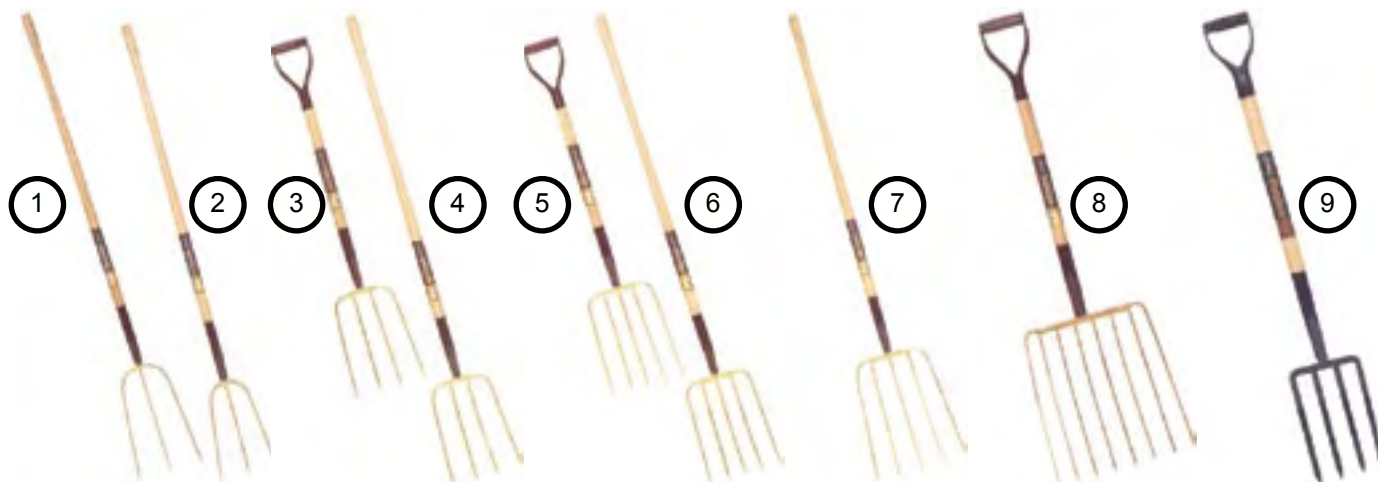
Item #	Description	Picture
092812006	Plastic Grain Scoop; D-grip (GPG12D)	6
092810003	Steel Grain Scoop; D-grip #4 (GSG04D)	7
092812004	Steel Grain Scoop; D-grip #8 (GSG08D)	8
092812003	Aluminum Grain Scoop; D-grip (LAG08D)	9



Hay/Barn/Manure Forks

Item #	Description	Picture
092814002	Hay Fork 3-tine; 54" handle (G031254)	1
092814001	Hay Fork 3-tine; 48" handle (G031248)	2
092814005	Manure Fork 4-tine D-grip (G0413D)	3
092814008	Manure Fork 4-tine (G0413L)	4
092814015	Manure Fork 5-13" tines D-grip (G0513D)	5
092814020	Manure Fork 5-13" tines (G0513L)	6

Item #	Description	Picture
092814027	Manure Fork 6-tine (G0613L)	NS
092814030	Manure Fork 6-tine D-grip (G0613D)	NS
092814026	Barn Fork 5-16" tines (G0516L)	7
092814031	Ensilage Fork 8-16" tines; D-grip (G0816D)	8
092814033	Garden Fork 4 wide tines; D-grip (G411D)	9





1

Brooms

Item #	Decription	Picture
260340761	Corn Broom Husky (corn/cane combo; 1-1/8" handle)	1
260340110	Corn Broom Husky (corn/cane combo; 15/16" handle)	1
4999-1150-087	Milk house broom - plastic bristles	NS
SBROM	Short Wisk Broom	NS

Heavy duty corn broom has a strip of stiff cane in the centre of the heavy-fill corn fibre. Reinforced centre gives it extra aggression for outdoor use.



2

260347118	Broom Head Medium Sweep Jumbo-18"	2
260347124	Broom Head Medium Sweep Jumbo-24"	2

Designed for heavier indoor sweeping, such as smooth concrete floors.



3

260347218	Broom Head Stiff Sweep Jumbo-18"	3
260347224	Broom Head Stiff Sweep Jumbo-24"	3
260347230	Broom Head Stiff Sweep Jumbo-30"	3
260347236	Broom Head Stiff Sweep Jumbo-36"	3

Designed for outdoor sweeping or aggressive indoor sweeping. PVC Fibres are ideal under wet or dry conditions, and are oil & solvent resistant.



4

260348118	Broom Head Blue Flonene Soft PVC-18"	4
260348124	Broom Head Blue Flonene Soft PVC-24"	4

Soft sweep broom is made of solvent & oil resistant PVC material, with flagged tips for fine dust. Retains bristle shape even after prolonged use.



5

4999-1150-078	Broom Head Prostran Street-Natural Palmyra-16" (6" bristles)	5
260347416	Broom Head Prostran Street-Synthetic-16" (4.25" bristles)	6
4999-1150-068	Broom Head Street-16" (blue 5.25" bristles)	NS

Soft sweep broom is made of solvent & oil resistant PVC material, with flagged tips for fine dust. Retains bristle shape even after prolonged use.



6

Complete Brooms

Item #	Description
99947	Professional Broom 24"



99947

Item #	Description	Picture
260340350	Broom Brace for standard brooms	NS
260342533	Broom Brace for Jumbo broom	7
260342532	Wood handle; 1" diameter x 60" (for jumbo style brooms)	8
260342504	Wood handle; 15/16" diameter x 54" w/ wood threaded tip	NS
260342505	Wood handle; 15/16" diameter x 54" w/ metal threaded tip	9
4999-1150-107	Wood handle; 1" diameter x 54" w/ wood tapered tip	10

8

9

10



7



7041

5500

Item #	Description
054-826	Hot Shot hog rattle-Blue
054-828	Hot Shot hog rattle-Green
054-824	Hot Shot hog rattle-Red
RP48	Hog Rattle - Kane 48"

Heavy Duty Black Garbage Bags

Item #	Description
3547GB	35" x 47" (Box of 100)
2636GB	26" x 36" (Box of 200)



70373



6440

2935



7086



7082



4189



3089



4185

LIVESTOCK MANAGEMENT TOOLS

Chase Boards

Item #	Description
18"SORP	Kane 18" x 30" Chase Board
3'SORP	Kane 36" Chase Board
4'SORP	Kane 48" Chase Board



18"SORP



3'SORP



4'SORP

Rattles

Item #	Description
054-826	Hot Shot hog rattle-Blue
054-828	Hot Shot hog rattle-Green
054-824	Hot Shot hog rattle-Red
RP48	Hog Rattle - Kane 48"



RP48



054-824

Hot Shot Stock Prods

Item #	Description
PROD-36R	Prod-HSR Rechargeable w/ RH-36 Shaft
PROD-36	Prod-HS 2000 w/ RH-36 Shaft
50H-PHRWS	Prod-HSR Rechargeable w/o Shaft
50H-PHSWS	Prod-HS 2000 w/o Shaft
50H-PLMPWS	Prod Blue LM Plus w/o shaft

Replacement Shafts

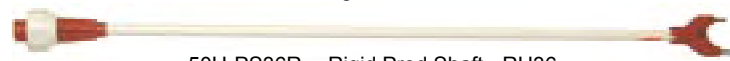
50H-PS24R	Prod Shaft - RH-24 - 15 3/4"
50H-PS36R	Prod Shaft - RH-36 - 27 3/4"
50H-PS48R	Prod Shaft - RH-48 - 39 3/4"
50H-PS60R	Prod Shaft - RH-60 - 52"
50H-PS22F	Prod Shaft Red Flex - FX-22 - 13 1/2"
50H-PS32F	Prod Shaft Red Flex - FX-32 - 23 1/2"
50H-PS42F	Prod Shaft Red Flex - FX-42 - 33 1/2"
50H-PS52F	Prod Shaft Red Flex - FX-52 - 43"

Other Replacement Parts

50H-PBATR	Prod Rechargeable Battery Pack RBP
50H-PBATA	Prod Battery Alkaline - 'C'
50H-PHSMO	Motor All Model - HS1
50H-PR110	Charger 110 volt for RBP
50H-PR12V	Charger 12 volt for RBP
50H-PBN&I	Shaft Nut & Bushing SS5
50H-PHSCA	Prod Case With End
50H-PHSCO	Prod Case With Out End
50H-PHSEC	Prod End Cap



PROD-36R -- Rechargeable Prod w/ RH-36 Shaft



50H-PS36R -- Rigid Prod Shaft - RH36



50H-PS42F -- Flexible Prod Shaft FX-42

Canes, Snares, & Whips

Item #	Description	Picture
50H-CANEP	Cane Plastic	1
50H-CANEE	Cane Wood	2
C00769N	Hog Catcher - Ring-o-Matic	3
27352	Mini Hog Snare	4



5



4



3

Hog Slaughter Pistol

Item #	Description
340-9900	MS Slaughter Pistol
340-9899	MS Slaughter Cartridges



Slaughter Pistol

Artificial Insemination Catheters

Item # Description

450-9935 Disposable Foam Catheters - Box of 500

450-9948 Catheters w/ extensions - Box of 250

450-9978 Catheters extension only - Box of 100

450-9904 Catheters for gilts - Box of 500

450-9901 MS Gel insemination lubricant - 500 ml

(450-9935 shown)



Marking Sprays

Item #	Description	Case
0301313	MS Marking Spray (500 ml) - green	12
0301314	MS Marking Spray (500 ml) - blue	12
0301315	MS Marking Spray (500 ml) - red	12
01201	Unimark (400 ml)-green	12
01200	Unimark (400 ml)-red	12
01202	Unimark (400 ml)-blue	12
283	Sprayolo Spray Bottle	n/a
358	Sprayolo Concentrate (16 oz) - Blue	n/a
342	Sprayolo Concentrate (16 oz) - Green	n/a
315	Sprayolo Concentrate (16 oz) - Pink	n/a
275	Sprayolo Refill (Gallon) - Blue	n/a
277	Sprayolo Refill (Gallon) - Green	n/a
281	Sprayolo Refill (Gallon) - Pink	n/a



Marking Sticks

Item #	Description	Case
006-508	Raidex Crayon - Black	10
006-509	Raidex Crayon - Blue	10
006-510	Raidex Crayon - Green	10
006-511	Raidex Crayon - Neon Pink	10
006-512	Raidex Crayon - Orange	10
006-513	Raidex Crayon - Purple	10
006-514	Raidex Crayon - Red	10
006-515	Raidex Crayon - Yellow	10
19115	MarKing stick-Black	10
19110	MarKing stick- Blue	10
19111	MarKing stick-Green	10
19114	MarKing stick-Red	10
C00010N	Allweather Paintstik - Yellow	12
C00011N	Allweather Paintstik - Red	12
C00012N	Allweather Paintstik - Blue	12
C00013N	Allweather Paintstik - Green	12
C01580N	Allweather Paintstik - Orange	12



Miscellaneous Odour Sprays

Item #	Description
009-186	No-Bite Anti-cannibalism spray-400ml
009-040	P.B.H.-Spray - aerosol against cannibalism-250ml
009-050	SOA - Sex odour aerosol for breeding-75ml

Do you have problems with tail-biting in your pens? Try **NO BITE** anti-cannibalism spray on your vulnerable pigs today!

NEW!



EAR TAGS

Duflex Large Cattle Ear Tags

Item #	Description
40-20200	Yellow - Blank
40-20201	Yellow - Set 1-25
40-20202	Yellow - Set 26-50
40-20203	Yellow - Set 51-75
40-20204	Yellow - Set 76 - 100
40-20100	Orange - Blank
40-20101	Orange - Set 1-25
40-20102	Orange - Set 26-50
40-20103	Orange - Set 51-75
40-20104	Orange - Set 76 - 100
40-20300	White - Blank
40-20301	White - Set 1-25
40-20302	White - Set 26-50
40-20303	White - Set 51-75
40-20304	White - Set 76 - 100
All of the above are packages of 25	

Duflex Extra Large Cattle Ear Tags

Item #	Description
40-10100	Orange - Blank
40-10500	Reg - Blank
40-10600	Blue - Blank
40-10300	White - Blank
40-10200	Yellow - Blank
All of the above are packages of 25	

Duflex Hog Ear Tags

Item #	Description
40-64100	Hog Max Orange - Blank
40-64300	Hog Max White - Blank
40-64200	Hog Max Yellow - Blank
40-64100	Medium Orange - Blank
40-64300	Medium White - Blank
40-64200	Medium Yellow - Blank

Numbered tags & other colours are available on request - call for details



Hog Max eartags



Medium eartags

Ear Tag Accessories

Item #	Description
40-909	Duflex tag applicator E-Tag Pro Grip
40-1901	Ear tag applicator pins
40-910	Supermark ear tag pen (with 3 tips)
40-907	Ear tag marker ink 2 fl. oz
40-999	Ear tag removal knife



40-909



40-1901



Looking for Canadian Cattle Identification Agency eartags?
Get your new CCIA-approved RFID ear tags from us. We'll get you what you need, and look after the registration process for you. Call us for details.



Destron e. Tag
RFID eartags



266-39



CTH

Cow Ties, Tail Holders & Trainers

Item #	Description
266-39	Heavy 39" long nylon cow neck strap tie with buckle
266-44	Heavy 44" long nylon cow neck strap tie with buckle
280CT	Black nylon cow tie 1-3/4" wide
CTH	Cow tail holder with ring & stretch rope
CTH-CONE	Cow tail holder with ring & stretch rope
CTH-ROPE	Cow tail holder cone only
JCT	Electric plated steel cow trainer (complete)
JCTSS	Electric SS cow trainer (complete)

Cow Leg Bands

Item #	Description
4999-1022-040	Ozzie Quick-A-Tatch Leg Band White (PK/10)
4999-1022-041	Ozzie Quick-A-Tatch Leg Band Yellow (PK/10)
4999-1022-042	Ozzie Quick-A-Tatch Leg Band Orange (PK/10)
4999-1022-043	Ozzie Quick-A-Tatch Leg Band Red (PK/10)
4999-1022-044	Ozzie Quick-A-Tatch Leg Band Blue (PK/10)
4999-1022-045	Ozzie Quick-A-Tatch Leg Band Green (PK/10)
4999-1022-046	Ozzie Quick-A-Tatch Leg Band Black (PK/10)
4999-1022-047	Ozzie Quick-A-Tatch Leg Band Neon-Pink (PK/10)
4999-1022-048	Ozzie Quick-A-Tatch Leg Band Neon-Green (PK/10)
4999-1022-049	Ozzie Quick-A-Tatch Leg Band Neon-Yellow (PK/10)
C08074N	Leg Band Multi-Loc Red (Caution)
C08076N	Leg Band Multi-Loc Red (Treated)
C08075N	Leg Band Multi-Loc Red (Dry)
C10607N	Leg Band Multi-Loc Red (Blank)
C12119N	Leg Band Multi-Loc Blue (Blank)
C05565N	Leg Band Multi-Loc Yellow (Blank)
C18915N	Leg Band Multi-Loc Lime Green (Blank)
C24470N	Leg Band Multi-Loc Pink (Blank)



Ozzie Quick-A-Tatch Leg Bands



Multi-Loc Leg Bands

Bandages

Item #	Description
4999-1110-581	Co-Flex Bandage 4" x 5 yards - Red
4999-1110-582	Co-Flex Bandage 4" x 5 yards - Blue
4999-1110-583	Co-Flex Bandage 4" x 5 yards - Green



Cattle Hobbles

Item #	Description
104411100	Nylon cow hobble w/ buckles
1SB	Cow Hobble (chain-style)
4999-1110-453	Ozzie's Split Gard Safety Hobble (yellow)
4999-1110-454	Ozzie's HD Split Gard Safety Hobble (green)
4999-1110-456	Cow Cufflink II hobble w/ buckles
4999-1110-485	Kow Kan't Kick Complete

"Magic" Grooming Products

Item #	Description
RF-890-153	Doc Brannen's Black Magic 10 Oz can
RF-889-153	Doc Brannen's Clear Magic 10 Oz can

Black Magic gives a deep natural black appearance and thicker look. Clear Magic tames hard-to-hold hair and adds a rich full look. Leaves hair soft and pliable after combing. Ideal for show cattle, dogs, sheep and horses too.



Plastic Balling Guns

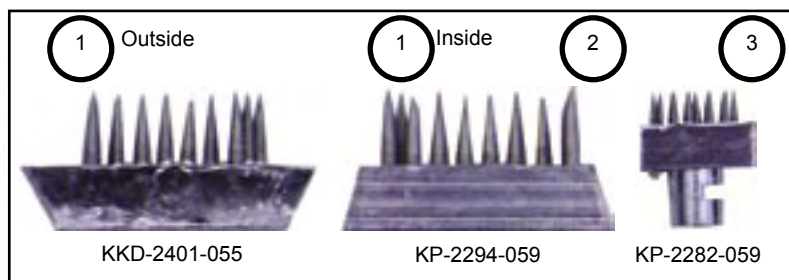
Item #	Description
C14842	Plastic balling gun for calf (young animal) 5/8" head x 14"
C14843	Plastic balling gun for cow (adult animal) 1" head x 17"

Plastic Balling Guns



Tattooing Products

Item #	Description
XKD-2400-055	Tattoo Rotary Hammer
KP-2293-059	Tattoo Stationary Stainless Steel Hammer
KP-2288-059	Tattoo Stationary Lever-Lock Hammer
XKD-2401-055	Tattoo Rotary Character
KP-2294-059	Tattoo Stationary Character
KP-2282-059	Tattoo Stationary Character w/ stem
KP-2290-059	Tattoo Ink Pad Complete
KP-2292-059	Pad Insert For Ink Box
RB-201-059	Inking Brush
KP-2283-059	Cleaning Brush
KI-1448-039	Ketchum Roll-On Tattoo Ink - Black
KI-1449-039	Ketchum Roll-On Tattoo Ink - Green
KI-1450-039	Ketchum Roll-On Tattoo Ink refill Black - 2 oz.
KI-1460-039	Ketchum Roll-On Tattoo Ink refill Green - 2 oz.
B-7 Black 1L	Ketchum B-7 Tattoo Ink 1L - Black
B-7 Green 1L	Ketchum B-7 Tattoo Ink 1L - Green
B-7 Black Ink 4L	Ketchum B-7 Tattoo Ink 4 L - Black
B-7 Green Ink 4L	Ketchum B-7 Tattoo Ink 4 L - Green



Numbers in circles indicate compatibility between hammers & characters.

Hypodermic Needles

Item #	Description
004-202	Hypodermic Needles 14 x 3/4 - 12 pkg
004-203	Hypodermic Needles 14 x 1 - 12 pkg
004-204	Hypodermic Needles 14 x 1-1/2 - 12 pkg
004-206	Hypodermic Needles 16 x 1/2 - 12 pkg
004-207	Hypodermic Needles 16 x 3/4 - 12 pkg
004-208	Hypodermic Needles 16 x 1 - 12 pkg
004-210	Hypodermic Needles 16 x 1-1/2 - 12 pkg
004-211	Hypodermic Needles 18 x 1/2 - 12 pkg
004-212	Hypodermic Needles 18 x 3/4 - 12 pkg
004-213	Hypodermic Needles 18 x 1 - 12 pkg
004-215	Hypodermic Needles 18 x 1-1/2 - 12 pkg
004-221	Hypodermic Needles 20 x 1/2 - 12 pkg
004-222	Hypodermic Needles 20 x 3/4 - 12 pkg
004-223	Hypodermic Needles 20 x 1 - 12 pkg



D3 Needles

Item #	Description
125-148	D3 Needle, 16G x 5/8"
125-150	D3 Needle, 16G x 3/4"
125-152	D3 Needle, 16G x 1"
125-154	D3 Needle, 16G x 1-1/2"
125-158	D3 Needle, 18G x 3/4"
125-160	D3 Needle, 18G x 1"
125-162	D3 Needle, 18G x 1-1/2"

Syringes

Item #	Description
SYR-3	Single Use Syringe - 3ml
SYR-5	Single Use Syringe - 5ml
SYR-6	Single Use Syringe - 6ml
SYR-10	Single Use Syringe - 10ml
SYR-12	Single Use Syringe - 12ml
SYR-20	Single Use Syringe - 20ml
SYR-30	Single Use Syringe - 30ml
SYR-35	Single Use Syringe - 35ml



HG-900

SE2072DSC

Dead Stock Movers

Item #	Description
HERCULES-VS	Hercules' Arm - Variable Speed (SR)
HERCULES-LH	Hercules' Arm - Two Speed (SR)
HERCULES-M	Hercules' Arm - Manual (JR)
HG-900	Hog-Gone Lift Dolly 900 Lbs capacity
SE2072DSC	Dead Stock Caddy - Sierens

See ad on page 110 for more information on Hercules' Arms

Sow Breeding Aids

Item #	Description
BNT	Blue Boar/Sow Neck Tether (collar)
RNT	Red Gilt Neck Tether (collar)
450-1980	Heat Detection Saddle



450-1980

For Professional Piglet Nursing Care in Your Own Barn

Piglet Nursing Cot and Caddy...

Designed by Pig Breeders for Breeders

Includes

- ① Caddy ② Cot with tool tray ③ Tool tray

Benefits

- Hand-free operation for maximum precision, uniformity and quality of nursing process
- Drastically decreases risks of post-surgical infection, complication and mortality
- Improves staff management and saves labor
- Eliminates repetitive movement risks of injury
- Adapts to any working technique
- Cot works at various angles from horizontal to vertical axis
- Allows for agreeable, efficient and safe process
- Optimizes piglet comfort and stabilization
- Caddy and cot are ergonomically adjustable in height

Quick,
simple and
easy to use



FREE
VIDEO

Patent
Pending

Optional Second Cot

Can be mounted on same caddy to speed up process

Bracket ④

To hang cot from your own nursing trolley

Log on www.ro-main.com

Concerned About **Employees' Safety**
and Expensive **Workers' Comp Claims?**

Penner Farm Services
has the **Solution!**



Most Ingenious Systems...
Designed by Pig Breeders for Breeders

Remove Heavy Dead Pigs
by Yourself, Effortlessly
and in Total Safety!

One-Worker Pig Hearse

Any lone male or female breeder can now easily remove a heavy dead or injured pig from the tightest confines without any risk of harm.

Mighty Pig Hearse

Hercules' Arm... A unique and revolutionary way to effortlessly remove, on your own and in total safety, heavy dead pigs from stalls, and haul them away to the designated area.

Herculean Hoisting Power

Hercules' Arm also allows you to lift heavy cumbersome objects in a pig unit; it has been specifically designed to eliminate any risk of back injury and make work so much easier.

Unequalled Maneuverability

Hercules' Arm's stunning maneuverability, tiltable telescopic boom and 180° pivotal mast, work in unison to optimize its operation. It easily turns the tightest corners and navigates around obstacles in any confinement unit.

Main Features

- 180° Pivotal Mast
- Flat Proof Tires
- 2 500 lbs Winch (24v)

Quality and Efficiency Without Compromise!

Log on www.ro-main.com



Most Efficient Sow Stimulation, Heat Detection and Insemination System on the Market!

Remote-Controlled, Self-Guided and Articulated Boar Cart...

Designed by **Pig Breeders** for **Breeders**

The Magic of Pheromones and Snout to Snout Contact!



BREEDER'S BEST BUDDY... SINCE 1997

WORLD-WIDE REPUTATION

Renowned and adopted by the worldwide community of pig producers. Genuine futuristic technology based on natural mating ritual of pigs. Has revolutionized the productivity of the swine industry since 1997. Ultimate and most efficient system on the market. Requires no barn modification. Unsurpassed precision. Using it is child's play!

REMOTE-CONTROLLED, SELF-GUIDED

Outstanding articulated boar cart; Optimizes sow fertility and makes work so much easier. Exposes boar to sows for optimal sustained snout-to-snout contact. Guarantee of maximum stimulation and successful insemination. Rigorous, precise, reliable, and efficient heat detection system; requires only 15 seconds per sow twice a day to stimulate and heat check. Drastically decreases number of heat returns and late weaners. Successfully proven and unique state-of-the-art heat detection tool; highly recommended by vets. Yields farrowing rates up to 95%; allows for 100% A.I.

QUICK PAYBACK!

One of the most cost-effective pieces of equipment in a pig barn. Fastest and best return on investment; payback less than 2 months for 1000 sows. Only one worker is needed. 100% rugged steel cart guarantees years of worry-free maintenance and easy sanitation.

Main Features

- Easily Turns Any Alley Corner
- Outstanding Reliability
- Absolute Safety
- Models: Jr: 20" (51 cm) and 22" (56 cm)
Sr: 23" (58.5 cm)

Log on www.ro-main.com



FREE 30-DAY TRIAL



HANDY REMOTE SELF-GUIDING SYSTEM



OPTIMIZED SNOUT TO SNOUT CONTACT

Sr
STAINLESS STEEL



ONE-WORKER OPERATION

Jr
GALVANIZED



ECONOMIC MODEL

FREE VIDEO

Cleaners & Detergents

Item #	Description
84166	Wisk Liquid Detergent 8L
95034	Snuggle Dryer Sheets (200 sheets)
94170	Snuggle Liquid 7.5L
80015	All Laundry Detergent (institutional formula) 15kg
80115	Sunlight Laundry Detergent (institutional formula) 15kg
1385010	Laundrex - Laundry Detergent 10kg
95020	Sunlight Heavy Duty Degreaser - 890ml
95021	Sunlight Oven and Grill Cleaner - 890ml
95027	Sunlight Floor and Multi Surface Cleaner
80260	Sunlight Dishwasher Detergent Powder 10kg
83006	Sunlight - Liquid Dishwashing Detergent 6L
80240	All Dishwasher Detergent Powder 10kg
0870018	Mirrolite - Automatic Dishwash Detergent 3Kg
0590012	D'Germ - Toilet and Urinal Cleaner 1L
8523254	Liquid Formula 22 (Tackle)
2472464	R7 Cream Cleanser (for use on floors/tiles/tubs) 1L

Best Seller!



Soap & Shampoo

Item #	Description
1558612	Lever Soap Dispenser
96512	Lever Antibacterial Liquid Soap refill - 800ml
81003	Lever 2000 Soap 87g Bar (case of 48)
81002	Dove Soap 99.2g Bar (case of 48)
84156	Lux Soap 90g Bar (case of 72)
7751-0240-613	Sure Comfort liquid hand soap w/ pump 16 oz.
7751-0240-397	Sure Comfort 1 Gal bulk
2009008	Finesse Shampoo (300 ml)



Disinfectants

Item #	Description
17000501D	Konk Disinfectant Spray 440g
LYSOL	Lysol Disinfectant Spray - 350g
02353001	Virkon disinfectant 50g
01111	Virkon disinfectant 500g
02353000	Virkon disinfectant 5kg
6310-08CA	One Stroke Environ - 4L

Paper Towels & Wipes

Item #	Description
8523242	Ready Wipe Pail
8523243	Ready Wipe Refill
01701573	Protec Paper Towels 16 x 250 towels
33955	Kim Towel (box of 88)
33900-60	Kim Towel (box of 176)
059999000	Kim Towel 38X31Cm Cs(300)
4999-1041-049	Paper towel dispenser-plastic 631P



Hand Cleaners

Item #	Description
LOC-25-108	Fast Orange Hand Cleaner - 225ml
LOC-25-116	Fast Orange Hand Cleaner - 15oz (400 ml)
LOC-25-218	Fast Orange Hand Cleaner - 3.78L
WORXDIS	Worx Hand Cleaner Dispenser
RH1394	Worx Hand Cleaner 1 lb/454 g
11-1450-01	Worx Hand Cleaner 4.5lb/2.04kg

Stalosan F

Stalosan F is a hygiene product for all animal housing. It provides antimicrobial and environmental control in animal houses, controlling:

- Bacteria
- Viruses
- Fungi
- Parasites
- Fly-larvae
- Moisture
- Ammonia
- Hydrogen Sulphides

Most effectively distributed with a leaf blower - animals do not have to be moved.



Stalosan F

Item #	Description
LOC-25-108	Fast Orange Hand Cleaner
- 225ml	
LOC-25-116	Fast Orange Hand Cleaner
- 15oz (400 ml)	

For use mainly in swine farrowing & nursery barn applications.

Best Seller!



Sani-Bed™

For use mainly in dairy bedding application.

Sani-Bed is a revolutionary bedding additive to reduce the risk of environmental mastitis

- Absorbs 150% of its weight in humidity
- Acidifies – creates a low pH environment that inhibits bacterial growth
- Absorbs ammonia - helps prevent ammonia build-up in the barn
- Safe and easy to use

Sani-Bed

Item #	Description
LOC-25-108	Fast Orange Hand Cleaner
- 225ml	



Sani-Bed

DAIRY SANITATION PRODUCTS

Sodium Hypochlorite (Chlorine)

Item #	Description
49057204	Sodium Hypochlorite (Chlorine) - 20L or 55L
50198260	Accu-Tab Calcium Hypochlorite - 25 KG
TEST576A	Chlorine Test Kit

Acid

Item #	Description
8523262	Acid CIP - 20L or 55L
8523173	Acid HD acid cleaner - 20L or 55L
7751-0041-20L	Effect 20L
7751-0041-55L	Effect 55L

Liquid CIP

Item #	Description
8523153	Chlorkleen - Heavy Duty (20L or 55L)
8521130	Kleenline 56.8L (Boumatic)
7751-2220-001	CircoPower AF222 20L
7751-2220-55L	CircoPower AF222 55L
7751-0040-396	Tri-Pfan 15 GAL



TEST576A

Accu-Tab
Chlorine Pucks

Barrel Pump

Item #	Description
100075	Barrel Pump 12"
DP36SPS	Barrel Pump 36"

Teat Dip

Item #	Description
7751-0241-270	Teat Kote 10/III 1 GAL
7751-0041-271	Teat Kote 10/III 5 GAL
7751-0041-272	Teat Kote 10/III 15 GAL
7751-0041-273	Teat Kote 10/III 30 GAL
7751-0041-275	Teat Kote 10/III 55 GAL
7751-0241-428	Teat Kote 1 GAL
7751-0041-429	Teat Kote 18.9L
7751-0041-430	Teat Kote 56.7L
7751-0041-449	Teat Kote 207.9L
7751-0241-423	Theratec 1 GAL
7751-0041-424	Theratec 18.9L
7751-0041-425	Theratec 56.7L
7751-0041-426	Theratec 113L
7751-0041-448	Theratec 207.9L
7751-0041-421	Theratec Plus 18.9L
7751-0041-422	Theratec Plus 56.7L
7751-0041-423	Theratec Plus 207.9L
7751-0041-554	Armor 18.9L
7751-0041-555	Armor 56.7L
7751-0041-557	Armor 207.9L

Item #	Description
7751-0240-647	Arrest 5L
7751-0041-464	Arrest 20L
7751-0041-465	Arrest 55L

Specialty Products

Item #	Description
7751-0240-552	Lira 1 GAL
7751-0040-570	Rave 25LB
7751-0240-397	Sure Comfort 1 GAL
7751-0240-279	MSR (Milk Stone Remover) 1 GAL
7751-0040-366	Dry Off - pint
FILMADINE22	Filmadine 22KG
FILMADINE	Filmadine 60KG
58616	Protek Teat Dip 55L
WC57	Wintercare 57L (Windip)

Powdered CIP

Item #	Description
7751-0040-677	Powder Pfitte 45LB pail
7751-0041-367	Powder Pfitte 100LB drum
7751-0040-165	Extreme 45 LB pail

Bedding Preservative

Item #	Description
906200	Sani-Bed 25KG
STALOSANF	Staloson F - 25G
7751-0040-140	Zorbisan 25KB

Teat Dip

Item #	Description
523201	HX Dip 10L
8523202	HX Dip 20L
8523203	HX Dip 55L
8523287	HX Dip 208L
8523631	Tru-Blu Ultra 10L
8523632	Tru-Blu Ultra 20L
8523633	Tru-Blu Ultra 55L
8523634	Tru-Blu Ultra 208L
8523213	HX Dip LV 55L
8523214	HX Dip LV 110L
8523637	Tru-Blu Ultra LV 55L
8523638	Tru-Blu Ultra LV 208L
8523182	Iodip 10 20L
8523183	Iodip 10 55L
8523184	Iodip 10 110L
8523284	Iodip 10 200L
8523520	Udderdine 110 20L
8523521	Udderdine 110 55L
8523522	Udderdine 110 208L
523246	Iokote 10L
8523247	Iokote 20L
8523248	Iokote 55L
8523249	Iokote 110L
8523293	Iokote 200L
8523511	Bovi-Kote 10L
8523512	Bovi-Kote 20L
8523513	Bovi-Kote 55L
8523514	Bovi-Kote 208L
804055	Mastimin 55L
804110	Mastimin 110L
823055	Mastimin 50 55L
823110	Mastimin 50 110L
823205	Mastimin 50 205L

Udder Wash

Item #	Description
523106	loKleen 10L (Iodine Udder Wash)
8523207	lokleen 20L (Iodine Udder Wash)
IOWASH	lokleen 55L (Iodine Udder Wash)
523208	Superwash 10L (Super Udder Wash)
8523209	Superwash 20L (Super Udder Wash)
7751-0241-377	K.O. Dyne iodine udder wash 1 GAL
7751-0040-608	K.O. Dyne iodine udder wash 18.9L

Towels / Wipes

Item #	Description
8523242	Ready Wipe Pail (per pail or case of 4 x 600)
8523243	Ready Wipe Refill (per pail or case of 5 x 600)
8525000	Kleen and Dri XL (per case of 2 x 1100)
4999-1041-067	Cloth Dairy Towel (aprox 600 per case)
1701573	Protec Paper Towels (per case of 16 x 250)

Vet Supplies

Item #	Description
003-157	Dry Cow - 10ML Albady Plus
NOVADRY	Novadry Mastitis Treatment
ORBESEAL	Orbeseal teat sealant
003-155	Special Formula - 20 x 10ml
002-363	Kopper Kare - 475ml
10B-SSB01	Super Scour Calf Bolus
100-LANO2	Lanovet Ointment - 400g
10L-BLGO1	Bloat Eze - 340ml
10L-IPA70	Isopropyl Rubbing Alcohol 500ml
10L-ITIN1	Stronger Iodine Tincture 500ml
10L-SSUS1	Scour Suspension 500ml
10P-BSTO1	Blood Stop Powder - 200g
02403	Antisep 2% - 500ml
4999-1180-018	Dr. Naylor Teat Dilators
4999-1187-139	Dr. Naylor Dehorning Paste - 4oz

Vacuum Pump Oil

Item #	Description
8503715	Boumatic 1 GAL
8503716	Boumatic 5 GAL
8553787	Boumatic Air Star 1 GAL
4021-0420-001	Westfalia-Surge 9.46L (2.5 GAL)

Foot Care

Item #	Description
HG10	Hoof Guard 10L
HG20	Hoof Guard 20L
7751-0274-044	Victory Topical Food Solution - 4L
7751-0274-045	Victory Food Bath Concentrate - 10L



HG20

Boumatic Air Tubes

Item #	Description
8501387	Air Tube 6-1/2"
8506732	Air Tube 7-1/2"
8506733	Air Tube 9"
8512007	Air Tube CLEAR (short) 7"

Other Cleaners & Chemicals

Item #	Description
4999-1161-033	Penetone Protective Cream 311 - 202g
7751-0240-281	Liquipafan detergent 1 GAL
0870018	Mirrolite - automatic dishwasher detergent - 3 KG
0590012	D'Germ - Toilet and Urinal Cleaner - 1L
0805845	Whirl Supreme 45KG drum
GPDET	General Purpose Detergent - 4L
1385010	Laudrex - Laundry Detergent (10kg)
7751-0040-027	Foam Glo SF 5 GAL
7751-0241-344	Mitrocin 1 GAL
7751-0040-070	Santex 35LB
7751-0040-071	Santex 100LB

Udder Ointments & Creams

Item #	Description
CITADEL	Citadel Udder Ointment - 400g
DYNAMINT	Dynamint Udder Cream - 500ml
DYNAMINTC	Dynamint Concentrated 12:1 Udder Cream - 500ml
100-UBUD2	Udder Butter - 400g
100-UBUD3	Udder Butter - 2 KG
100-RUDD2	Red Udder Ointment - 400g
100-RUDD3	Red Udder Ointment - 2KG
4999-1180-009	Corona Udder Butter - 200g (7 oz)
4999-1180-010	Corona Udder Butter - 935g (33oz)
4999-1180-011	Corona Udder Butter - 3KG (112 oz)
13220	Dr. Naylor Udder Balm - 255g (9oz)
100-BBJE1	B.B. Jell-Udder Balm - 400g
100-BBJE2	B.B. Jell-Udder Balm - 2KG
UDDERCOMFORT	Udder Comfort peppermint lotion 300ml
4999-1180-014	Bag Balm Ointment - 2KG (4-1/2lbs)
4999-1180-013	Bag Balm Ointment - 283g (10 oz)

Milk Antibiotic Residue Testing

Item #	Description
99-09290	Beta Lactam Test Kit (Each, box of 20 or 100)
99-09593	Tetracycline Test Kit (Each, box of 20)
98-09420-00	Snap Heater Blocks
98-21387-00	Snap Timers, 99 Minutes

**Salt Blocks**

Item #	Description
1551001	Salt Lick Cobalt 20KG
1551020	Salt Lick Trace Mineral™ 25 Sel 20KG

Westfalia-Surge Liners (Inflations)

Item #	Description
7750-0210-030	10-030 bulk
7750-0210-066	10-050 bulk
7750-0210-061	10-060 bulk
7750-2902-062	10-062 box (4)
7750-0210-063	10-063 box (4)
7750-2902-080	10-080 box (4)
4014-2902-006	25-000 bulk
7750-2725-060	25-060 box (4)
7750-0241-000	41-000 box (4)
4014-2902-012	41-007 bulk
4014-2902-027	41-086 bulk
4014-2902-009	41-004 bulk (2-piece)
7027-9926-290	Silicone N20 (stimulator) (2-piece)
7027-9926-260	Silicone M22 (stimulator) (2-piece)

KenAg Milking Filters

Item #	Description
D588	Ultraflow Socks and Tubes 2" x 24"
D584	Ultraflow Socks and Tubes 2-1/4" x 12"
D589	Ultraflow Socks and Tubes 2-1/4" x 24"
D591	Ultraflow Socks and Tubes 2-3/4" x 24"
D572	Break Proof Tubes and Socks 3" x 23-3/8"
D544	Break Proof Tubes and Socks 4-7/8" x 18"
D547	Break Proof Tubes and Socks 4-7/8" x 17"
D548	Break Proof Tubes and Socks 4-7/8" x 33-1/2"

Boumatic Liners (Inflations)

Item #	Description
8501193	RM1 Vented
8501192	RM1 Non-Vented
8502987	R1E Vented
8502971	R1E Non-Vented
8503237	RM1 Vented
8506751	Fluted Silicone
8510895	Magnum 400 Vented
8510890	Magnum 300 Non-Vented
8502968	R1C Vented
8502967	R1C Non-Vented
8504043	RF1 Vented
8501144	Vented Air Liner Milk Tube

Misc Liners (Inflations)

Item #	Description
916S	Dairymaster 916S
ID-08E	Conewango ID-08E
IB-R1C	Conewango IB-R1C
ID-01A	Conewango ID-01A
IS-60	Conewango IS-60
830610090	Alfa Laval 6100
99900680	Harmony narrow bore
99900785	Harmony wide bore
AL6U	Ultra Liner AL6U
FDU	Ultra Liner FDU
TLC-SB2000	Ultra Liner TLC-SB2000
01AU-LT	Ultra Liner 01AU-LT
6100U-LT	Ultra Liner 6100U-LT
B1U	Ultra Liner B1U
TLCB1	Triangular TLCB1
TLC-D2000	Triangular TLC-D2000

**Westfalia-Surge Air Tubes**

Item #	Description
4999-1090-203	Air Tube 3/16" x SU
4014-2638-010	Air Tube 9/32" x 7-1/2" (short)
4999-1090-204	Air Tube 9/32" x 7-1/2" DL/NP
4999-1090-205	Air Tube 9/32" x 9" DL

Bou-Matic® Solutions

***No dairy operation too small, no idea too big.
Regardless of the size of your dairy, Bou-Matic
can handle your toughest milking challenge.***

At Bou-Matic, we offer:

- Efficient cow traffic systems
We're the industry leaders in parlor and milking equipment design.
- Milking systems to fit your needs
Small and large-herd efficiencies and ease-of-cow movement.
- Quality milk harvest products
Well engineered equipment to help you with the ultimate goal of removing milk from the cow's udder... gently, completely and quickly.



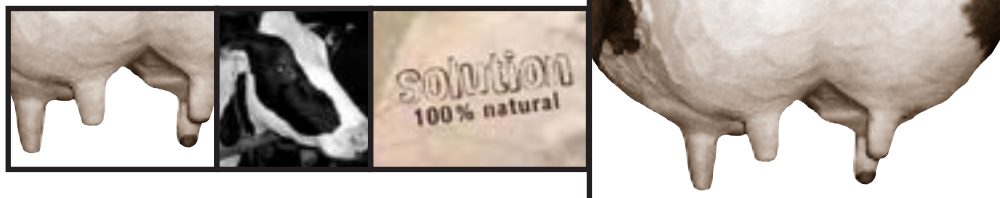
Available only in Manitoba

Available only in Manitoba

NUTRAPRO PRODUCTS FOR DAIRY

MASTITIS

For swelling, irritations, etc.



Solumine

 (Hydrosoluble supplement of vitamin D3 with scientific mixture of licorice and cinnamon)

To reduce inflammation and accelerate recovery.

Indication		Reg. no. 982326
At detection	60 ml and 6 hours later: 60 ml	
2 nd to 6 th day	30 ml in the morning 30 ml in the evening	

* Mastitis: if you have no result in the first 24 hours, add a treatment recommended by your veterinary.

Other applications for solumine

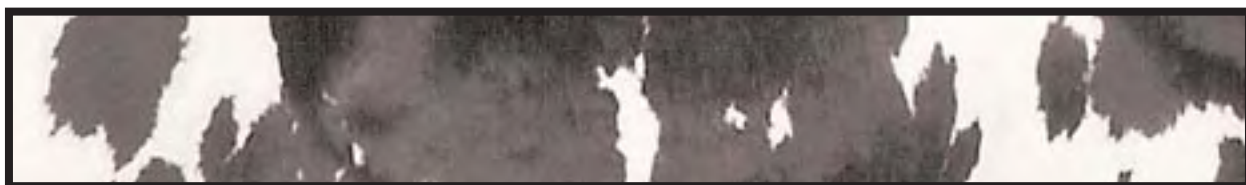
Indication	
Leg problems	60 to 100 ml daily for 7 to 15 days
Muscular inflammation	60 to 100 ml daily for 7 to 15 days
Calving time	60 to 100 ml daily 3 days before and 5 days after calving
Dairy cow in lactation	60 ml daily for 7 to 15 days
Dry cow	60 ml daily for 7 to 15 days
Fever	60 ml daily for duration of fever
Calf fever	2 to 4 ml daily for duration of fever
Transport	60 ml daily for 3 days before and 5 days after
Transport to slaughter	100 ml daily for 5 days before shipping
Transport of calves	before shipping and after arrival: 8 ml daily for 5 days



SOMATIC CELLS 30 days solution!

Bovistat cubes and Solumine liquid

Shock treatment formula					
	1 st week	2 nd week	3 th week	4 th week	5 th week
Bovistat daily	60 gr	40 gr	30 gr	20 gr	20 gr
Solumine daily	60 ml	40 ml	30 ml	20 ml	0



Bovistat (Vitamins C, E, beta-carotene and plants extract supplement)

Additive with an anti inflammatory agent, help strengthen the immune system of cows (controls all kind of stress).

Indication	Reg. no. 950203
20 gr per cow daily (prevention)	

Carbo-Calf (energetic supplement for calves)

To help start calves.

Indication	Reg. no. 680176
Starting calves	at arrival 100 gr per calf 100 gr per calf daily for 5 days

* Treatment period depends on the condition of the animal.



Nutrapro Products for Dairy

Item #	Description
NB7510270	Solumine-3.75L/1GAL
NB7510272	Solumine-18.9L/5GAL
NA7530401-25	Bovistat-25KG/55LB (powder)
NA7530401PEL-25	Bovistat-25KG/55LB (pellets)
NB7510361	Carbo Calf-10KG/22LB
NB7530130	EC Boost 5 KG/11LB

Item #	Description
NB7530208	Propack-EXP-5KG/11LB
NB7530203	Propack-EXP-10KG/22LB
NB7530250	Prosel-300 2L/HALF GAL
NB7530351	WGS-2KG/4.4LB
NB7530357	WGS-5KG/11LB
NB7530303	WGS-10KG/22LB

EC-Boost (Vitamin C and E supplement)

Reinforce the immune system and fight stress.

Indication	Reg. no. 981646
4 gr per cow daily	

Propack-EXP (Multivitamins and electrolytes supplement)

Strong vitamin supplement for cattle.

Indication	Reg. no. 981645
8 gr per cow and 4 gr per calf	

Prosel-300 (Liposoluble emulsion of vitamin E and Selenium)

Improve fertility and strengthen the immune system.

Indication	Reg. no. 981687
Fertility/reproduction system	8 ml daily for 5 days / month
Calf	2 ml per calf daily

* PROSEL-300 is not injectable but a top dress.
Garanteed vitamin E analysis available.

WGS (Vitamin and mineral supplements)

Relieve scour.

Indication	Reg. no. 981748
Calf scour / prevention	10 to 15 gr in the morning 10 to 15 gr in the evening
Calf scour	1 st day: 30 gr in the morning and 30 gr at night, orally. 2 nd day to 7 th day: 30 gr in the morning and 30 gr at night.



NUTRAPRO PRODUCTS FOR SWINE



EC-Boost (Vitamin C and E supplement)

Strengthen the immune system and reduce stress.

Indication

75 to 150 gr./4 litres of stock solution
with a proportioner set at 1:128.

Nutrox (Liquid vitamins C and D₃ supplement)

Clean water lines and reduce stress due to environmental changes.

Indication

325 ml/4 litres of stock solution
with a proportioner set at 1:128.

Porcistat (Vitamin C, E and beta-carotene and plant extract supplement)

Additive with an anti inflammatory agent, help strengthen the immune system of sow's (controls all kind of stress that affect reproduction) better heat detection, less repeat's...

Indication

Week 1 to 6	1 Kg per tonne
Week 7 to 12	750 grams per tonne
Week 13 to 18	500 grams per tonne
Week 18 and more	250 grams per tonne

Propack-Exp (Multivitamins and electrolytes supplement)

Powerful vitamin supplement for animals.

Indication

Entry of piglets in the nursery	150 ml/4 litres of stock solution with a proportioner set at 1:128. 5 days
Runt	2 gr./piglet 3 to 5 days

Prosel-300 (Liposoluble emulsion of vitamin E and Selenium)

Increases fertility and strengthen the immune system.

Indication

150 ml/4 litres of stock solution
with a proportioner set at 1:128.

Solumine (Hydrosoluble vitamin D3 and scientific mix of licorice and cinnamon)

Reduce fever, stress, inflammation and speed up recovery.



Indication	
Farrowing	16 ml/day 5 days before and 3 days after
leg problem	16 ml/day as needed
Piglet	2 ml/day for 3 days
Shipping	750 ml/4 litres of stock solution (prop. 1:128)
Fever (piglet)	2 ml/day as needed
Fever (sow, boar)	16 ml/day as needed



Nutrapro Products for Swine

Item #	Description
NB7530130	EC Boost 5KG/11LB
NB7510221	Nutrox-18.9L/5GAL
NA7530280-25	Procistat-25KG/55LB
NB7530203	Propack-EXP-10KG/22LB
NB7530208	Propack-EXP-5KG/11LB
NB7530250	Prosel-300 2L/HALF GAL

Item #	Description
NB7510270	Solumine-3.75L/1GAL
NB7510272	Solumine-18.9L/5GAL
NB7530351	WGS-2KG/4.4LB
NB7530357	WGS-5KG/11LB
NB7530303	WGS-10KG/22LB
NB7530400	WGS-ADD-20KG/44LB

WGS (Vitamin and mineral supplement)

Relieve piglet scour.

Indication
1/2 gr./kilo of the weight or 150 to 400 gr./4 litres of stock solution with a proportioner set at 1:128.

*see your representative for prevention dosage.

WGS-ADD

Gastro-regulator and growth promotant for growing pigs.

Indication
1 kg/metric ton of feed

*see your representative for prevention dosage.



NUTRAPRO PRODUCTS FOR POULTRY



EC-Boost (Vitamin C and E supplement)

Strengthen the immune system and reduce stress.

Indication

75 to 150 gr/4 litres of stock solution
with a proportioner set at 1:128.

Nutrox (Liquid vitamins C and D₃ supplement)

Clean water lines and reduce stress due to environmental changes.

Indication

500 ml/4 litres of stock solution
with a proportioner set at 1:128.

Prosel-300 (Liposoluble emulsion of vitamin E and Selenium)

Increases fertility and strengthen the immune system.

Indication

90 ml/4 litres of stock solution
with a proportioner set at 1:128.

Propack-Exp (Multivitamins and minerals supplement)

Powerful vitamin supplement for animals.

Indication

**Poultry
and turkey**

150 ml/4 litres of stock solution
with a proportioner set at 1:128.



Nutrapro Products for Poultry

Item #	Description
NB7530130	EC Boost 5KG/11LB
NB7510221	Nutrox-18.9L/5GAL
NB7530250	Prosel-300 2L/HALF GAL
NB7510270	Solumine-3.78L/1GAL
NB7510272	Solumine-18.9L/5GAL
NB7530203	Propack-EXP-10KG/22LB
NB7530208	Propack-EXP-5KG/11LB
NB7530400	WGS-ADD-20KG/44LB

Solumine (Hydrosoluble vitamin D3 and scientific mix of licorice and cinnamon)

Reduce fever, stress, inflammation and speed up recovery.

Indication

**Poultry
and turkey**

1000 ml/4 litres of stock solution
with a proportioner set at 1:128.

WGS-ADD

Gastro-regulator and growth promotant for poultry and turkey (reduce fecal moisture).

Indication

1 kg/metric ton of feed

Konk Products

Item #	Description
25000817C	Konk Trio Automatic Dispenser w/ Deodorizer & 418
14000418C	Konk 418 Insectide
14000408C	Konk 408 Insectide
14000409C	Konk 409 (BVT)
14000416C	Konk 416 (CSA)
14000473A	Konk Too Insectide
14000499D	Konk 499 Crawling Insect Killer 482g
14000902D	Konk Flea Killer - Dog & Cat Spray
14000921D	Konk ABS Horse Spray
14000970D	Konk Hornet and Wasp Spray
14000973D	Konk Insecticide Foam Spray 496 g



Insect Repellent

Item #	Description
14000904D	Konk spray can 190g
14799	Watkins lotion 240 ml
307890045	Muskol spray can 125g



Konk Deodorizer Spray

Item #	Description
31100609D	Konk Air Deodorizer - Green Apple 200g
31100610D	Konk Air Deodorizer - Classic Cherry 200g
31100612D	Konk Air Deodorizer - Floral Bouquet 200g
31100613D	Konk Air Deodorizer - Orange Burst 200g
31100614D	Konk Air Deodorizer - Baby Powder 200g
31100616D	Konk Air Deodorizer - Ordour Neutralizer 200g
31100617D	Konk Air Deodorizer - Exotic Garden 200g

Herbicides

Item #	Description
00801	Par III Herbicide 1L
00802	Par III Herbicide 10L



Foggers & Other Fly Control

Item #	Description
BUG-KILLER	Bug Killer - Propane Outdoor Fogger
409417	Fog Master insect fogger
409461	Hurricane ULV Fogger
13000059D	Wilson Mosquito Fogging Insecticide - 2L
02308036	Disvap Spray (595g)
02302037	Disvap IV - 4L
02302022	Disvap IV 20L
02309022	Starbar Premium Fly Bait 680g
02309022	Starbar Premium Fly Bait 2kg
036-002	Giant Fly Relief Disposable Fly Trap
16000016A	Stimukil Fly Bait - 400g
22000070D	Disposable Rescue Fly Trap
329024	Prelude Insecticide 1L
329026	Prelude 240 3.78L
4999-1050-114	Catchmaster Fly Glue Trap
40L-ECTIB	Ectiban 500ml
40P-DRIK2	Dri-Kill 4kg
40P-DRIK1	Dri-Kill 900g
22000054D	Sticky Fly Ribbon
40L-MALA2	Malathion 500ml (50%)
02302055	Malathion 1 lt (50%)
02302057	Malathion 4 lt (50%)



4999-1050-164



409461



409417

Item #	Description
DE1418	Aeroxon bulk-pack fly catchers (box of 100)
033-100	Liquid Lice-X 4L
033-102	Liquid Lice-X 10L
12000033C	Tempo 20 WP Insecticide (cyfluthrin 20%) - 420g
036-200	Farnam Fly Trap "Fly Terminator"
036-010	Farnam Fly Trap Attractant 4oz (refill)
21144	Curtain Fly Trap 7 Metre (Silvandersson)
4999-1050-088	Fly Trap Roll 9 meter
CB-1000	Cluster Buster Fly Trap
4999-1050-164	Kentucky Fly Shield 1 Litre (w/ sprayer)
4999-1050-165	Kentucky Fly Shield 4L

Pest Control - Traps

Item #	Description
361093	Generation Mini Blocks - 10 Kg Pail
361098	Generation Pellets Mini Place Packs 2.5 Kg pail or
361096	Generation Pellets - 5 Kg Pail
11000004C	Rat-X Dura Block - 450g
11000026C	Pink Pussycat Rat-XB Meal (140 x 50g) - 7 Kg Pa
11000035C	Pink Pussycat Rotoxin Pellets (200 x 50g) - 10 Kg
11000036C	Pink Pussycat Ratoxin Pellets (100 x 50g) - 5 Kg P
11000052C	Pink Pussycat Ratoxin Meal Bait - 15 Kg Pail
11000053C	Pink Pussycat Ratoxin Pellets - 7 Kg
11000054C	Pink Pussycat Ratoxin Pellets - 15 Kg
12345	Ramik Green 10 Kg Pail
366022	Ratak Weather Block
11000013D	The Giant Destroyer - Gas Rodent Killer (4 Pack)
361080	Maki - Place Pack Rodenticide Meal Bait 43g
454016	Victor Mouse Trap
BST-GRANULA-000	Koenders Verminator Bait Station (case of 4)



454708



454016
Victor Mouse Trap

- The small opening on the Verminator bait station is safe for pets or barn animals. Also, small entry openings are attractive to rodents.
- Notches on the bottom keep bait from being tracked out as rodents eat.
- Exterminates more rodents because of its unique shape - designed to fit into narrow channels frequented by rats & mice.
- Rodents remain hidden while feeding, so they frequent the station more often than with exposed traps
- 5" high x 24" long x 4" diameter.



210069D



21000021D



21000011D



Verminator Bait Station

Best Seller!



361093
Generation Mini Blocks 10 Kg



11000026C
Pink Pussycat Rat-XB Meal (pail
of bags)



110085C

Pest Control - Poison

Item #	Description
361093	Generation Mini Blocks - 10 Kg Pail
361098	Generation Pellets Mini Place Packs 2.5 Kg pail of 25g pkg
361096	Generation Pellets - 5 Kg Pail
11000004C	Rat-X Dura Block - 450g
11000026C	Pink Pussycat Rat-XB Meal (140 x 50g) - 7 Kg Pail
11000035C	Pink Pussycat Rotoxin Pellets (200 x 50g) - 10 Kg Pail
11000036C	Pink Pussycat Ratoxin Pellets (100 x 50g) - 5 Kg Pail
11000052C	Pink Pussycat Ratoxin Meal Bait - 15 Kg Pail
11000053C	Pink Pussycat Ratoxin Pellets - 7 Kg
11000054C	Pink Pussycat Ratoxin Pellets - 15 Kg
12345	Ramik Green 10 Kg Pail
366022	Ratak Weather Block
11000013D	The Giant Destroyer - Gas Rodent Killer (4 Pack)
361080	Maki - Place Pack Rodenticide Meal Bait 43g
454016	Victor Mouse Trap
BST-GRANULA-000	Koenders Verminator Bait Station (case of 4)

Pest Control - Other

Item #	Description
361093	Generation Mini Blocks - 10 Kg Pail
361098	Generation Pellets Mini Place Packs 2.5 Kg pail of 25g pkg
361096	Generation Pellets - 5 Kg Pail



2600012D



098250001 - Vise Grip - 10R

Vise Grips

Item #	Description
098250002	Vise Grip 7R (Straight jaw)
098250001	Vise Grip 10R (Straight jaw)
098250040	Vise Grip 7CR (Curved jaw)
098250042	Vise Grip 10CR (Curved jaw)
098250005	Vise Grip 5WR (Curved jaw, wire cutter)
098250004	Vise Grip 7WR (Curved jaw, wire cutter)
098250003	Vise Grip 10WR (Curved jaw, wire cutter)



Best Seller!

Screwdrivers

Item #	Description
MEGAPRO Megapro 15 in 1 Screwdriver (hex bits)	
105010	Pro-Grip Screwdriver Set-10pc
105015	Pro-Grip Mechanic Screwdriver Set-15pc
104620	Pro-Grip Professional Screwdriver Set-20pc
105534	Ratchet Screwdriver and Socket Set-34pc
644-142	Screwdriver with Light-9-in-1



1097C



Individual screwdrivers & nut drivers are also available - call for details

Hex Key Sets

Item #	Description
028230	Hex Key Set-30 pc SAE & Metric
029208	Hex Key Set-7 pc folding SAE
029308	Hex Key Set-7 pc folding Metric

Tape Measures

Item #	Description
026099	Tape Measure 25' x 1" w/ rubber grip
7024	Tape Measure 25' x 1" SAE/metric (orange)



026099



7024

Thermometers

Item #	Description
CA1080	Farmtek 6" Plastic Thermometer
CA100	Farmtek Hi-Low Memory Thermometer
CA101	FarmTek 15" Thermometer



1326



CEMIR88



1367

Lubricants & Penetrants

Item #	Description
1999	Releasall - 454g
091320002	WD40 Lubricant Spray 11oz
4999-1110-704	Fluid Film Lubricant - 333g
EXCEL 440	Excel 440 Penetrant - 340g
76764	Anti-Seize Lubricant 454g
76759	Anti-Seize Lubricant - 340g
133H	Anti-Seize Lubricant 113g
70835	Ridgid Nu-Clear Thread Cutting Oil - 3.785L
C02016	LPS TKC All Purpose Lubricant
120DA	Belt Dressing 340g
M208C	Gunk Stop Slip Belt Dressing (non-lubricated) 170g
KP-53	KP 53 Penetrating Oil - 400g
THORLUBE	Thorlube LTP



Yard King

Item #	Description
00801	Par III Herbicide 1L
00802	Par III Herbicide 10L

- The Hitch & Go Extension System provides an excellent solution for handling larger than truck bed loads.
- Complete with adjustable bracket arms, it can adjust to various lengths from 2-1/2 feet to 5-1/2 feet.
- Easy to use, installs on a class 3 hitch, and loads up to 600 lbs / 271 kg.



We also carry a wide selection of V-belts, pulleys, bushings, bearings, sprockets, & roller chain. Give us a call and we'll help get you going again!

Welding Rods

Item #	Description
E317L-17	SS Welding Rod 2.4mm (3/32") - 2.5kg/5.5 Lbs
PRO-2018-18	Prostar Welding Rods 2018 - 1/8" - 11 Lbs
PRO-2018-532	Prostar Welding Rods 2018 - 5/32" - 11 Lbs
PRO-6013-18	Prostar Welding Rods 6013 - 1/8" - 11 Lbs
PRO-6013-332	Prostar Welding Rods 6013 - 3/32" - 11 Lbs
PRO-7018-18	Prostar Welding Rods 7018 - 1/8" - 11 Lbs



Hitch Pins

Item #	Description
66254	Hitch Pin 7/8" x 4-1/2"
66258	Hitch Pin 7/8" x 6-1/2"
66259	Hitch Pin 1" x 7-1/2"
66255	Hitch Pin 1 x 4-1/2
HP-14880	Hitch Pin 5/8 x 6
66251	Hitch Pin 1/2 x 3-5/8
66252	Hitch Pin 5/8 x 4
66256	Hitch Pin 5/8 x 5-1/2
HP-1503	Hitch Pin 3/4 x 4
66257	Hitch Pin 3/4 x 6-1/2
HP-1506	Hitch Pin 7/8 x 6-1/2
HP-1508	Hitch Pin 1 x 7-1/2
66260	Hitch Pin 1-1/8 x 8-1/2
66261	Hitch Pin 1-1/4 x 8-1/2
HP-1514	Hitch Pin 1-1/2 x 8-1/2
HP-15190	Hitch Pin 1/2 x 4
HP-15200	Hitch Pin 5/8 x 4-1/2
66253	Hitch Pin 3/4 x 4-1/2
HP-17890	Hitch Pin 1 x 6-1/2
HP-17900	Hitch Pin 1-1/8 x 8
HP-18000	Hitch Pin 1-1/4 x 7



Turbomax Drillbits

Item #	Description
IR731481	Turbomax 29 piece Drillbit set
IR73104	Turbomax Bit 1/16"
IR73105	Turbomax Bit 5/64"
IR73106	Turbomax Bit 3/32"
IR73107	Turbomax Bit 7/64"
IR73108	Turbomax Bit 1/8"
IR73109	Turbomax Bit 9/64"
IR73110	Turbomax Bit 5/32"
IR73111	Turbomax Bit 11/64"
IR73112	Turbomax Bit 3/16"
IR73113	Turbomax Bit 13/64"
IR73114	Turbomax Bit 7/32"
IR73115	Turbomax Bit 15/64"
IR73116	Turbomax Bit 1/4"
IR73117	Turbomax Bit 17/64"

Item #	Description
IR73118	Turbomax Bit 9/32"
IR73119	Turbomax Bit 19/64"
IR73120	Turbomax Bit 5/16"
IR73121	Turbomax Bit 21/64"
IR73122	Turbomax Bit 11/32"
IR73123	Turbomax Bit 23/64"
IR73124	Turbomax Bit 3/8"
IR73125	Turbomax Bit 25/64"
IR73426	Turbomax Bit 13/32"
IR73127	Turbomax Bit 27/64"
IR73128	Turbomax Bit 7/16"
IR73129	Turbomax Bit 29/64"
IR73130	Turbomax Bit 15/32"
IR73131	Turbomax Bit 31/64"
IR73432	Turbomax Bit 1/2"

Hilti Concrete Bits

Item #	Size
85-200000-HILTI 3/16X6	3/16" x 6"
85-200000-HILTI 1/4X4-1/2	1/4" x 4-1/2"
85-200000-HILTI 1/4X6	1/4" x 6"
85-200000-HILTI 5/16X6	5/16" x 6"
85-200000-HILTI 3/8X6	3/8" x 6"
85-200000-HILTI 3/8X12	3/8" x 12"
85-200000-HILTI 7/16X6	7/16" x 6"
85-200000-HILTI 1/2X12	1/2" x 12"
85-200000-HILTI 1/2X6	1/2" x 6"
85-200000-HILTI 5/8X12	5/8" x 12"
85-200000-HILTI 5/8X8	5/8" x 8"
85-200000-HILTI 3/4X8	3/4" x 8"

(for use with Hilti brand drills only)



Pipe & Tubing Cutters

Item #	Description
91125	Rigid PVC Pipe Cutter 138
1517	Kwik Cut Plastic Pipe and Hose Cutter
1518	Kwik Cut Plastic Pipe, Hose, & Conduit Cutter



91125



1517



061004 - 4 pc plier set

Pliers & Cutters

Item #	Description
061003	3 Piece Mechanics' Plier Set
061004	4 Piece Mechanics Plier Set
062298	3 Piece Groove Joint Plier Set
097675351	Task Slip Joint Plier 6"
097675363	Task 7-1/2" Diagonal side Cutter
097675343	Groove Joint Plier 10"
098250103	Aviation/sheet metal snips straight 103 (yellow hdl)
690-356	Bolt Cutter-24"

Hammers

Item #	Description
050210	Rubber Mallet w/fibreglass handle 16oz
051416	Claw Hammer w/fibreglass handle-16oz
051932	Ball Pein Hammer w/Fiberglass Handle-32oz



051416 - Claw Hammer

OLFA Utility Knives

Item #	Description
094700180	Olfa Multipurpose Knife (180)
094700001	Olfa Heavy Duty Utility Knife (L-1)
094700010	Olfa Extra Heavy Duty Utility Knife w/ rubber grip (H-1)
094700182	Olfa Blade (AB-10B)-10 blades-(for 180)
094700029	Olfa Blade (LB-10B)-10 blades-Heavy Duty (for L-1)
094700032	Olfa Blade (HB-50B)-5 blades-Extra Heavy Duty (for H-1)



Olfa H-1 Knife



Olfa L-1 Knife



Olfa 180 Knife

Cut off & Grinding Wheels

Item #	Description
20013	Grind Wheel - 4 x 1/4 x 5/8-DG
20063	Grind Wheel - 4-1/2 x 1/4 x 7/8-DG
20073	Grind Wheel 5 x 1/4"-DG
20080	Grind Wheel 7 x 1/4"-DG
20081	Grind Wheel 7 x 1/4"-DG - Metals/SS
20090	Grind Wheel 9 x 1/4"-DG
22053	Grind Wheel - 7 x .045 x 7/8-DG
22055	Grind Wheel 7 x 1/8"-DG
22014	Cut Off Wheel 4 x 1/8"-DC
22070	Cut Off Wheel 5 x 3/32-DC - Metals/SS
22071	Cut Off Wheel 5 x .045 x 7/8-DC - Metals/SS
22072	Cut Off Wheel - 4-1/2 x .045 x 7/8-DC - Metals/SS
22073	Cut Off Wheel - 5 x .045 x 7/8-DC - Metals/SS
22088	Cut Off Wheel - 7 x .045 x 7/8 - Metals
23101	Cut Off Wheel - 4-1/2 x .045 x 7/8 - Metals
23103	Cut Off Wheel - 5 x .045 x 7/8 - Metals
23230	Cut Off Wheel - 7 x 3/32 x 5/8 - Metal
23231	Cut Off Wheel - 7 x 3/32 x 5/8 - Concrete
24035	Cut Off Wheel - 10 x 3/32 x 5/8 - Metals



Cut off wheel with depressed centre

DC - Depressed Cutting
DG - Depressed Grinding

Combination Wrenches

Metric

Item #	Size (mm)
C3106	6
C3107	7
C3108	8
C3109	9
C3110	10
C3111	11
C3112	12
C3113	13
C3114	14
C3115	15
C3116	16
C3117	17
C3118	18
C3119	19
C3120	20
C3121	21
C3122	22
C3123	23
C3124	24
C3125	25
C3126	26
C3127	27
C3128	28
C3129	29
C3130	30
C3132	32

SAE

Item #	Size
C3208	1/4"
C3210	5/16"
C3212	3/8"
C3214	7/16"
C3216	1/2"
C3218	9/16"
C3220	5/8"
C3222	11/16"
C3224	3/4"
C3226	13/16"
C3228	7/8"
C3230	15/16"
C3232	1"
C3234	1-1/16"
C3236	1-1/8"
C3238	1-1/4"
C3242	1-5/16"
C3244	1-3/8"
C3246	1-7/16"
C3248	1-1/2"



Socket Sets

Item # Description

026099 Socket set 3/8" drive 21 pc
 092906200 Socket set 1/2" drive 17 pc
 097677908 Socket set 1/4" - 3/8" - 1/2" drives-52 pc



Individual sockets and ratchets are also available - call for details

Adjustable Wrenches (Crescent)

Item #	Description
026099	Wrench set 4 Piece Adjustable (crescent)
092906200	Wrench 4" Adjustable (crescent)
097677908	Wrench 8" Adjustable (crescent)
097677910	Wrench 10" Adjustable (crescent)
093249112	Wrench 12" Adjustable (crescent)
093249115	Wrench 15" Adjustable (crescent)



Wrench Sets

Item #	Description
021014	Combination Wrench Set-14 Piece (SAE)

Handyman Tool Set

Item #	Description
062298	Handyman tool set - 3 pc

Includes 1 x 10" groove joint plier, 1 x 10" vise grip, and 1 x 10" Adjustable wrench

Pipe Wrenches

Item #	Description
027014	Pipe wrench steel 14"
027018	Pipe wrench steel 18"
027024	Pipe wrench steel 24"
027114	Pipe wrench aluminum 14"
027118	Pipe wrench aluminum 18"
027124	Pipe wrench aluminum 24"



Tie down straps

Item #	Description
094997090	Tie Downs C/W Hooks 9"
094997091	Tie Downs C/W Hooks 15"
094997092	Tie Downs C/W Hooks 21"
094997093	Tie Downs C/W Hooks 30"
390399	Bungee cord straps - 6 pc HD set (12",18",24")
390398	Bungee cord straps - 6 pc HD set (18"-72")
6316	Ratchet Tie-Down Strap-16 ft - 3,000 lbs
390501	Ratchet Tie-Down strap-20 ft - 2,500 lbs
390504	Ratchet Tie-Down Strap-30 ft -10,000 lbs



094997090 - Tie-Down C/W Hooks - 9"



Cable Ties (Zip Ties)

Item #	Description
CTB14-120	Cable Tie 14" 120lb - Black
CTW14-050	Cable Tie 14" 50 Lb - White
CTB11-050	Cable Tie 11" 50 Lb - Black
CTW11-050	Cable Tie 11" 50 Lb - White
CTB08-120	Cable Tie 8" 120 Lb - Black
CTW08-120	Cable Tie 8" 120 Lb - White



Tapes & Misc Fasteners

Item #	Description
091200620	Duct Tape 953/620 2" x 60 Yd Roll
091200246	Duct Tape 620 1" X 60 Yd Roll
091202430	Packing Tape 6100 2" x 144 Yd Roll
091200301	Masking Tape 1" x 60 yard roll
093246001	Flag Tape Orange
093246002	Flag Tape Pink
093246003	Flag Tape Lime Green
093246004	Flag Tape Blue
091520001	#16 Mechanic Wire 3LB
8834407	All Round Copper Strapping - 3/4" 25'
24200	Blue Threadloc (medium strength) - 6ml
24240	Blue Threadloc (medium strength) - 36ml
26200	Red Threadloc (extra strength) - 6ml
26240	Red Threadloc (extra strength) - 36ml
4214002	Zippy Wrap



Gasoline Containers

Item #	Description
257050010	Gasoline can 2-Gal
257050020	Gasoline can 5-Gal

Utility Scales

Item #	Description
AM2501	Kilotech Counter Scale 26lb
AM5002	Kilotech Counter Scale 50lb
C06369N	Taylor 3420 20lb Dial Hanging Scale



AM2501

C06369N



Dust Masks & Ear Plugs

Item #	Description	Box
050100950	North RP1500 Dust Mask	50
050250020	Moldex Particulate Respirator 2300N95	10
059000003	3M 8210 Respirator mask	20
059008214	3M 8214 Respirator N95 Particulate	10
059000005	3M 8511 Respirator	10
059999010	Howard Leight Ear Muff (25 db)	1
059002001	3M 1110 Corded foam ear plugs (pair) (29 db)	100
059009000	Yellow disposable ear plugs (pair)	100
059-032	OB Ag-Tek 1.3 mil disposable gown w/ties	15
059-034	OB Ag-Tek 4.5 mil disposable apron w/ties	10

Applications
Disposable mask for protection against non-toxic dusts
Respirator for use against particulate aerosols free of oil
Protection against non-toxic dusts such as from coal or flour
Use when welding on stainless steel, galvanized, aluminum
Particles from grinding, sanding, sweeping, and sawing

059009000
Yellow ear plugs



059000005
3M 8511 Respirator

Personal H₂S Sensors

Item #	Description
011320001	Poly Boot cover - tie top (4 Mil) (5 pairs)
01350	Poly Boot cover - elastic top (5 pairs)

- PAC-3000 - Indicates gas concentration during alarm
- PAC-5000 - Continuous gas concentration display
- Both units alarm vibrating, acoustical, and optical reactions

PAC-3000



Ice Melter

Item #	Description
011320001	Poly Boot cover - tie top (4 Mil) (5 pairs)
01350	Poly Boot cover - elastic top (5 pairs)



Penner Farm Services offers fire extinguisher recharging and inspections. Badger fire extinguishers are rated for usage in corrosive environments such as barns, and are built to last longer in that environment. Accept nothing less!



Safety Harness/Lanyard

Item #	Description
PB-125-38	Puckboard 3 ft x 8 ft x 1/8" thick
PB-125-48	Puckboard 4 ft x 8 ft x 1/8" thick
PB-1438	Puckboard 3 ft x 8 ft x 1/4" thick
PB-1448	Puckboard 4 ft x 8 ft x 1/4" thick

Poly Boot Covers (slip over)

Item #	Description
011320001	Poly Boot cover - tie top (4 Mil) (5 pairs)
01350	Poly Boot cover - elastic top (5 pairs)

Fire Extinguishers

Item #	Description
FIREEXT25	Fire Extinguisher ABC W/B 2.5 lb
FIREEXT5	Fire Extinguisher ABC W/B 5 lb
FIREEXT10	Fire Extinguisher ABC W/B 10 lb

Safety Glasses & Goggles

Item #	Description
050100011	Safety goggles w/ strap (clear)
059996331	Safety glasses (tinted)
050251000	Safety glasses w/ side protection (clear)



050100011
Safety Goggles w/ strap



059996331
Safety Glasses (tinted)

Stainless Steel Hinges

Item #	Description
2-SS-BH	Butt Hinge SS 2" x 2" (each)
3-SS-BH	Butt Hinge SS 3" x 3" (each)
4-SS-BH	Butt Hinge SS 4" x 4" (each)
N276-964	Door Hinge 2" SS (square corner)
4-SS-TH	Tee Hinge SS 4"

Tee Hinges

Item #	Description
N205-245	Tee Hinge 4" Extra Heavy ZP
N129-171	Tee Hinge 6" Extra Heavy ZP
N129-221	Tee Hinge 8" Extra Heavy ZP
N128-900	Tee Hinge 10" Extra Heavy ZP

**Strap Hinges**

Item #	Description
N127-969	Heavy Strap Hinge 4" ZP
N128-074	Heavy Strap Hinge 6" ZP
N128-157	Heavy Strap Hinge 8" ZP
N127-878	Heavy Strap Hinge 10" ZP



55-9020



N227-280 Heavy Barrel Bolt



711469

We carry a wide variety of latches & hinges - call us for more information.

Door Pulls & Latches

Item #	Description
711469	Jumbo Galvanized Door Pull
710654	Jumbo White Door Pull
55-9020	Garage Door Pull - 7 3/4" ZP
N227-355	Barrel Bolt 4" ZP
N227-371	Barrel Bolt 5" ZP
N227-280	Barrel Bolt Heavy 6" ZP
N151-167	Barrel Bolt Extra Heavy 8" ZP
PL-L	Barn door latch (Plett Latch) Left Hand
PL-R	Barn door latch (Plett Latch) Right Hand

Puckboard & Flashing

Item #	Description
PB-125-38	Puckboard 3 ft x 8 ft x 1/8" thick
PB-125-48	Puckboard 4 ft x 8 ft x 1/8" thick
PB-1438	Puckboard 3 ft x 8 ft x 1/4" thick
PB-1448	Puckboard 4 ft x 8 ft x 1/4" thick
1128	Puckboard flashing-SS-1-1/2" x 8 ft
11210	Puckboard flashing-SS-1-1/2" x 10 ft
11212	Puckboard flashing-SS-1-1/2" x 12 ft



Puckboard Flashing

Silicone & Sealants

Item #	Description
SILGENPCLR	Tube of Silicone-Clear
SILGENPWHT	Tube of Silicone-White
095006000	Caulking Gun SK200 300ML (open body)



67007



Touch 'n Foam Sealant



Nails (per lb)

Item #	Description
CN2	Coated Nails 2"
CN212	Coated Nails 2-1/2"
CN3	Coated Nails 3"
CN312	Coated Nails 3-1/2"
DH212	Double Headed Nails 2-1/2"
RN114	Roofing Nails 1-1/4"
Other types/sizes of nails available - call for details.	

Epoxy

Item #	Description
A501	Epoxy cartridge & Nozzle kit 5 oz (for regular caulking gun)
A7-8	Epoxy cartridge (235 ml) 8 oz.
A7-28	Epoxy cartridge (825 ml) 28 oz.
NOZ-S	Epoxy nozzle/mixing tube (for 8 oz tubes) - small
NOZ-L	Epoxy nozzle/mixing tube (for 28 oz tubes) - large

All but A501 require special epoxy gun for application. Call us for information on renting or purchasing one for your project.

Laminated Plywood

Item #	Description
PVC48	Laminated Plywood 3/8" x 4ft x 8ft (PVC)

Tuf-Ag corrugated PVC panels can be used as ceiling and wall liners in new construction or during upgrading of older wood-lined buildings.

Benefits of Tuf-Ag panels:

- Non-flammable
- Corrosion resistant
- White high gloss finish
- Easy to cut to length and install
- Cleanable with high pressure washing
- Will not rust, rot, chip, or peel
- Lengths are 38" wide and lengths range from 8' to 20'
- Available J-trim, base trim, and inside corner

Suitable for:

- Hog, Dairy & Poultry facilities
- Kennels
- Riding arenas
- Marinas
- Car washes
- Storage facilities
- Factories
- Food processing plants

Tuftex Corrugated PVC Panels (Ag-Liner)**Tuftex Panels**

Item #	Description
TUFTEX	Tuftex Panel 38" wide x length
2400	Tuftex Inside Corner 10ft length
2402	Tuftex J-Channel 10ft length
2403	Tuftex Bast Trim 10ft length



Tuftex PVC Ag Panels are a cost effective alternative to the traditional painted plywood or metal panels that line the interior walls and ceilings of agricultural structures. The smooth facade is easy to clean. When power-washed with a mild detergent, Ag Panels provide a hygienic and virtually maintenance-free interior surface.

PVC DOORS

Call us today for more information.

Available in a variety of sizes from 24" to 48" by 80" tall, and with or without windows, PVC doors are an economical long-lasting solution for today's livestock facility.

**Interior and exterior doors
with optional windows**



HOULE MANURE HANDLING EQUIPMENT

(AVAILABLE FROM PENNER FARM SERVICES IN MANITOBA AND AVONBANK FARM SERVICES IN ONTARIO)



- Houle tanks minimize soil compaction with large flotation tires
- Available with full line of tool bars including injectors and disc incorporators
- Available with single axle, tandem, or power steering on trans-axles and suspension with hydraulic equalizers
- Low-profile tank for maximum visibility and stability
- 2350 to 9500 US Gallons



- Manure pumps and agitators available in 5 different styles for use with concrete pits or lagoons
- Stationary, on wheels, or 3-point hitch articulated
- Lagoon pumps available in 32', 42', 52', & 72' versions



We also carry other stationary pumps for other hog & dairy applications. Call us for more information on other Houle pumps.



(AVAILABLE FROM PENNER FARM SERVICES IN MANITOBA AND AVONBANK FARM SERVICES IN ONTARIO)

SUBMERSIBLE PUMPS



Sump Pumps

Item #	Description
SP33A	Sump pump 1/3 HP (wide angle mechanical float)
SP33VF	Sump pump 1/3 HP (adjustable vertical float)



SP33A

ITT FLYGT SUBMERSIBLE MANURE PUMPS

ITT Flygt Submersible Manure Pumps

Item #	Description
FP3085LT-2.4	FP3085LT Single Phase 2.4 HP pump
FP3085LT-3.2	FP3085LT Three Phase 3.2 HP pump
FP3102LT-3.8	FP3102LT Single Phase 3.8 HP pump
FP3127LT-7.4	FP3127LT Single Phase 7.4 HP pump
FP3127LT-10	FP3127LT Three Phase 10 HP pump
FP3152LT-16	FP3152LT 1 PH 16 HP pump 4" discharge
FP3152LT-16-6	FP3152LT 1 PH 16 HP pump 6" discharge
FP3152LT-20-4	FP3152LT 3 PH 20 HP pump 4" discharge
FP3152LT-20-6	FP3152LT 3 PH 20 HP pump 6" discharge

Manure Pump Accessories

Item #	Description
28030012	Cable SS 3/16"
235026415	Cable clamp SS 3/16"
4446805	Discharge Elbow 3" x 3" for 3 HP
5401305	Discharge Elbow 4" x 4" for 5 HP
4447006	Discharge Elbow 6" x 6" for 16 HP
4447106	Discharge Elbow 6" x 8" for 7 & 10 HP
13-520006	Level Regulator Hanger
5828811	ENM-10 Float with 6m cable
5828812	ENM-10 Float with 13m cable
5828813	ENM-10 Float with 20m cable
SA-312	SS Sch 40 Welded Pipe 2" x 20ft (Guide Rail)
6136800	Upper Guide Bar Holder Galv Steel
13-520227	Intermediate Guide Bar Holder Galv Steel
PUMPSTAND	Winch w/ stand - 2000 lb
PANELMT	Mounting bracket for pump panel

Pump Control Panels

Description	3 Float System	ULS System
Panel - 1 PH 240V 3.9 HP	S-FS-3.9-240-1-3FL	S-FS-3.9-240-1-ULS-200
Panel - 1 PH 240V 7.4 HP	S-FS-7.4-240-1-3FL	S-FS-7.4-240-1-ULS-200
Panel - 1 PH 240V 16 HP	S-FS-16-240-1-3FL	S-FS-16-240-1-ULS-200
Panel - 3 PH 600V 10 HP	S-FS-10-600-3-3FL	S-FS-10-600-3-ULS-200
Panel - 3 PH 600V 20 HP	S-FS-20-600-3-3FL	S-FS-20-600-3-ULS-200

Add - UVP to part number for Under Voltage Protection

Add - HTR to part number for Heater

Add - ETM to part number for Hour Meter



In 1948, ITT Flygt introduced the world's first submersible pump designed for pumping contaminated water. Today, the concept has been universally accepted, and Flygt now has more than 1.5 million submersibles at work in more than 100 countries around the world. Insert new page after this page labeled Manure Handling with picture:

Both styles of pump control panel include:

NEMA Type 4x enclosure, 3 pole contactor, 3 pole thermal overload (adjustable), Alarm light, Run pilot light, Hand Off Auto selector switch, Mini-Cas unit, 100va control transformer, Amp meter, High Temperature and leakage pilot light

Control panels for float system include:

3 float system

Control panels for ULS-200 system include:

Milltronics ULS-200

Fusion is the market leader in slurry store management and pollution control, serving farmers for over 40 years.



Fusion slurry store tanks are built with panels made of glass-fused-to-steel. Quality management systems certified to ISO 9001.

Each tank is tailor-made to match exactly your farm needs. Select tall or wide tank styles, or extendible options to allow for future expansion.

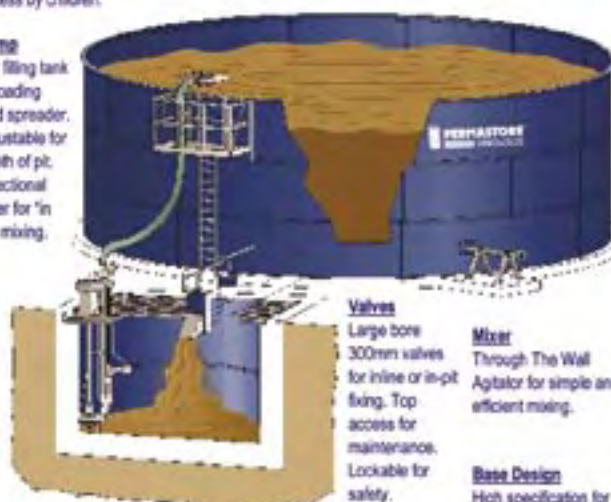
Available with 2 to 5 rings and tank capacities ranging from 1,900 to 5,700,000 Imperial Gallons



Ladder and Platform
Handrails and trapdoor for safety. Removable ladder to prevent access by children.

Pump
For filling tank or loading field spreader. Adjustable for depth of pit. Directional jetter for "in pit" mixing.

Jetter
Easy to operate directional jetter to reduce slurry crusts.



Valves
Large bore 300mm valves for inline or in-pit fixing. Top access for maintenance. Lockable for safety.

Mixer
Through The Wall Agitator for simple and efficient mixing.

Base Design
High specification for structural integrity.



BOLTS - STAINLESS STEEL AND ZINC PLATED

1/4" Hex Head Bolts

Size	SS #	ZP #
1/4 x 1/2"	5000-305	075-305
1/4 x 3/4"	5000-307	075-307
1/4 x 1"	5000-309	075-309
1/4 x 1-1/4"	5000-311	075-311
1/4 x 1-1/2"	5000-313	075-313
1/4 x 2"	5000-316	075-315
1/4 x 2-1/4"	5000-317	075-316
1/4 x 2-1/2"	5000-318	075-317
1/4 x 3"	5000-320	075-318
1/4 x 3 1/4"	5000-321	075-320
1/4 x 3-1/2"	5000-322	075-322
1/4 x 4"	5000-324	075-324

5/16" Hex Head Bolts

Size	SS #	ZP #
5/16 x 1/2"	5000-440	075-440
5/16 x 3/4"	5000-442	075-442
5/16 x 1"	5000-444	075-444
5/16 x 1-1/4"	5000-446	075-446
5/16 x 1-1/2"	5000-448	075-448
5/16 x 1-3/4"	-----	075-450
5/16 x 2"	5000-451	075-451
5/16 x 2-1/4"	5000-452	-----
5/16 x 2-1/2"	5000-453	075-453
5/16 x 2-3/4"	5000-454	-----
5/16 x 3"	5000-455	075-455
5/16 x 3 1/4"	5000-456	-----
5/16 x 3-1/2"	5000-457	075-457
5/16 x 4"	5000-459	075-459

3/8" Hex Head Bolts

Size	SS #	ZP #
3/8 x 1/2"	5000-485	075-305
3/8 x 3/4"	5000-487	075-307
3/8 x 1"	5000-489	075-309
3/8 x 1-1/4"	5000-491	075-311
3/8 x 1-1/2"	5000-493	075-313
3/8 x 2"	5000-496	075-315
3/8 x 2-1/4"	5000-497	075-316
3/8 x 2-1/2"	5000-498	075-317
3/8 x 3"	5000-500	075-318
3/8 x 3 1/4"	5000-501	075-320
3/8 x 3-1/2"	5000-502	075-322
3/8 x 4"	5000-504	075-324



Hex Head



Carriage

7/16" Hex Head Bolts

Size	SS #	ZP #
7/16 x 3/4"	5000-532	-----
7/16 x 1"	5000-534	075-534
7/16 x 1-1/4"	5000-536	-----
7/16 x 1-1/2"	5000-538	075-538
7/16 x 2"	5000-541	075-541
7/16 x 2-1/2"	5000-543	075-543
7/16 x 3"	5000-545	075-545
7/16 x 3-1/2"	5000-547	075-547
7/16 x 4"	5000-549	075-549

1/2" Hex Head Bolts

Size	SS #	ZP #
1/2 x 3/4"	5000-577	----
1/2 x 1"	5000-579	075-579
1/2 x 1-1/2"	5000-583	075-583
1/2 x 2"	5000-586	075-586
1/2 x 2-1/2"	5000-588	075-588
1/2 x 3"	5000-590	075-590
1/2 x 3-1/2"	5000-592	075-592
1/2 x 4"	5000-594	075-594



Hex Head Bolt

5/8" Hex Head Bolts

Size	SS #	ZP #
5/8 x 1"	5000-668	075-668
5/8 x 1-1/2"	5000-672	075-672
5/8 x 2"	5000-675	075-675
5/8 x 2-1/2"	5000-677	075-677
5/8 x 3"	5000-679	075-679
5/8 x 3-1/2"	5000-681	075-681
5/8 x 4"	5000-683	075-683
5/8 x 4-1/2"	5000-684	-----

3/4" Hex Head Bolts

Size	SS #	ZP #
3/4 x 1-1/4"	5000-712	-----
3/4 x 1-1/2"	5000-714	075-714
3/4 x 2"	5000-717	075-717
3/4 x 2-1/2"	5000-719	075-719
3/4 x 3"	5000-721	075-721
3/4 x 3-1/2"	5000-723	075-723
3/4 x 4"	5000-725	075-725
3/4 x 4-1/2"	-----	075-726
3/4 x 5"	-----	075-727

BOLTS - STAINLESS STEEL AND ZINC PLATED

1/4" Carriage Bolts

Size	SS #	ZP #
1/4 x 1/2	5002-305	131-305
1/4 x 5/8	5002-306	131-306
1/4 x 3/4	5002-307	131-307
1/4 x 1	5002-309	131-309
1/4 x 1-1/4	5002-311	131-311
1/4 x 1-1/2	5002-313	131-313
1/4 x 1-3/4	5002-315	131-315
1/4 x 2	5002-316	131-316
1/4 x 2-1/2	5002-318	131-318
1/4 x 3	5002-320	131-320
1/4 x 3-1/2	5002-322	129-322
1/4 x 4	5002-324	129-324

5/16" Carriage Bolts

Size	SS #	ZP #
5/16 x 3/4	5002-442	131-442
5/16 x 1	5002-444	131-444
5/16 x 1-1/4	5002-446	131-446
5/16 x 1-1/2	5002-448	131-448
5/16 x 1-3/4	5002-450	131-450
5/16 x 2	5002-451	131-451
5/16 x 2 x 1/4	5002-452	131-452
5/16 x 2-1/2	5002-453	131-453
5/16 x 3	5002-455	131-455
5/16 x 3-1/2	5002-457	129-457
5/16 x 4	5002-459	129-459

3/8" Carriage Bolts

Size	SS #	ZP #
3/8 x 3/4	-----	131-487
3/8 x 1	5002-489	131-489
3/8 x 1-1/4	5002-491	131-491
3/8 x 1-1/2	5002-493	131-493
3/8 x 1-3/4	5002-495	131-495
3/8 x 2	5002-496	131-496
3/8 x 2-1/2	5002-498	131-498
3/8 x 3	5002-500	131-500
3/8 x 3-1/2	5002-502	131-502
3/8 x 4	5002-504	131-504

1/2" Carriage Bolts

Size	SS #	ZP #
1/2 x 1	5002-579	131-579
1/2 x 1-1/2	5002-583	131-583
1/2 x 2	5002-586	131-586
1/2 x 2-1/2	5002-588	131-588
1/2 x 3	5002-590	131-590
1/2 x 3-1/2	5002-592	131-592
1/2 x 4	5002-594	129-594



Carriage Bolt

1/4" Hex Head Lag Bolts

Size	SS #	ZP #
1/4 x 1	5003-309	135-309
1/4 x 1-1/2	5003-313	135-313
1/4 x 2	5003-316	135-316
1/4 x 2-1/2	5003-318	135-318
1/4 x 3	5003-320	135-320
1/4 x 3-1/2	5003-322	135-322
1/4 x 4	5003-324	135-324

5/16" Hex Head Lag Bolts

Size	SS #	ZP #
5/16 x 1-1/2	5003-448	135-448
5/16 x 2	5003-451	135-451
5/16 x 2-1/2	5003-453	135-453
5/16 x 3	5003-455	135-455
5/16 x 3-1/2	5003-457	135-457
5/16 x 4	5003-459	135-459

3/8" Hex Head Lag Bolts

Size	SS #	ZP #
3/8 x 1-1/2	5003-493	135-493
3/8 x 2	5003-496	135-496
3/8 x 2-1/2	5003-498	135-498
3/8 x 3	5003-500	135-500
3/8 x 3-1/2	5003-502	135-502
3/8 x 4	5003-504	135-504

1/2" Hex Head Lag Bolts

Size	SS #	ZP #
1/2 x 2	5003-586	135-586
1/2 x 2-1/2	5003-588	135-588
1/2 x 3	5003-590	135-590
1/2 x 3-1/2	5003-592	135-592
1/2 x 4	5003-594	135-594



Hex Head Lag Bolt

Anchor Bolts

Size	SS #	ZP #
1/4 x 1-3/4	30-101012-14175	30-101112-14134
1/4 x 2-1/4	30-101012-14214	30-101112-14214
1/4 x 3-1/4	30-101012-14314	30-101112-14314
3/8 x 2-1/4	30-101012-38214	30-101112-38214
3/8 x 3	30-101012-383	30-101112-383
3/8 x 3-3/4	30-101012-38334	30-101112-38334
3/8 x 5	30-101012-385	30-101112-385
1/2 x 2-3/4	30-101012-12234	30-101112-12234
1/2 x 3-3/4	30-101012-12334	30-101112-12334
1/2 x 4-1/2	30-101012-12412	30-101112-12412
1/2 x 5-1/2	30-101012-12512	30-101112-12512
5/8 x 3-3/4	-----	30-101112-58334
5/8 x 4-3/4	30-101012-58434	30-101112-58434



Threaded Rod

Size	SS #	ZP #
1/4" x 36"	5091-314	141-314
5/16" x 36"	5091-316	141-316
3/8" x 36"	5091-318	141-318
7/16" x 36"	5091-320	141-320
1/2" x 36"	5091-322	141-322
5/8" x 36"	5091-324	141-324
3/4" x 36"	5091-326	141-326
1" x 36"	-----	141-330

Nail-ins (white plastic)

Item #	Size
Z14114SS	1/4" X 1-1/4"
Z142SS	1/4" X 2"

Nail-ins

Item #	Size
Z14114SS	1/4" X 1-1/4"
Z142SS	1/4" X 2"



Flat Washers

Size	SS #	ZP #
#6	5055-206	-----
#8	5055-208	-----
#10	5055-210	-----
1/8"	-----	147-006
3/16"	-----	146-010
1/4"	5055-214	147-014
5/16"	5055-216	147-016
3/8"	5055-218L	147-018
7/16"	5055-220	147-020
1/2"	5055-222	146-022
5/8"	5055-224	147-024
3/4"	5055-226	147-026
1"	-----	147-030



Fender Washers

Size	SS	ZP
3/16 x 3/4	5057-394	162-394
1/4 x 1-1/4	5057-395	162-395
5/16 x 1	5057-396	162-396
5/16 x 1-1/4	-----	162-397
3/8 x 1 1/2	5057-398	162-398
1/2 x 1-1/2	-----	162-399
1/2" x 2	5057-400	162-400



Lock Washers

Size	SS #	ZP #
#8	5058-008	-----
#10	5058-010	157-010
#12	5058-012	-----
1/4"	5058-014	157-014
5/16"	5058-016	157-016
3/8"	5058-018	157-018
7/16"	5058-020	157-020
1/2"	5058-022	157-022
5/8"	5058-024	157-024
3/4"	5058-026	157-026
1"	-----	157-030



Epoxy Studs

Item #	Description
ES383	All-thread SS ready-rod 3/8" x 3"
ES12412	All-thread SS ready-rod 1/2" x 4-1/4"

Hex Nuts

Size	SS #	ZP #
6/32	5035-006	184-006
8/24	5035-007	184-007
8/32	5035-008	184-008
10/24	5035-010	184-010
10/32	5035-011	184-011
1/4"	5026-014	087-014
5/16"	5026-016	087-016
3/8"	5026-018	087-018
7/16"	5026-020	087-020
1/2"	5026-022	087-022
5/8"	5026-024	087-024
3/4"	5026-026	087-026
1"	5026-030	087-030



Hex Nut

Lock Nuts

Size	SS #	ZP #
6/32-UNC	5034-006	108-006
8/32-UNC	5034-008	108-008
10/24-UNC	5034-010	108-010
10/32-UNF	5034-011	109-010 *
1/4-UNC	5034-014	108-014
5/16-UNC	5034-016	108-016
3/8-UNC	5034-018	108-018
7/16-UNC	5034-020	108-020
1/2-UNC	5034-022	108-022
5/8-UNC	5034-024	108-024
3/4-UNC	5034-026	108-026
1-UNC	-----	108-030

* Fine Thread



Nylon Lock Nut

Wing Nuts

Size	SS #	ZP #
6-32-UNC	5038-006	103-006
8-32-UNC	5038-008	103-008
10-24-UNC	5038-010	103-010
10-32-UNF	5038-011	103-011
1/4-20-UNC	5038-014	103-014
5/16-18-UNC	5038-016	103-016
3/8-16-UNC	5038-018	103-018
1/2-14-UNC	5038-022	103-022



Wing Nut

SS Truss Head Screws

Size	SS #8	SS #10	SS #12
1/2"	-----	5164-189	-----
3/4"	5164-139	5164-191	5164-248
1"	5164-141	5164-193	5164-250
1-1/4"	5164-143	5164-195	5164-252
1-1/2"	5164-145	5164-197	5164-254
2"	5164-148	5164-200	5164-257
2-1/2"	-----	5164-202	-----
3"	-----	5164-204	-----

Hex Head Self-Drilling Screws SS & ZP

Size	SS #8	ZP #8	SS #10	ZP #10	SS #12
1/2"	30-801012-812	232-071	30-801012-1012	232-078	-----
5/8"	30-801012-858	232-072	-----	-----	-----
3/4"	30-801012-834	232-073	30-801012-1034	232-080	30-801012-1234
1"	30-801012-81	232-074	30-801012-101	232-082	30-801012-121



Truss Head



Truss Head Screw



Self-Drilling Screw

Round Head Slot Machine Screws SS & ZP

Size	SS 6/32	ZP 6/32	SS 8/32	ZP 8/32	SS 10/24	ZP 10/24	SS 10/32	ZP 10/32
3/8"	5103-085	170-085	5103-135	170-135	5103-187	170-187	5103-215	170-215
1/2"	5103-087	170-087	5103-137	170-137	5103-189	170-189	5103-217	170-217
5/8"	5103-088	170-088	5103-138	170-138	5103-190	170-190	5103-218	170-218
3/4"	5103-089	170-089	5103-139	170-139	5103-191	170-191	5103-219	170-219
1"	5103-091	170-091	5103-141	170-141	5103-193	170-193	5103-221	170-221
1-1/4"	5103-093	170-093	5103-143	170-143	5103-195	170-195	5103-223	170-223
1-1/2"	5103-095	170-095	5103-145	170-145	5103-197	170-197	5103-225	170-225
2"	5103-098	170-098	5103-148	170-148	5103-200	170-200	5103-228	170-228



Round Head Slot Machine Screw



Round Head

SS Flat Head Tapping Screws

Size	#8	#10	#12
3/8"	5162-135	-----	-----
1/2"	-----	5162-189	-----
3/4"	5162-139	5162-191	5162-248
1"	5162-141	5162-193	5162-250
1-1/4"	5162-143	5162-195	5162-252
1-1/2"	5162-145	5162-197	5162-254
2"	5162-148	5162-200	5162-257
2-1/2"	5162-150	5162-202	5162-259
3"	5162-152	5162-204	5162-61



Flat Head/Wood Screw



ZP Flat Head Socket Wood Screws

Length	#4	#6	#8	#10	#12	#14
1/2"	197-043	197-087	197-137	197-189	-----	-----
5/8"	197-044	197-088	197-138	197-190	-----	-----
3/4"	n/a	197-089	197-139	197-191	197-248	-----
1"	197-045	197-091	197-141	197-193	197-250	197-280
1-1/4"	197-049	197-093	197-143	197-194	197-252	197-282
1-1/2"	-----	197-095	197-145	197-197	197-254	197-284
2"	-----	197-098	197-148	197-200	197-257	197-287
2-1/2"	-----	-----	197-150	197-202	197-259	197-289
3"	-----	-----	197-152	197-204	197-261	197-291
3-1/2"	-----	-----	-----	-----	-----	197-293
4"	-----	-----	-----	-----	-----	197-295

Flat Head/Wood Head

HARDWARE - U-BOLTS, SCREWHOOKS, TURNBUCKLES

Pan Head Screws SS & ZP

Size	SS #8	ZP #8	SS #10	ZP #10	SS #12	ZP #12
1/2"	-----	208-137	5163-189	208-189	-----	208-246
5/8"	-----	208-138	-----	208-190	-----	208-247
3/4"	5163-139	208-139	5163-191	208-191	5163-246	208-248
1"	5163-141	208-141	5163-193	208-193	5163-250	208-250
1-1/4"	5163-143	208-143	5163-195	208-195	5163-252	208-252
1-1/2"	5163-145	208-145	5163-197	208-197	5163-254	208-254
2"	5163-148	208-148	5163-200	208-200	5163-257	208-257
2-1/2"	5163-150	-----	5163-202	-----	5163-259	-----
3"	5163-152	-----	5163-204	-----	-----	-----



Pan Head



Pan Head Screw

U-Bolts - ZP & SS

Item #	Description
55-4850	1 1/8" x 2" U-Bolt & nuts
55-4851	1 3/8" x 2 1/2" U-Bolt & nuts
55-4852	1 3/4" x 3" U-Bolt & nuts
55-4853	2" x 3" U-Bolt & nuts
55-4854	2 1/2" x 3 1/2" U-Bolt & nuts
55-4855	1 3/8" x 1 1/16" U-Bolt & nuts
55-4856	1 3/4" x 4 3/16" U-Bolt & nuts
55-4857	2" x 4 1/16" U-Bolt & nuts
55-4858	2 1/2" x 5 3/16" U-Bolt & nuts
FA-2256	1/4" x 3/4" x 2" SS U-Bolt
FA-2266	5/16" x 1" x 3 3/4" SS U-Bolt
FA-2270	5/16" x 1 1/4" x 4 1/4" SS U-Bolt



Screwhooks

Item #	Description
N220-814	SS 1/4" x 4-1/4"
FAX110	ZP 1/4" x 3-1/4"
FAZ110	ZP 1/4" x 3-1/4"
55-4931	ZP 3/8" x 4-1/2"



Eye Lag Screws

Item #	Size
55-4870	1/4" x 3 1/4"
55-4871	1/4" x 5"
55-4872	5/16" x 4"
55-4873	5/16" x 6"
55-4874	3/8" x 4 1/2"



Turnbuckles

Size	Eye-Eye	Eye-Hook
3 1/2" x 4 3/4"	55-4800	55-4820
3 7/8" x 5 1/2"	55-4801	55-4821
4 3/8" x 6 1/4"	55-4802	55-4822
5 1/2" x 3 3/4"	55-4803	55-4823
6 3/4" x 9 3/8"	55-4804	55-4824
7 1/4" x 10 1/2"	55-4805	55-4825



Square Tubing - Black Steel

Size	Item # Black Steel	Item # Galvanized
1" x 1" x .100 (1/10")	BST100X100X100	GST100X100X100
1-1/4" x 1-1/4" x .125 (1/8")	BST125X125X125	GST125X125X125
1-1/2" x 1-1/2" x .100 (1/10")	BST150X150X100	GST150X150X100
1-1/2" x 1-1/2" x .125 (1/8")	BST150X150X125	GST150X150X125
1-1/2" x 1-1/2" x .188 (3/16")	BST150X150X188	GST150X150X188
2" x 2" x .188 (3/16")	BST200X200X188	GST200X200X188
2" x 2" x .250 (1/4")	BST200X200X250	GST200X200X250
2" x 6" x .188 (3/16")	BST200X600X188	GST200X600X188
3" x 3" x .188 (3/16")	BST300X300X188	GST300X300X188
3" x 3" x .250 (1/4")	BST300X300X250	GST300X300X250
3" x 6" x .188 (3/16")	BST300X600X188	GST300X600X188
4" x 4" x .188 (3/16")	BST400X400X188	GST400X400X188
4" x 4" x .250 (1/4")	BST400X400X250	GST400X400X250

Eye Bolts with Nut

Item #	Size	Item #	Size
55-4830	3/16" x 2"	55-4838	5/16" x 3 1/4"
55-4831	3/16" x 2 1/2"	55-4839	5/16" x 4"
55-4832	1/4" x 2"	55-4840	5/16" x 5"
55-4833	1/4" x 2 1/2"	55-4841	5/16" x 6"
55-4834	1/4" x 3"	55-4842	3/8" x 4"
55-4835	1/4" x 4"	55-4843	3/8" x 5"
55-4836	1/4" x 5"	55-4844	3/8" x 6"
55-4837	1/4" x 6"	55-4845	3/8" x 8"

Flat Iron - Black Steel

Item #	Description
FIBS500X100	1/2" x 1"
FIBS500X200	1/2" x 2"
FIBS500X300	1/2" x 3"
FIBS500X400	1/2" x 4"
FIBS500X600	1/2" x 6"
FIBS250X100	1/4" x 1"
FIBS250X150	1/4" x 1-1/2"
FIBS250X125	1/4" x 1-1/4"
FIBS250X200	1/4" x 2"
FIBS250X300	1/4" x 3"
FIBS250X400	1/4" x 4"
FIBS125X100	1/8" x 1"
FIBS125X150	1/8" x 1-1/2"
FIBS125X125	1/8" x 1-1/4"
FIBS125X200	1/8" x 2"
FIBS188X100	3/16" x 1"
FIBS188X150	3/16" x 1-1/2"
FIBS188X125	3/16" x 1-1/4"
FIBS188X200	3/16" x 2"
FIBS375X15	3/8" x 1-1/2"
FIBS375X200	3/8" x 2"
FIBS375X300	3/8" x 3"

Smooth Round Rod

Size	Black Steel #	SS#
1/2"	SRBS150	SRSS150
1/4"	SRBS125	SRSS125
3/4"	SRBS750	SRSS750
3/8"	SRBS375	SRSS375
5/8"	SRBS625	SRSS625

Angle Iron - Black Steel

Item #	Description
AIBS250X200	1/4" x 2" x 2"
AIBS250X300	1/4" x 3" x 3"
AIBS250X150	1/4" x 1-1/2" x 1-1/2"
AIBS250X125	1/4" x 1-1/4" x 1-1/4"
AIBS125X100	1/8" x 1" x 1"
AIBS125X150	1/8" x 1-1/2" x 1-1/2"
AIBS125X125	1/8" x 1-1/4" x 1-1/4"
AIBS188X200	3/16" x 2" x 2"
AIBS188X300	3/16" x 3" x 3"
AIBS188X150	3/16" x 1-1/2" x 1-1/2"
AIBS188X125	3/16" x 1-1/4" x 1-1/4"
AIBS378X300	3/8" x 3" x 3"

Most sizes of black steel listed here are also available in stainless steel - call for more information

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