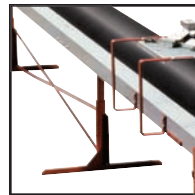
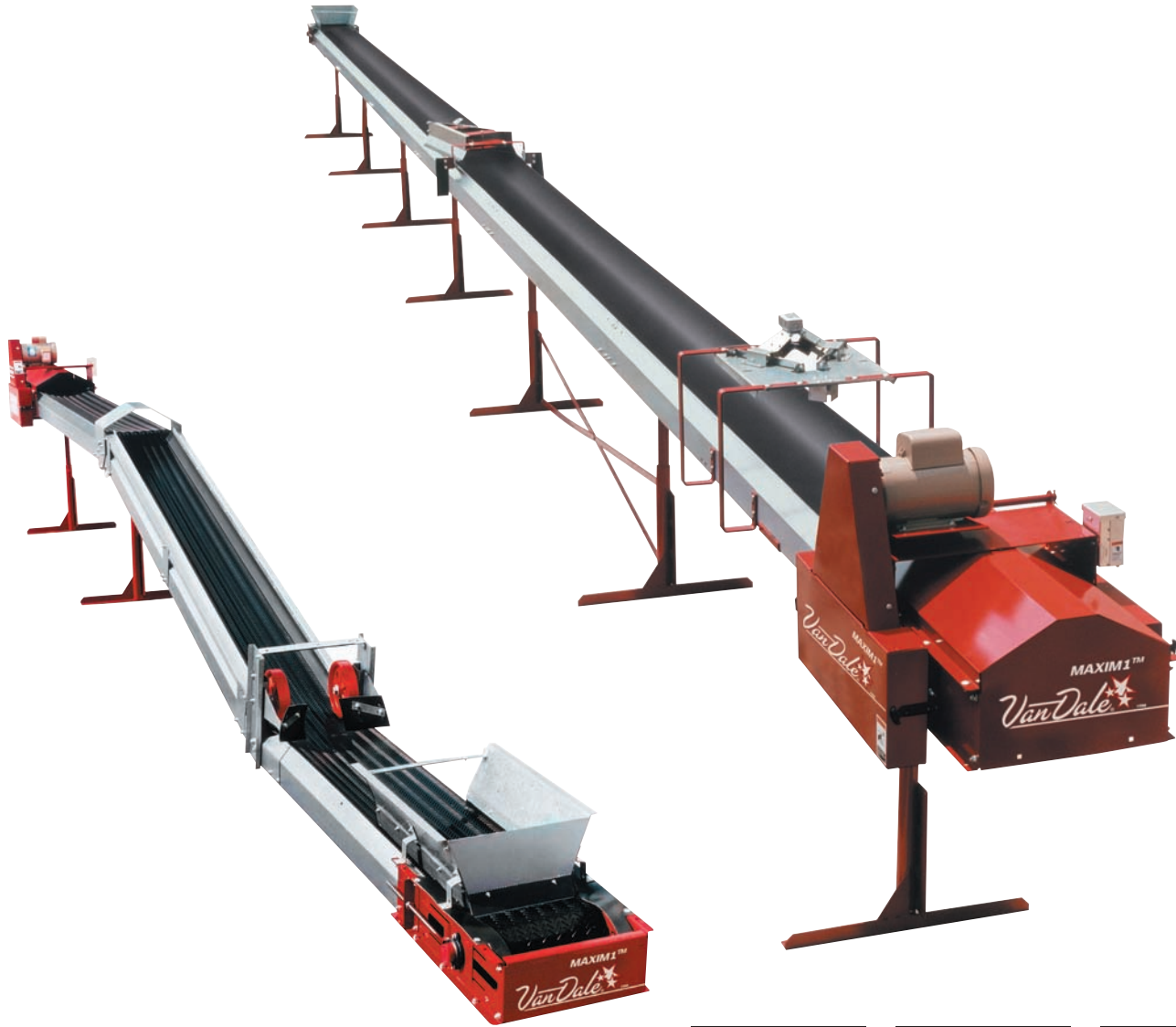


Designed to Perform. Built to Last.

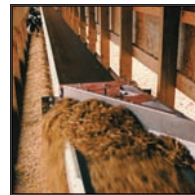


**Feed Handlers,
Belt Feeders and Conveyors**

MAXIM1™



**Heavy Duty
Stands**

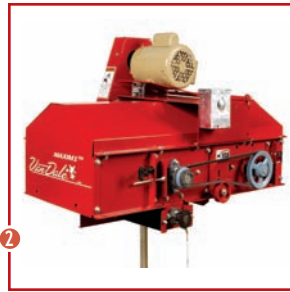
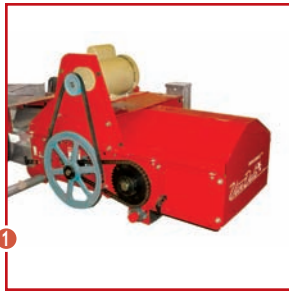


**Side-to-Side
Switching**



**Large Loading
Hopper**

MAXIM1™ BELT FEEDERS



SIMPLE BELT DRIVE SYSTEM

Simple Belt Drive System

- 1 The heavy duty motor mount and stainless steel adjusters make the belt drive system easy to care for. The feed belt final drive is #50 roller chain.
- 2 A simple belt driven jackshaft runs the plow. The plow drive is located between the belts where it is safe from animals and weather. A chain is used to pull the plow, eliminating any troublesome cables. More proven performance from Van Dale.

HEAVY DUTY STANDS
Choose either T-stands or arched stands to support MAXIM 1 feeder and conveyors.

A trusted name in feed handling equipment for more than 60 years. The Van Dale advantage will be yours when you buy a Maxim I Belt Feeder.

FEATURES

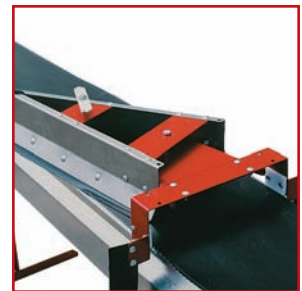
Reliable Chain Drive Plow

The heart of a MAXIM 1 feeder is a tough chain drive design. Chain attaches under the plow with a Pitman arm which follows the chain the length of the feeder, reversing direction as it rounds the drive and idler sprocket. Chain tension is easily adjusted.



Floating V-Plow

The MAXIM 1 Belt Feeder features a low profile Floating V-Plow with a stainless steel blade. The floating plow ensures effective belt cleaning, as well as minimizes plow and belt damage from foreign objects. The heavy 14 ga. galvanized plow pan is built extra rugged for long life.



Side-to-Side Switching

MAXIM 1's floating V-plow will match your single or split lot feeding needs. Choose manual operation, automatic side-to-side switching or electric plow control with solenoids.



Self-lube Guide Blocks

The floating V-plow glides smoothly on heavy-duty polyethylene guide blocks. These poly guide blocks are self-lubricating and extremely tough. There is a reliable Pitman bar under the plow pan with a simple, dependable chain connection.



MAXIM1™ BELT CONVEYORS



3

STURDY TAIL SECTION

3 Our belt stays aligned, thanks to the sturdy tail section. Design features 5/8" stainless steel bolts for accurate belt tracking adjustment on the 6" diameter roller. Tapered steel wing design roller centers the belt and keeps it clean for dependable operation.

4 Sturdy Feeder Conveyor Sections

Feeder/Conveyor sections are made of 16 ga. weather-resistant galvanized steel. Available in 2-1/2', 5' and 10' sections with a 140° deeptrough high capacity design.

5 16-Bolt Splice Kit

Heavy 12 ga. galvanized splice sections and 16 widely spaced bolts (8 per side).



5



4



SMOOTH OR TEXTURED BELTS
For up to 15° inclines there's a smooth belt. For inclines up to 30°, you'll like the 16" wide textured belt.

INCLINES ADJUST TO 30° FOR TEXTURED BELT
(15° for smooth belt) for high volume delivery. Two polyurethane wheels hold belt in place while providing enough clearance for full feed delivery.

The High Capacity 16" wide belt conveys any type of silage, ground feed or TMR at high speed and low horsepower up to 180 feet.

FEATURES (OPTIONS)

Brush or Belt Scraper

Counter-rotating 5" diameter brush with spiral wound polypropylene bristles removes fines from smooth or textured belt. Scraper wipes smooth belts clean of any fines at discharge end.



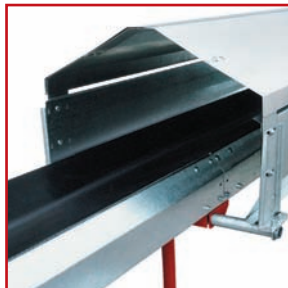
Large loading Hopper

High capacity hoppers can be added to any conveyor section. Built of 18 gauge galvanized steel with sealing gaskets on three sides.



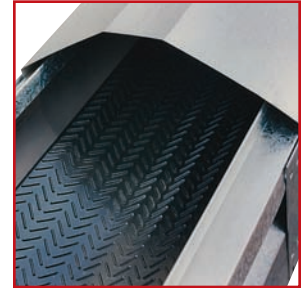
Windboards and Covers (Feeders)

Bolt-on windboards and covers fit tight, providing excellent outdoor wind and weather protection. They are easily removed for routine feeder servicing. "Wind slots" reduce wind turbulence under the covers, improving feeder performance.



Gasketed Side Extensions and Weather Covers (Conveyors)

Feed stays on the belt thanks to optional gasketed side extensions. Easy maintenance, tight fitting bolt-on covers provide great protection against weather.



LOOK TO *VanDale*[®]

For all of your Feeding Needs!

Specifications

The full line of Van Dale equipment is made to endure and perform, to make your feeding operation more efficient and profitable. Whether you are replacing worn out equipment or expanding your operation, you can count on Van Dale dealers for superior quality equipment and sound advice. The best dealers in the business!

MAXIM 1 - BELT FEEDERS & CONVEYORS

Maximum Length	180'
Maximum Span	20' between supports
Drive System	Combination B-Section V-Belt and 50# roller chain reduction
Drive Roller	6" diameter lagged roller
Tail Roller	6" diameter steel tapered wing design roller
H.P. Requirements (at 0° elevation)	1 HP up to 60 ft. 2 HP up to 130 ft. 3 HP up to 180 ft.
Belt Speed	240 feet per minute
Belt	Smooth 1/8" thick polyester with low temperature PVC coating and durable stainless steel industrial splice
Trough Angle Sections	16-ga. galvanized steel, standard 10', 5' and 2.5' lengths, 140° through angle
Section Splice	12-ga. galvanized steel splice sections and 16 bolts for maximum strength
Bearings	Sealed, greasable 1-1/4" heavy-duty on base

CONVEYORS ONLY

Gaskets and Covers	18-ga. galvanized steel top and side covers; 10' gasket strips. Gaskets may be used with or w/o covers and continue around inclines and declines
Decline Section	1' long; 14-ga. galvanized steel with 3-1/2" diameter PVC rollers and polyethylene bearings
Incline Section	1-1/2' long; 10-ga. galvanized steel brackets with two 10" dia. polyethylene wheels on top of belt and 2-3/8" dia. PVC roller for return belt
Elevation	Adjustable to 30° (60" rise in 10') with textured belt; Adjustable to 15° (30" rise in 10') with smooth belt (Conveying frozen materials may reduce elevation)

FEEDERS ONLY

V-Plow	Low-profile, 16-ga. stainless steel blade with flexible belt scraper, low friction UHMW polyethylene guide blocks and 17-5/8" x 36" 14-ga. galvanized steel belt surface
V-Plow Speed	64 feet per minute
Drive Chain	2040 chain
Plow Chain Drive	Quarter-turn V-belt
Windboards and Top Covers	18-ga. galvanized steel, standard 10' lengths

Some illustrations in this brochure may have safety components removed to better show equipment features. Never operate this equipment without all safety components securely in place.

Dealer:

J-STAR
801 Janesville Avenue
Fort Atkinson, WI 53528 U.S.A.
Tel.: (920) 563-5521
Fax: (920)-563-2494

J-STAR Inc.
12, Route 249
St-François-Xavier Qc J0B 2V0 Canada
Tel.: (819) 845-7824
Fax: (819) 845-5758



VanDale[®]
POW'R-RING™

Over 60 years of perfecting silo unloaders went into the design and technology for the Van Dale POW'R-RING. From its hardworking, direct coupling free floating drive and large 7' 4" diameter drive ring to its exclusive twin "Sabre-Edge" augers and high performance impeller, the Pow'R-Ring unloader combines the best in power, reliability and performance. We even gave it multi-suspension capability to adapt to a wide range of installations. Feature for feature, you won't find a better value than the Van Dale POW'R-RING unloader.



VanDale[®]
MAGNUM II™

Van Dale wrote the book on innovative silo unloader technology for over 60 years. We invented and perfected the surface drive system, and the MAGNUM line of surface drive unloaders are legendary for their performance, durability and efficiency. That's why more silos are unloaded everyday by Van Dale MAGNUM unloaders than any other brand on the market.

Customers who at the time of purchase sign the Notice of Limited Warranty incorporated into the initial sales contract between the customer and the dealer will receive from J-STAR a manufacturer's limited warranty. J-STAR makes no warranty, express or implied, to those customers who have not signed such notice. See your dealer for a complete description of its terms and limitations.

J-STAR reserves the right to make changes in the design or add improvements to its products without incurring any obligation or goods purchased. Van Dale products are designed in conformance to A.S.A.E. Standards S534 "Safety for farmstead Equipment". Some photos have safety shields removed to show additional detail on equipment featured. Never operate equipment without safety shields in place.



VISIT OUR WEBSITE AT: www.J-Star.com