



SILO UNLOADER & DISTRIBUTOR



valmetal.com

MAKE
LIFE BETTER



V2000

AT LAST... THE FORAGE HANDLER YOU'VE BEEN WAITING.

A VALMETAL distributor/unloader 2000 assures you of uniform distribution for greater compaction from wall to wall. Forage blown into the center of the silo is uniformly distributed and compacted by the 16 in. auger.

During unloading operations, the auger cuts and sweeps away from the silo wall to the center well, where feed flows freely onto the double chain conveyor below.

Very high rates of both, loading and unloading, makes your forage operations much more efficient.



COLLECTOR RING TOTALLY ENCLOSED

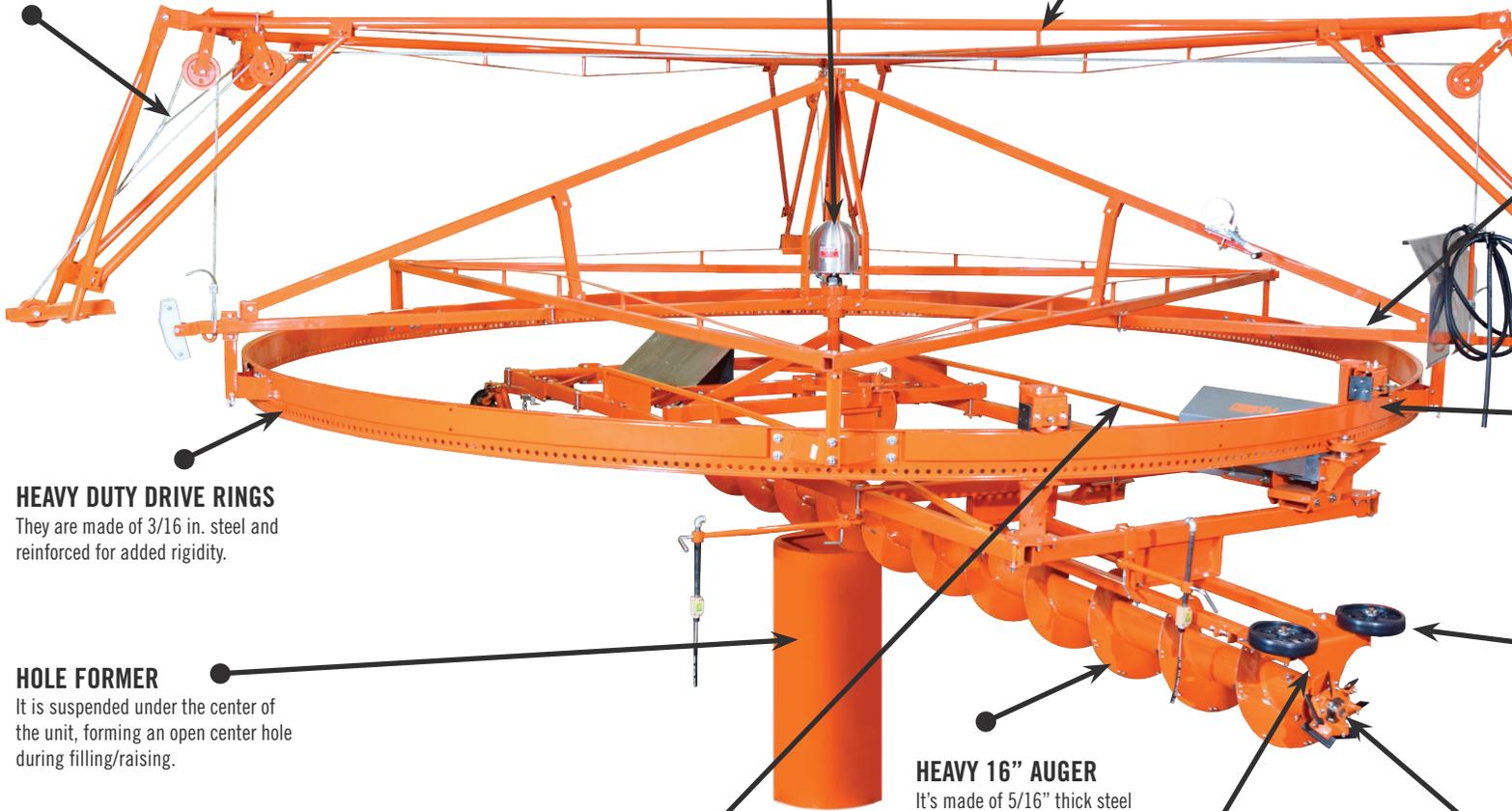
Electrical power is transferred from stationary to rotating part of the machine by extra-large brushes and thick copper alloy rings. Large taper roller bearings inside the housing support the machine.

SUSPENSION

Three cables, 5/16 in. diameter, support the unloader from three widely spaced points which results in a level cut from top to bottom.

HEAVY TRIANGULAR SUSPENSION ARMS

To avoid bridging.



HEAVY DUTY DRIVE RINGS

They are made of 3/16 in. steel and reinforced for added rigidity.

HOLE FORMER

It is suspended under the center of the unit, forming an open center hole during filling/raising.

HEAVY 16" AUGER

It's made of 5/16" thick steel welded to a heavy wall 4" tube.

PRESSURE CAM LEVER

It maintains pressure and keeps chipper wheel closer to the silo wall for unloading and away for filling.

The auger support features a solid oilite ball bearing, self lubricated, it resists moisture and contaminants.

DESIGNED FOR HIGH VOLUME BUILT TO HANDLE ANY TYPE OF SILAGE, 365 DAYS A YEAR.

MICRO-SWITCHES

Micro-switches activates automatically the motor hoist to raise the machine and the ring drive motor to rotate the machine while filling.



DIRECT DRIVE SYSTEM

In-line high performance helical gearbox drives the heavy auger and chipper wheel. The industrial direct drive system eliminates belts and pulleys, therefore less maintenance and greater efficiency.

SPRING-LOADED GUIDE WHEELS

To accommodate uneven silo walls.



WEIGHT IS EVENLY DISTRIBUTED

On two large carriage wheels.

INDEPENDANT POWER RING DRIVE

Drive sprocket teeth engage into the ring to rotate the machine. A reliable industrial coupling between motor and 150-1 gear box assures positive drive.



WALL WHEELS & CHIPPER WHEEL

The 10" diameter wall wheels are made of heavy-duty polyethylene to resist corrosion and breaking. Wheels are individually adjustable so that you can easily adjust to keep the silo walls clean.



ADJUSTABLE WALL WHEELS

Wall wheels are individually adjustable so that you can easily adjust to keep silo wall clean.

THE RUGGED CHIPPER WHEEL

With six replaceable hardened steel blades keep the silo walls free of frozen materials.

HEAVY-DUTY AUGER: MASSIVE 16" AUGER

It's provided with replaceable knives at wall end to chew through the frozen hard-packed material.



Without safety guard

HEAVY-DUTY ELECTRIC HOIST

Hoist has 50 to 1 oil bath worm gear drive. It holds up to 150 ft of 5/16" cable.



MAIN CONTROL PANEL

The main panel provides manual and automatic lowering system, with timers to set lowering time in seconds. It also controls the conveyor.

REMOTE CONTROL, AMMETER AND ALARM

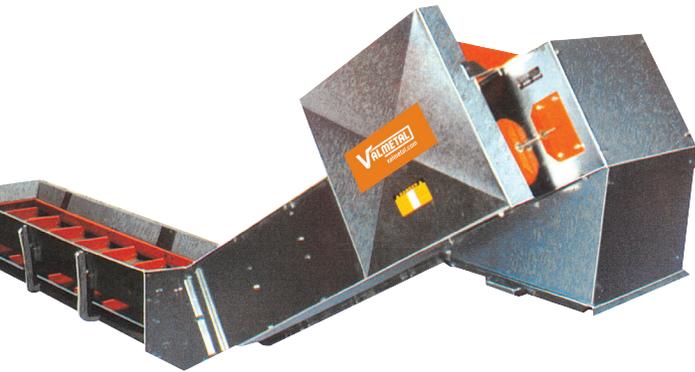
A remote ammeter box with alarm and warning light plus a remote control start-stop switch are standard equipment, usually located near the blower when filling, the ammeter can tell you what the machine is doing inside the silo. The alarm sounds and the warning light turns on every time the machine is being raised automatically in the silo.

The remote control station is also used as a safety device inside the silo when performing maintenance on the machine. It enables you to start or stop (lock) the machine and to activate the hoist to raise or lower the unloader.

BIG CAPACITY DOUBLE CHAIN BOTTOM CONVEYOR MODEL 2167

Features 667-X pintle chain with steel flights for reliability. The horizontal sections under the silo have polyethylene liner in the upper pan to reduce wear and keep frozen silage from clinging to the steel.

The outside sections are totally enclosed to reduce the back draft effect.



GET THE ULTIMATE IN FEEDING SYSTEM



REMOTE CONTROL STATION



MAIN CONTROL PANEL

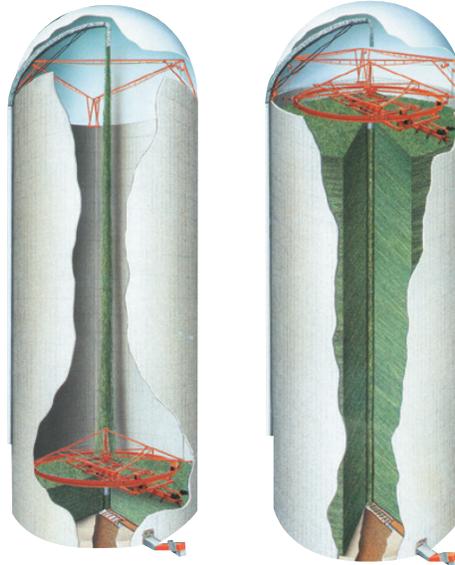


ALARM BOX



REVERSING SWITCH FEED/FILL

Three different control systems are available. For more information, contact your VALMETAL dealer.



FILLING

The V-2000 assures you of uniform compaction. Forage blown into the center of the silo is uniformly distributed and compacted.

FEEDING

The 16" auger cuts and sweeps feed away from the silo wall to the center, where it flows freely onto the conveyor.

Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without prior notice. Illustrations may include optional equipment and accessories, and may not include all standard equipment.

YOUR LOCAL DEALER:



230, Boulevard industriel
Saint-Germain-de-Grantham
(Québec) J0C 1K0 Canada
Tel : 819 395-4282
Fax : 819 395-2030



15497 State Hwy 131
Tomah, WI 54660
United States
Tel : (608) 374-2206
Fax: (608) 374-2302

info@valmetal.com - valmetal.com