

HANSON CONTROL SYSTEM

Hanson control systems feature high quality electrical enclosures that protect the ammeter and other electrical components in the feed room environment.



STANDARD START-STOP SYSTEM

The weather and dust proof fiber enclosure does not rust. An optional 2-button remote control allows the operator to start or stop the unloader from a remote position.



DUAL CONTROL PANEL

This panel combines all the features included in the standard panel PLUS an automatic lowering controller. The 4-button remote control (included) allows the operator to run both, the unloader and the winch from a remote position.

Valmetal's continuing program of product improvement makes specifications, equipment and model availability subject to change without notice. Some photos picture the Safety shield removed to show detail. Never operate equipment without shield in place.

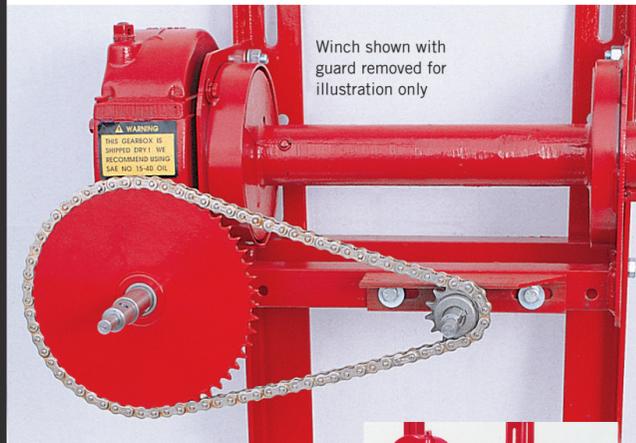
HANSON WINCH SYSTEM



STANDARD

Precision hand winch with 40-to-1 gear ratio makes Hanson unloaders easy to raise and lower. The enclosed oil bath keeps gears clean and lubricated during operation.

The same proven combination alloy that is used in manufacturing the famous Hanson unloader transmission gears has been incorporated into the gears for their winches - providing years of trouble-free service.



Winch shown with guard removed for illustration only

HS-65 WINCH

The heavy duty HS-65 Winch must be used with silos 65' and taller. It features a wide spool for maximum cable capacity and heavier gears with a 60-to-1 ratio for ease of operation.

A drill attachment or electric attachment are optional features of the Hanson Winches.

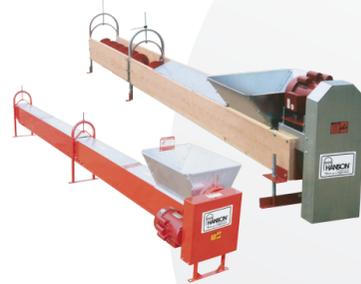


Electric winch attachment

QUALITY HANSON PRODUCTS



SUPER-TRAC RING DRIVE UNLOADER



BUNK FEEDERS AND CONVEYORS



TWIN-TRAC SURFACE DRIVE UNLOADER



RADIAL II CENTER DRIVE UNLOADER



POSI-TRAC RING DRIVE UNLOADER

Some photos in this brochure have safety shields removed to show additional detail on equipment features. Never operate equipment without safety shields in place. Valmetal continually updates and improves products and reserves the right to make changes in the design, specifications, or to add improvements to our products without incurring an obligation on equipment purchased. Valmetal's continuing program of product improvement makes specifications, equipment and model availability subject to change without notice.

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TWINTRAC

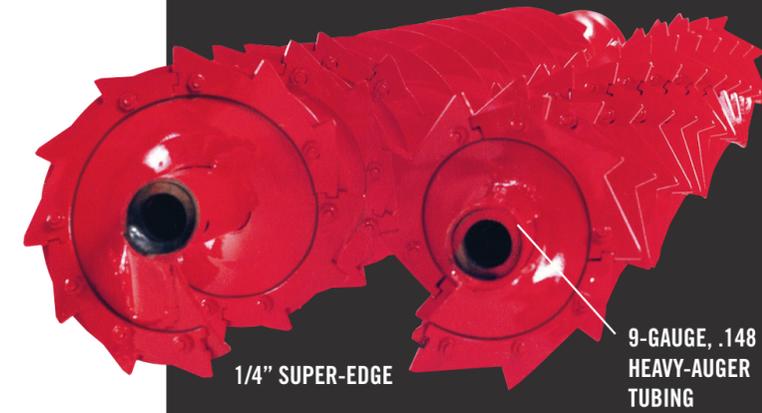


TWIN-TRAC

is shown in filling mode. The unloader is easily converted from feeding to filling mode.

TWINTRAC

THE TWIN TRAC IS A
TIME-PROVEN UNLOADER.
SIMPLE YET VERY FUNCTIONAL



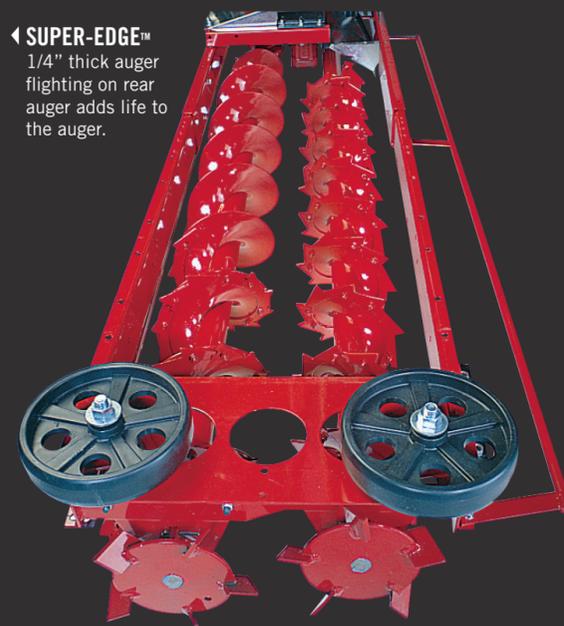
HANSON DUAL OPPOSED CHOPPING AUGERS

Because our goal is to provide your cows with the most nutritional feed possible, Hanson has addressed the problem found with other style knives. Our ripping teeth minimize particle length reduction in the unloading process. Hanson's hardened, interlocking ripping teeth chew through the toughest packed or frozen forages and prolong augers life.

The 9" Lead Auger and the 11" Rear Auger run in opposite directions. This system works well in all types of forages, including longer cut material. The aggressive front auger turns faster and helps propel the machine therefore reducing torque on the drive unit.

SUPER-EDGE™

1/4" thick auger
flighting on rear
auger adds life to
the auger.



TWIN FROST CUTTERS

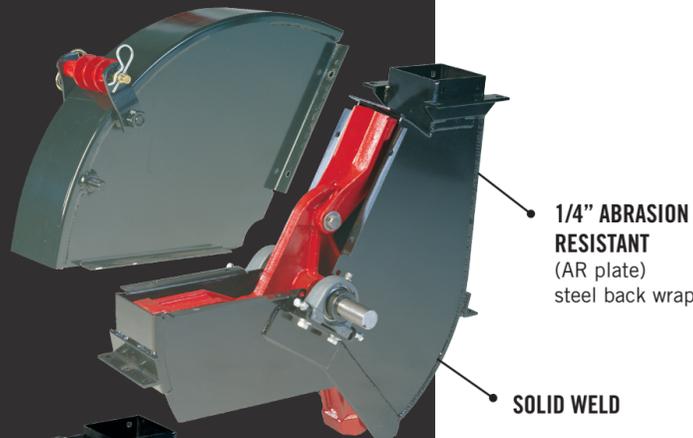
Case hardened frost cutters are aligned to effectively remove frozen material from the wall. Hanson's frost cutters are one-piece construction and self-tightening.

HANSON BLOWER OPTIONS:

28" ENDURO BLOWER

features 1 3/8" Adjustable Pillow Block Bearings for allowing easy adjustment for the tip clearance, large cast iron paddles, a 28" diameter housing for maximum blowing capacity, 1/4" AR plate backwrapper and removable top cover. Each blower paddle is attached by a large 1" hardened pin.

28" ENDURO BLOWER



24" TURBO BLOWER

features a stainless steel back wrap and a 1 3/8" shaft with high quality flange bearings. An excellent blower in many conditions - comes standard with all TwinTracs up to 16'.

24" TURBO BLOWER



YOKE STYLE SUSPENSION - WITH SPRING
LOADED PIVOT PINS
for easy lowering of the Yoke Assembly

24" OR 28" TURBO
BLOWER OPTIONS

FOUR-BELT DRIVE SYSTEM
results in smoother operation
and enhances belt life.

CAST IRON WEIGHTS

ADJUSTING HANDLES
replace set-screw adjustments
and need for wrenches.

DIFFERENTIAL-DRIVE TRANSMISSION GEARS
are made of a special manganese bronze
for long-lasting dependable performance to
handle frozen, hard-packed silage. Tapered
roller bearings on all shaft ends.

HEAVY 12-GAUGE GALVANIZED STEEL BACK
AUGER SHIELD
is standard on each Hanson unloader.

CAST IRON DRIVE WHEELS

GALVANIZED STEEL SPOUT
with 30" stainless steel
liner features one piece
construction, which means
no joint or spot welds to
break or cause corrosion.

SHORT SPOUT
is made of high grade steel. The short spout helps
change the direction of the feed, reducing wear on
the galvanized spout.

HEAVY-DUTY COLLECTOR RING
features a cast iron housing in which three solid
copper rings are mounted horizontally to provide
positive electrical power to the drive motor.

COUNTER-WEIGHT ANGLE
provides adjustable
mounting of counter
weights for balancing.

HEAVY STEEL 2-PC PROTECTIVE GRILL
fights acid corrosion by allowing feed
to fall through to the rotating augers.

HEAVY GAUGE STEEL CHANNEL FRAME
provides years of dependable service. Does not
require additional bracing or suspension cables.

ADJUSTING HANDLE
replaces set-screw adjustment and need
for wrenches.

10" DURABLE
SYNTHETIC
WHEELS
provide adjust-
ment between
twin frost cut-
ters and the silo
wall.