

REVOLUTIONARY!
 RADIAL HAS OVER 15 YEARS OF
 MAINTENANCE-FREE OPERATION!

HANSON RADIAL™ II

CENTER DRIVE UNLOADER

Hanson has been a pioneer in the silo unloader business and we continue their tradition of high quality unloaders with Radial II. At a time when the competition has eliminated their center drive silo unloaders due to bad designs, the Radial II continues to be a BEST SELLER.



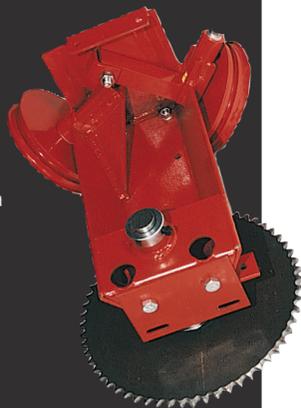
The heart of the Hanson Radial II is the simple, unique center drive unit. It features a precision and case-hardened differential chain, manufactured especially for the radial drive from a special boron alloy. This alloy gives the chain over a 20,000# tensile strength, resulting in LONG CHAIN LIFE. No roller chain here!

All of the links in the endless loop are precision calibrated with no links to create weak spots.

Through the use of a special dual-disk sprocket mounted under the collector ring and a 5 lobe self-cleaning, final drive sprocket, a 6-to-1 final torque output is created which is unequalled in center drive unloaders. Some competitive unloaders use a 4-to-1 final torque output which requires more power.

The Radial II Center Drive also features an adjustable torque limiter to protect the unloader in difficult silage conditions.

All of this adds up to a simple, but rugged machine that guarantees years of practically maintenance free service. It's so unique, that there is a patent pending on its specially designed center drive system.



THERE IS A DIFFERENCE... THE HANSON RADIAL II DIFFERENCE!

- Simple, positive, clean design
- Rugged and reliable
- Less parts and maintenance
- Easy to service
- No right angle gear boxes or universal joints
- 6-to-1 final torque output
- Low amperage draw results in lower electrical costs

HANSON BLOWER OPTIONS:

The Hanson Enduro 28" 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.



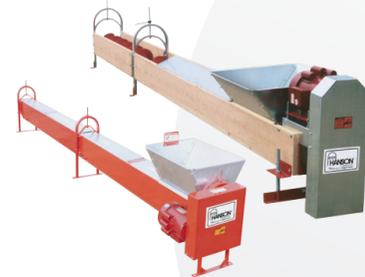
The Hanson Turbo 24" Blower uses a stainless steel back wrap. A 1 3/8" shaft with high quality flange bearings. An excellent blower in many conditions.



QUALITY HANSON PRODUCTS



SUPER-TRAC RING DRIVE UNLOADER



BUNK FEEDERS AND CONVEYORS



TWIN-TRAC SURFACE DRIVE UNLOADER



RADIAL II CENTER DRIVE UNLOADER

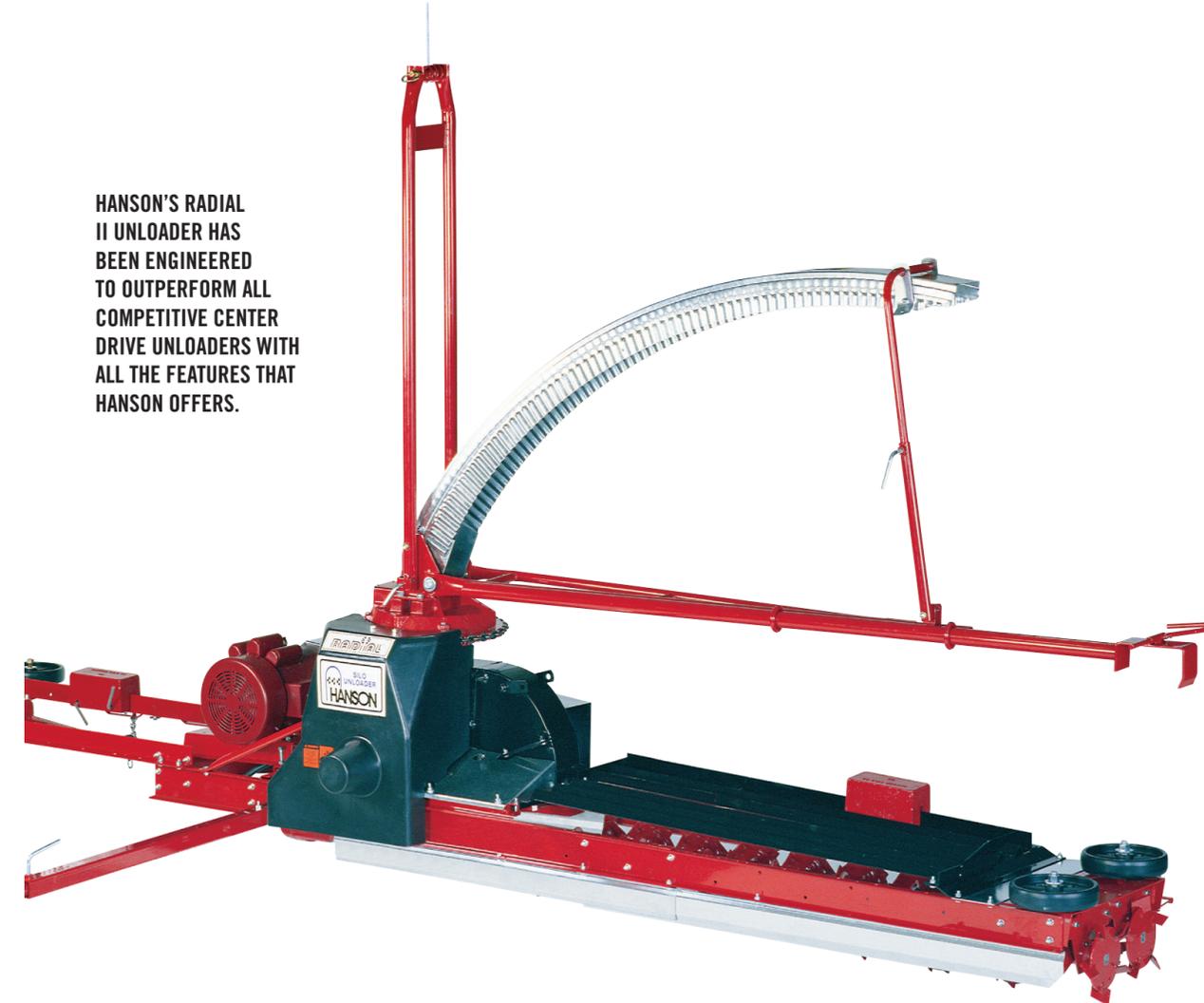


POSI-TRAC RING DRIVE UNLOADER

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.

RADIAL II

HANSON'S RADIAL II UNLOADER HAS BEEN ENGINEERED TO OUTPERFORM ALL COMPETITIVE CENTER DRIVE UNLOADERS WITH ALL THE FEATURES THAT HANSON OFFERS.



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RADIAL II CENTER DRIVE UNLOADER

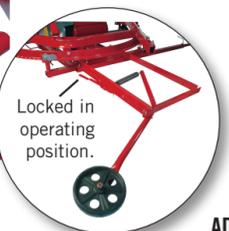
Hanson's Radial II Unloader has been engineered to out-perform competitive center drive unloaders - with all the features that Hanson offers!



TENSION WHEEL LEVER
makes applying tension to the spring fast and easy.

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

10" DURABLE WHEEL
mounted on an adjustable arm, helps to keep the unloader centered properly within the silo.



ADJUSTABLE TORQUE LIMITER/ CLUTCH
protects the machine from damage if there is a sudden forward/reverse directional change.

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

NO WRENCHES NEEDED TO GO FROM FEEDING TO FILLING!

AUGER 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 GAUGE STEEL CHANNEL FRAME
provides years of dependable service. Does not require additional bracing or suspension cables as some brands do.

DUAL AUGERS
counter rotate at different speeds to deliver a consistent, large volume of feed in the coldest weather. Case-hardened steel knives assist the cutting action of the dual augers.

TWIN FROST CUTTERS
are self-sharpening, case-hardened steel blades to keep silo wall free of frozed silage build-up.

GALVANIZED STEEL SPOUT
features one piece construction, which means no joints or spot welds to break or cause corrosion.

SHORT SPOUT
is made of galvanized 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.

LARGE ANGLE
provides adjustable mounting of counter weights when required.

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

ALL STEEL PROTECTIVE GRATE
fights acid corrosion by allowing feed to fall through to the rotating augers, yet provide operator safety.

10" DURABLE SYNTHETIC WHEELS
provide adjustment between twin frost cutters and the silo wall.



Full-length Stainless Steel Spout Liner (optional)

GREAT FOR HAYLAGE!



1/4" SUPER-EDGE

9-GAUGE, .148 HEAVY-AUGER TUBING

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-EDGETM

1/4" thick auger fighting 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 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.

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.

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

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