



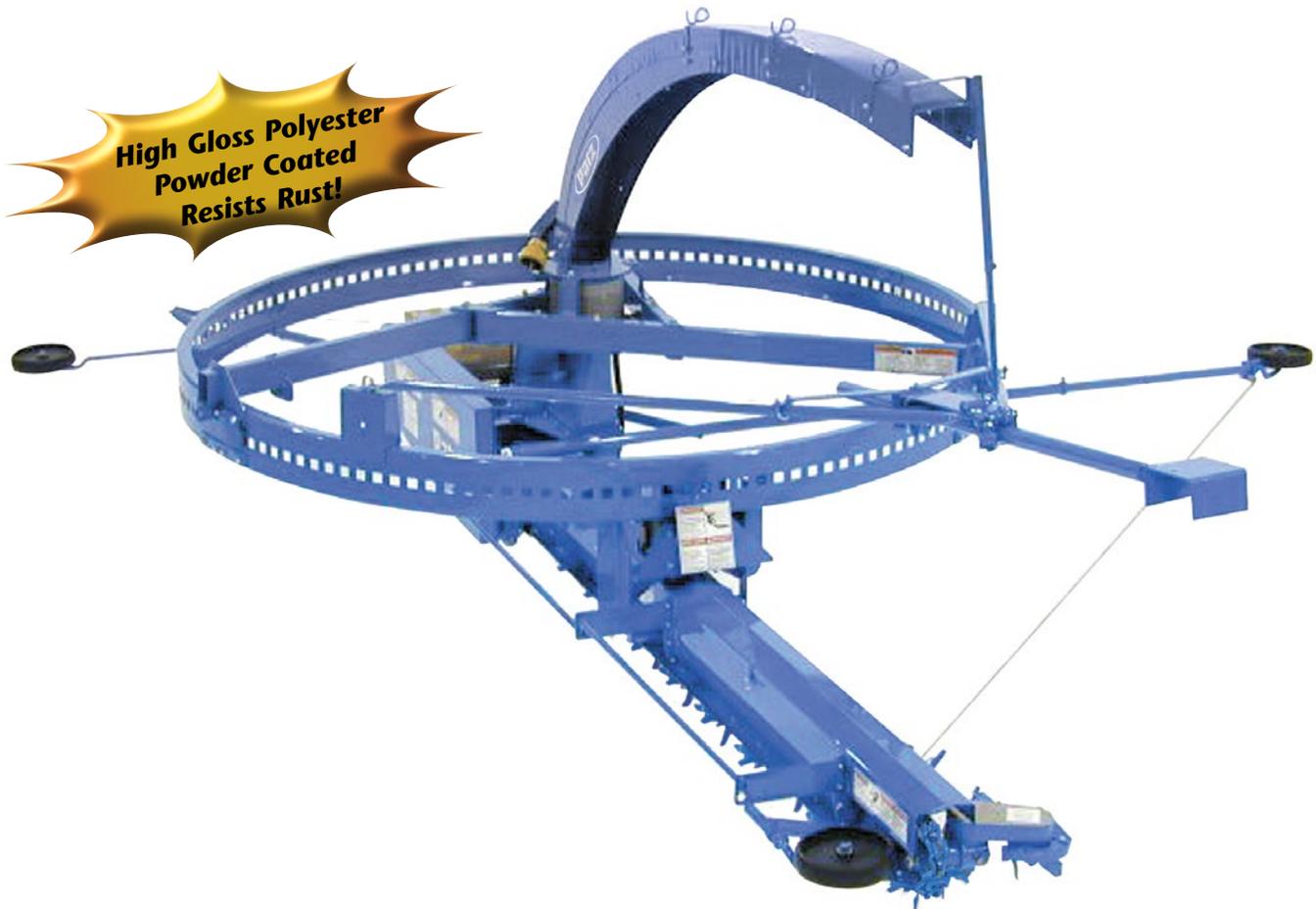
Since 1948

# Ring Drive Gathering Chain Silo Unloader

## Frozen Silage & Hard Packed Feeds

### Have Just Met Their Match!

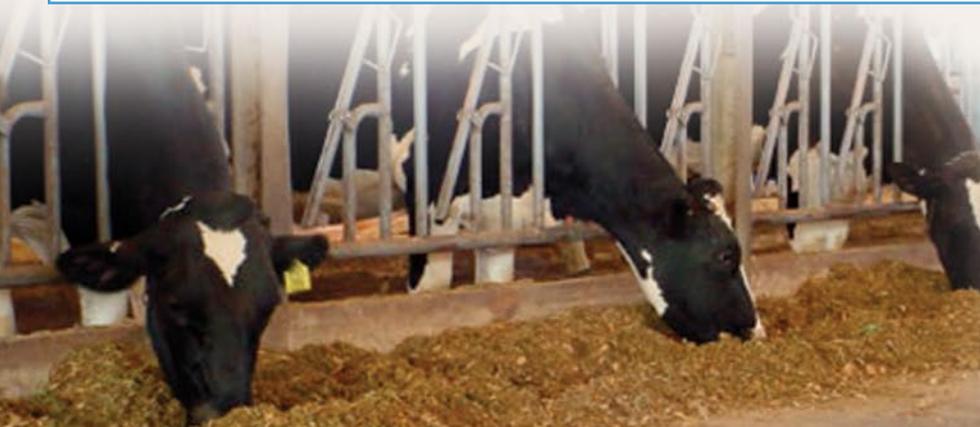
#### Patz RD-2200



**High Gloss Polyester  
Powder Coated  
Resists Rust!**

**Reasons why customers  
prefer the Patz RD-2200  
Silo Unloader:**

- High volume unloading in the toughest conditions.
- Reduced labor costs!
- Easy to operate.





# RD-2200 Silo Unloader



The optional distributor board provides improved distribution. Benefits of the distributor board include maximum silo capacity.



The power cutter's unique design with its spinning action follows the exact curvature of the silo wall.

Spring tension keeps the spinning, self-sharpening knives in position resulting in a "clean-shaven" silo wall.

An oil-bath for the roller chain-driven power cutter provides long service life. Wear shoe is easy to replace and keeps maintenance economical.

## BLOWER FEATURES

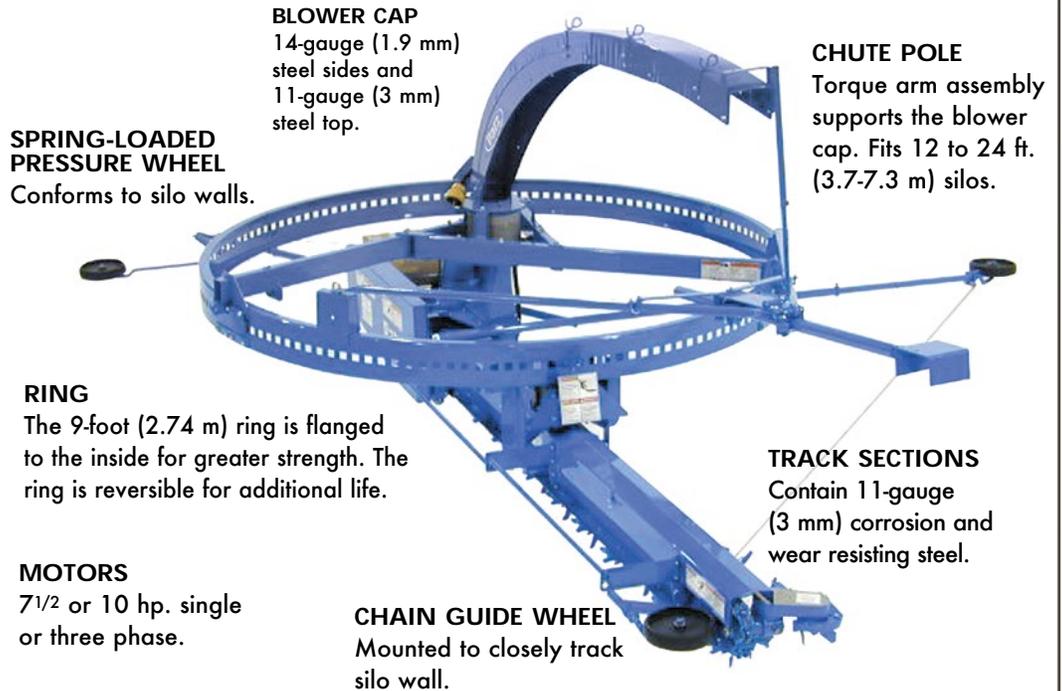


26-inch (660 mm) blower delivers high volumes of silage. Inspection cover removed for easy impeller adjustment (guard removed for viewing).

Extra-thick, 1/4" (6.35 mm) abrasion-resisting steel lower blower band increases service life and minimizes repair expenses. Lower blower band is easily replaceable.



## SUSPENSION ARM CHOICES For various sized silos and three-cable systems for tripod or hexapod installations.



**BLOWER CAP**  
14-gauge (1.9 mm) steel sides and 11-gauge (3 mm) steel top.

**CHUTE POLE**  
Torque arm assembly supports the blower cap. Fits 12 to 24 ft. (3.7-7.3 m) silos.

**SPRING-LOADED PRESSURE WHEEL**  
Conforms to silo walls.

**RING**  
The 9-foot (2.74 m) ring is flanged to the inside for greater strength. The ring is reversible for additional life.

**TRACK SECTIONS**  
Contain 11-gauge (3 mm) corrosion and wear resisting steel.

**MOTORS**  
7 1/2 or 10 hp. single or three phase.

**CHAIN GUIDE WHEEL**  
Mounted to closely track silo wall.

The RD-2200 Silo Unloader combines our aggressive gathering chain in a ring drive. The basic unit adapts to silos 12 to 24 feet (3.7-7.3 m) in diameter by adding a cutter-bar section, gathering chain, guards, and blower cap extensions.

The pivot-mounted gearbox assures engagement of the drive sprocket into the ring for positive drive.

The Patz ring-drive torque limiter features a farm proven radial-pin design to provide accurate torque release under adverse conditions of hard-packed and frozen silage while protecting the ring and drive system.

The RD-2200 is so well balanced it needs no counterweights.



Four cupped, adjustable paddles increase blowing power for conventional heavier & wetter forages. The swinging paddles with stainless steel pins ease startup.



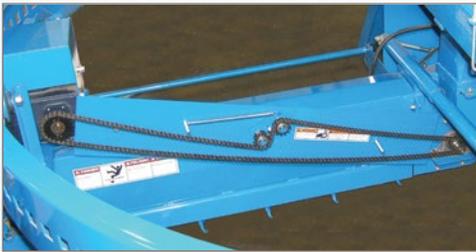
Three cupped, adjustable paddles increase blowing power for longer cut, drier, lighter forages. The swinging paddles with stainless steel pins ease startup.



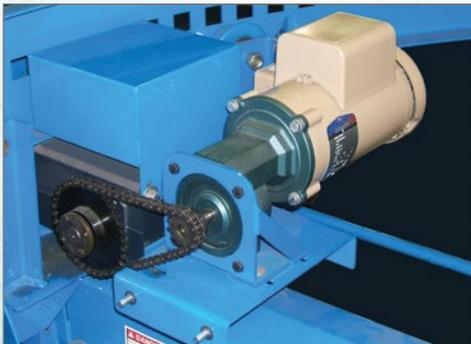
Heavy-duty, cast-iron gathering chain drive gearbox provides rigidity for housing machined gears in the oil-bath transmission (cut-away view).

## Choice of Drives:

Select from 3 different rotation speeds of unloader to match silo diameter.



Roller chain drives this RD-2200 around the ring (guard removed for viewing).



Use independent-motor-drive option if using a center-fill distributor board (guard removed for viewing).

## Patz Electrical Joint is Unmatched in Design

- Easy serviceability.
- Easy to grease.
- 7/8" extra wide (22 mm) copper-alloy rings & brushes.
- Large 3-3/4" x 6" (95 x 152 mm) easy access opening to brushes.
- One-piece housing sealed against dust & moisture.
- Dielectrically tested to assure all circuitry functions properly.
- CSA approved cord resists oil, silage acids, moisture, and abrasion.
- Cord features copper construction throughout to carry maximum electrical loads.



This torque limiter protects the ring and drive gearbox from overload while providing positive drive power (guard removed for viewing).

## Required Equipment for your Safety and Convenience

Control panel with ammeter



Remote pushbutton station

Allows the operator to control the unloader while servicing and prevents unintentional 'start-up' by others.



## Genuine **PATZ BLUE** Gathering Chain & Sprockets Delivers Maximum Performance Every Time!

The **PATZ BLUE** Gathering Chain includes closed-die forged hardened cutters and claws to deliver maximum performance you can count on every time!

When you purchase a Patz RD-2200 Silo Unloader with **PATZ BLUE** Gathering Chain and Sprockets, you can expect the following results:

- **Maximum life expectancy** resulting from a more uniform fit between the gathering chain & sprockets.
- **Minimized wear** and **increased durability** thanks to the consistent hardness level achieved through the manufacturing process.
- **Maximum performance in hard packed and frozen feeds every time** by the closed-die forged hardened gathering chain cutters and claws.
- **High volume delivery for fast feeding** resulting in **reduced labor costs!**



**PATZ BLUE** Gathering Chain and Sprockets, manufactured using state-of-the-art techniques and a special heat treating process, enable a precise degree of hardening. Includes closed-die forged and hardened cutters and claws for superior strength. The gathering chain's performance results in a high volume delivery for fast feeding. All-welded construction eliminates points of corrosion. Fast (613 ft./min.; 186 m/min) chain speed for high-volume delivery.

# Available Options

## End winch watching

**and maintain a steady, high-volume silage flow with automatic lowering.** An optional electric motor-driven winch lowers the Patz ring-drive silo unloader automatically after it makes each complete revolution.

**You can adjust the letdown to match the silage condition and your desired rate of feed flow.**

To regulate volume of feed, adjust the volume control dial toward the "Min" or "Max" position as required. **An ammeter allows you to monitor the load** on the silo unloader motor while setting the volume control adjustment.

**The automatic lowering control keeps the silage surface level for reliable operation and constant full-flow feeding.** This winch control also allows you to easily raise the silo unloader at any time with the push of a button.

**If you already own a Patz ring drive unloader, you can add this automatic lowering option to your present unloader.**

## Rotation Control

**is available, allowing the blower to clean out before stopping. No need to lift unloader off silage surface.**

### AUTOMATIC LOWERING OPTIONS



Flip a switch to raise or lower your Patz ring-drive unloader for easy filling and feeding.



*Quick and easy installation from parts to same day operation or storage!*

The Patz RD-2200 can replace any top unloader – even if your silo is partly empty! All RD-2200 parts go up the silo chute for easy installation whether your silo is full or partly empty. Now is the time to replace your old unloader with the preferred replacement - the Patz RD-2200 Ring Drive Silo Unloader.

*Reasons why choosing genuine PATZ BLUE Silo Unloaders is your best investment!*

1. Dependable, superior quality products.
2. Customer support service before and after the sale.
3. Company certified technical support personnel are just a phone call away.
4. Flexible payment plans available.
5. Local Patz dealership support. From sales to certified service personnel, your local Patz dealer has the expertise, products & programs to keep your operation running efficiently and successfully.
6. Leading warranty in the industry: 1-year for all silo unloaders.



**CAUTION:** Never operate Patz equipment without all shields and guards in place. Safety is no accident. Before operating any piece of equipment, be sure to read and understand the operator's manual. This manual should be kept with the machine at all times.

Additionally, make sure all safety shields and devices are functioning properly and are securely in place.



For some photos in this brochure, guards were removed for photographic purposes only to allow viewing of the equipment features. Before operating equipment, all guards must be in place. Because Patz continually improves and updates products, Patz reserves the right to change the construction of machines or attachments or any part thereof without incurring any obligation to make like changes on Patz machines, or attachments previously delivered. Specifications and prices subject to change without notice.



**Since 1948**

**Proven Performance You Can Count On!**

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ASK FOR DETAILS.**

