



Since 1948

# Single Auger Ring Drive Silo Unloader

***Raising the Standard of Excellence!***

**Patz A1® SERIES II**

**Superior Performance.**

**Highest Quality Design.**

**Unbeatable Service.**



A1® is a registered trademark of Patz Corporation.

- Simple design constructed with heavy-duty drive ring for easy installation & low-maintenance operation.
- Fast feed delivery from silo to chute – saves time & labor!
- Superior chipper performance for excellent feed removal.

**Leading written warranty in the industry backed by a reputable, family-owned company, serving farmers worldwide since 1948!**

**FEEDINGSOLUTIONS**  
[www.patzcorp.com](http://www.patzcorp.com)

**FLEXIBLE PAYMENT  
PLANS AVAILABLE!  
ASK FOR DETAILS.**





# Removes Hardest Packed and Frozen Silage

## A1® Performance Features You Can Count On!



- ① **Drive ring.** Heaviest, reversible ring in the industry! Heavy 7-gauge (4.5 mm) thick steel, 9 foot (2.74 m) diameter (3 section) ring is flanged to the inside for greater strength and is reversible for greater life. Provides maximum stability for proper machine balance in changing silage conditions.

- ② **Ring drive gearbox.** Power to the drive sprocket is transmitted from a rugged ring drive gearbox that is shaft driven (one motor drive) or totally enclosed, motor driven (two motor drive-pictured). 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.  
⚠ Shown with cover and guard removed for viewing purposes only!

- ③ **Torque arm and chute pole assembly.** Heavy-duty torque arm and chute pole maintain proper position of unloader. Telescoping chute pole and a continuously self-aligning blower cap mean less door changes.

- ④ **Stainless steel auger cover and powder coated High-Strength, Corrosion-Resistant Steel sides.** Resist corrosive acids found in silages. Structure designed for added durability and rigidity.

- ⑤ **High-performance auger.** Heavy-duty 10" (254 mm) high-capacity auger is made with 1/4" (6.4 mm) thick flighting. Double flighting at the chipper wheel end, and double kickers at the blower end of the auger provide smooth operation while removing the hardest packed and frozen materials.

- ⑥ **Special hardened steel knives.** Aggressively cut through and deliver frozen, hard-packed silage.

- ⑦ **Chipper wheel.** 6 self-sharpening steel knives welded securely to chipper wheel to clean silo wall.

- ⑧ **Chipper wheel cover.** Reduces feed buildup on top of wall wheels.

- ⑨ **Auger drive gearbox.** Powerful beveled gears deliver the power to meet the challenge of hard packed or frozen silage. Heavy flanged coupling separates the auger from the gearbox. Synthetic oil in gearbox performs in the coldest environment.

- ⑩ **Roller chain-driven single-motor drive.** Gives a more positive drive.

- ⑪ **Two 10" (254 mm) diameter wall wheels.** Adjustable, long-life heavy-duty polyethylene wall wheels for accurate positioning of chipper wheel. An adjustment bolt on each wheel allows for a more precise setting of wheels.

- ⑫ **3-point suspension system** keeps unloader level, eliminating the need for counterweights. Choice of suspension arms to fit tripods or hexapods. Optional high clearance suspension arms available for hexapods (16'-24' units) to add extra feed storage and lift.

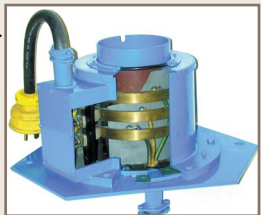
- ⑬ **3-cable suspension.** Using high-tensile strength aircraft cable, provides the ultimate stability of unloader. Includes the strongest main cable in the industry at 3/8" diameter!

- ⑭ **Heavy-duty blower with impeller.** 26-inch (660 mm) high capacity blower features ductile iron bearings and 3 cupped, adjustable paddles to deliver high volumes of silage. Paddles feature stainless steel pins and can be mounted fixed or swinging to ease start up. Air intakes in the blower reduce air resistance for more throwing power. Blower band is made of 1/4" (6.4 mm) abrasion-resistant steel for longevity. Stainless steel cut off blade is standard.



- ⑮ **Blower cap.** Thick steel sides and top for maximum life. Includes holders to keep electric cord securely in place along blower cap arch.

- ⑯ **Collector ring.** The Patz electrical joint is the best in the industry, unmatched in design for reliability and longevity:
- **Easy serviceability.**
  - **7/8" (22 mm) extra wide** copper-alloy rings & brushes. Rings vertically stacked to prevent arcing.
  - **One-piece housing** sealed against dust & moisture.
  - **Dielectrically tested** to assure all circuitry functions properly.
  - **Cord features** copper construction throughout to carry maximum electrical loads.
  - **CSA approved cord** resists oil, silage acids, moisture and abrasion.



- ⑰ **Motors.** Choice of 1/3, 1/2, or 3/4 hp single and three phase motors (2-motor drive gearboxes).

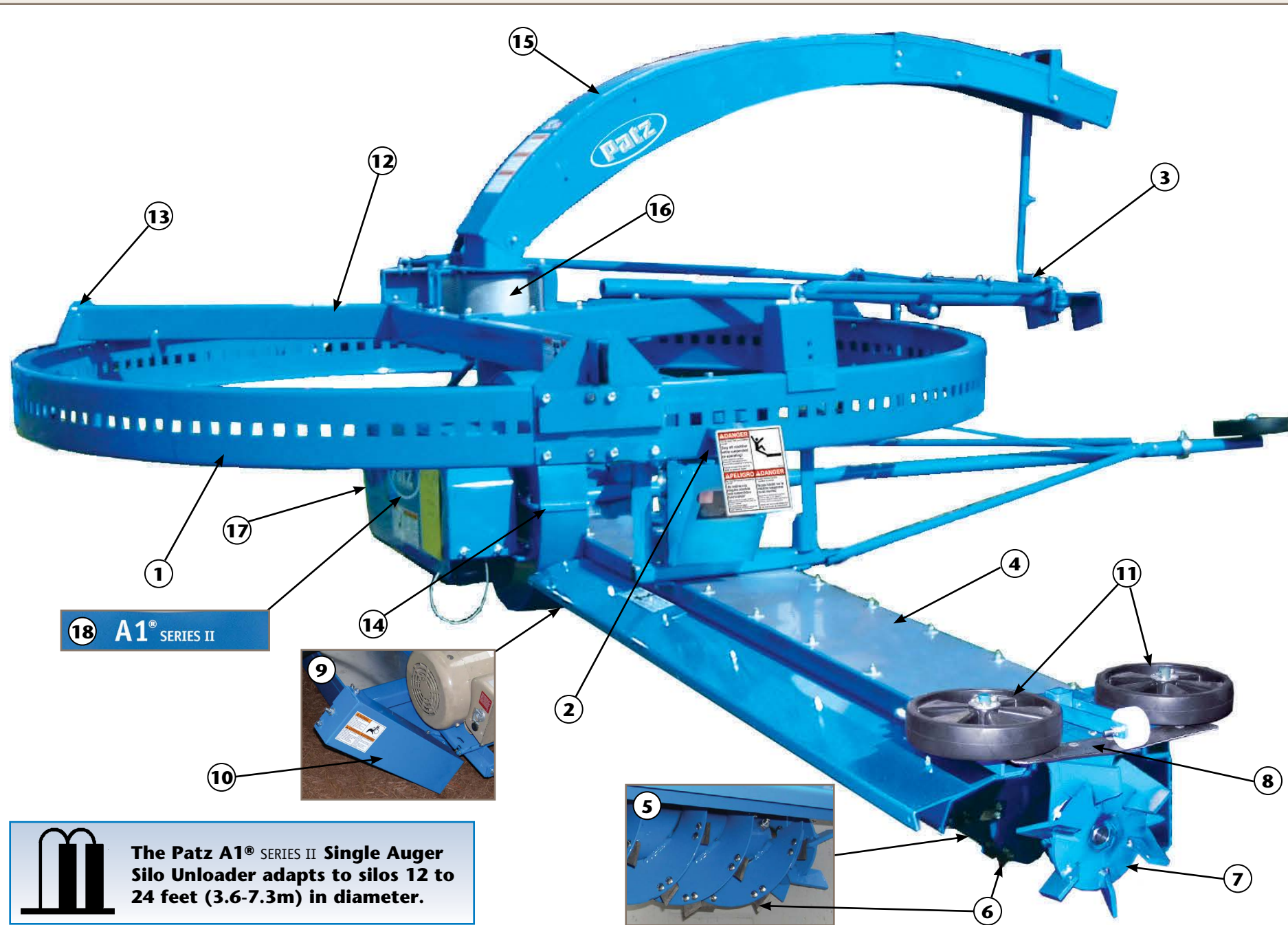
- ⑱ **A1® SERIES II Quick ID Logo.** Easy unit identification.

- ⑲ **Control panel & remote pushbutton station.** Required equipment for your safety and convenience. Single phase, single phase rotation control, and three phase control panels available. Allows the operator to control the unloader while servicing and prevents unintentional 'start-up' by others.



Control panel with ammeter

Remote pushbutton station



The Patz A1® SERIES II Single Auger Silo Unloader adapts to silos 12 to 24 feet (3.6-7.3m) in diameter.

Written warranty backed by a reputable company, serving farmers worldwide since 1948! Ask for a copy of our warranty – your guarantee for reliable, dependable performance!





# 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.

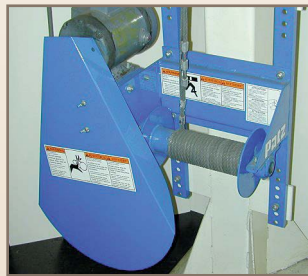
**You can adjust the letdown to match the silage condition and your desired rate of feed flow.**

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.**

## AUTOMATIC LOWERING OPTIONS



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

## Hexapod Support System –

Patz offers the hexapod with the highest lift in the industry! Optional high clearance suspension arms provide extra feed storage and clearance for filling with 16'-24' units. The hexapod's 3-cable suspension includes the strongest main cable in the industry at 3/8" diameter! (Hexapod shown in simulated installation on display stands.)



## Distributor Board –

Top quality silage requires a uniform distribution for better compaction of materials during the silo filling process. To accomplish this, Patz offers gravity-type and power-assisted distributors.



## KIP (Keep-It-Patz) Package

Convert your current Patz ring drive silo unloader to an A1® SERIES II Single Auger Silo Unloader.

### The A1® SERIES II KIP package includes:

- High-performance auger
- Chipper wheel
- Auger mounting framework with motor mount
- Auger drive gearbox
- Wall wheels
- Special hardened knives
- Heavy-duty blower with 3-paddle impeller
- Belt shield, v-belts, and pulleys

Contact your local Patz dealer today!



**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.

## Proven Performance You Can Count On!

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# Patz®

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