400 GUTTER CLEANER

PATZ GUTTER CLEANERS ARE FLEXIBLE AND VERSATILE TO MEET YOUR EXACT NEEDS - FROM TRADITIONAL TIE-STALL BARNS TO TODAY'S MODERN DAIRY FACILITIES.

Farmers worldwide continue to experience the reliability, durability, and proven performance of the Patz Gutter Cleaner for meeting their manure handling needs since 1948!

400 GUTTER CLEANER
Standard Features

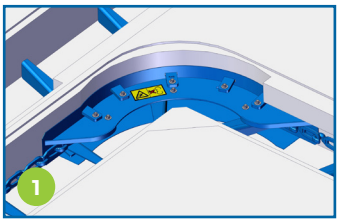
PATZ GUTTER CLEANER IS THE BEST VALUE FOR YOUR INVESTMENT

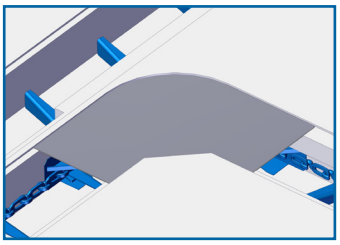
Let a Patz Gutter Cleaner handle your manure so you don't have to!

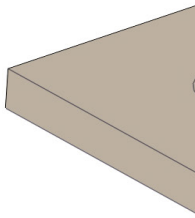
Whether you're looking for a replacement gutter cleaner for your current barn or installing a gutter cleaner in a new facility, choose Patz for proven performance you can depend on 365 days a year! The Patz Gutter Cleaner is designed to move manure around corners and up inclines. The all-steel slides and one-piece steel flites with wear shoes are engineered to withstand the rugged wear of everyday operation.

1 **Patz Return Corner Shoe is designed for reliability and strength**. The return corner shoe guides the chain smoothly through the inside corner. Only the hook of the link contacts the return shoe. The high strength, corrosion-resistant steel return corner shoe is fastened to a sub-anchor that is firmly secured to an anchor embedded in the concrete wall and floor. A steel wear gutter plate protects the bottom of the gutter.

For added safety, Patz recommends the gutters be covered in all areas, where possible. Provide added safety with steel gutter covers available from Patz.

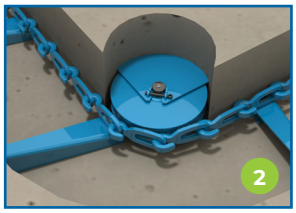


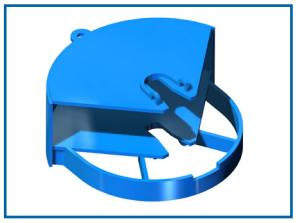


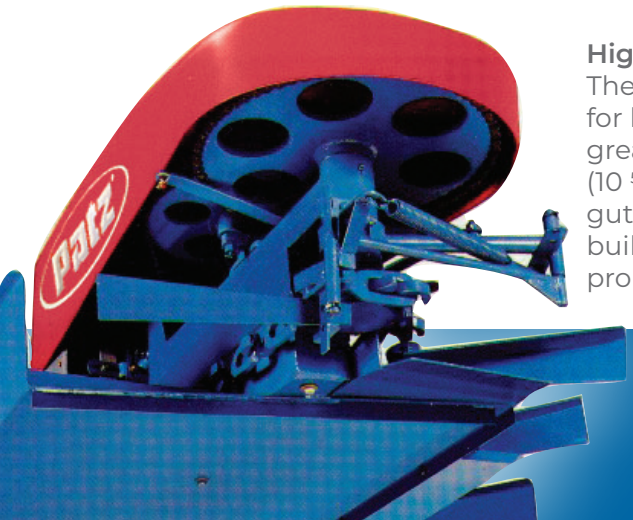


2 **Patz Corner Wheels keep the chain on**. Large, double-flanged, 12 inch (305 mm) corner wheels are designed to contact only the back of the link. The wheel is through-hardened to a specific hardness that resists wear. Each corner wheel has a greaseable composite bearing.

Corner wheel housing allows easy removal of corner wheel for replacement or maintenance - without breaking concrete!

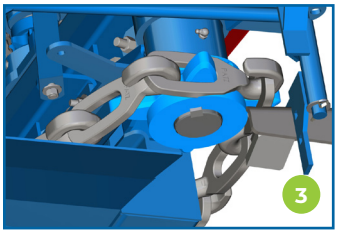






High-Strength, Corrosion Resistant Steel Slides. The slide is constructed of 11 gauge HSLA steel for long life and welded to the center beam for greatest structural strength. The loaded side (10 ⅝ inch (270 mm) high) keeps manure in the gutter cleaner and the surrounding area clean. Each slide is custom built and includes return slide lips. Our gutter cleaner has a 10 year prorated warranty. Ask for details.

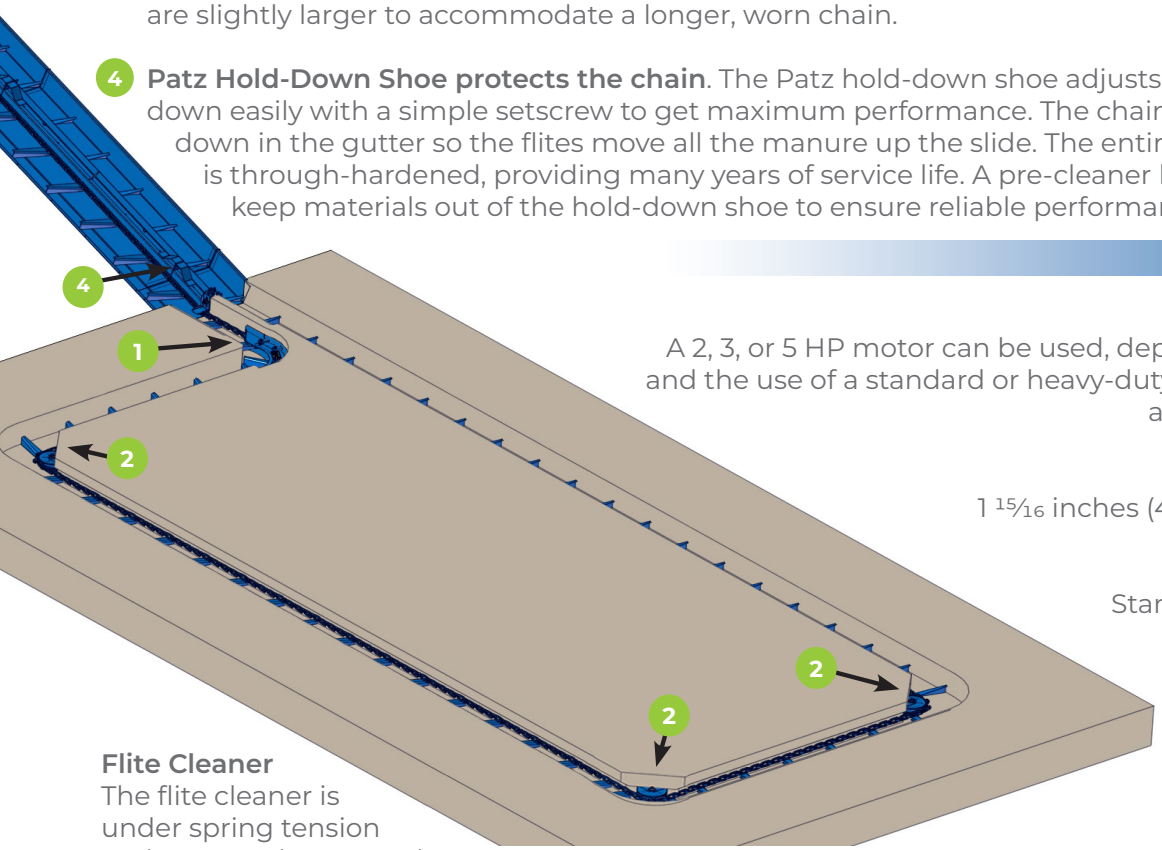
• PROVEN PERFORMANCE SINCE 1948 •



3 **Patz Drive Sprocket protects the chain, keeps the chain on, and lasts for years**. The Patz Chain fits the Patz 4-tooth sprocket without bending the links. A massive sprocket tooth pushes every link behind the hook. The large sprocket teeth pick up the chain and help keep it on the sprocket for reliable operation. The sprocket is reversible for extra years of service, and often lasts as long as our long-wearing Patz chain.

An oversized sprocket is available to get more life out of the chain. If ten links measure more than 63 inches (1600 mm) and the chain doesn't fit the drive sprocket properly, you may want to consider an oversized sprocket. The hub and teeth of the sprocket are slightly larger to accommodate a longer, worn chain.

4 **Patz Hold-Down Shoe protects the chain**. The Patz hold-down shoe adjusts up or down easily with a simple setscrew to get maximum performance. The chain is held down in the gutter so the flites move all the manure up the slide. The entire shoe is through-hardened, providing many years of service life. A pre-cleaner helps keep materials out of the hold-down shoe to ensure reliable performance.



Electric Motor
A 2, 3, or 5 HP motor can be used, depending on the length of chain and the use of a standard or heavy-duty reducer. Your Patz dealer will advise you in selecting a motor.

Final Drive Shaft Sizes
1 15⁄16 inches (49 mm) or 2 ½ inches (64 mm)

Roller Chain Sizes
Standard Reducer #60 and #40 or Heavy-Duty Reducer #80 and #50 Chain

Two Reducer Sizes
Each has a welded steel frame, grease fittings at all critical bearings, and rugged roller chain drive. Standard reducer for up to 280 ft (85 m) of gutter cleaner chain. Heavy-duty reducer for longer pulls of gutter cleaner chain.

Flite Cleaner
The flite cleaner is under spring tension and scrapes the top and front of each flite. A clean flite assures efficient manure removal.

Reducer Brakes
Our standard reducer brakes prevent chain backup when motor is turned off.

Chain Tightener
The chain tightener is a spring-loaded bar that pushes outward against the chain. Working in conjunction with the hold-in angle, they maintain proper chain tension. Chain links can be removed without tools to take up excess slack.

• *CUSTOMIZE YOUR PATZ GUTTER CLEANER TO SUIT YOUR NEEDS* •

400 GUTTER CLEANER
Benefits, Features, and Specifications

REASONS WHY CHOOSING A GENUINE PATZ GUTTER CLEANER IS YOUR BEST INVESTMENT!

An affordable and efficient way to move your manure.

- Dependable, superior **quality products**. Since 1948, Patz has established a tradition of quality by providing products that have gained a world-wide reputation for long-lasting dependability and superior performance.
- **Customer support** services before and after the sale.
- Company certified **technical support** personnel with years of experience are just a phone call away.
- **Flexible payment plans** available.
- **Local Patz dealership support**. The same dedication to quality that Patz exhibits in equipment is expressed in the training and the type of person chosen to be a Patz dealer. Patz sponsors a continuing program of training seminars that consist of intense in-the-field and in-plant training sessions.

  From sales to certified service personnel, your local Patz dealer has the expertise, products, and programs to keep your operation running efficiently and successfully.
- Leading written **warranty** in the industry.

400 Gutter Cleaner	U/M	
Chain		400 Hook-and-Eye, All-Steel Link
467 Flite	in (mm)	High, Steel Flite, 1/2 (13) Wear Shoes Welded to Bottom
447 Flite	in (mm)	2 (51) High, Steel Angle, 1/2 (13) Wear Shoes Welded to Bottom
Flite Spacing	in (mm)	12 (305) / 18 (457) / 24 (610)
Gutter Width	in (mm)	15 (381) to 20 (508) with 1/2 (13) Increments
Drive Unit		Heavy-Duty Reducer Drive Unit; Belt and Roller Chain Drive
Motor		2 HP / 3 HP / 5 HP

PRINTED WARRANTY:

Patz chain is backed by a 15 year (5 year full) extended written warranty. Compare the Patz chain's warranty with any other hook-and-eye chain warranty. You will see why Patz chain is your best investment. For your protection, insist on a printed warranty that details all of the items covered and exactly how compensation will be made.

Note: New Patz contact points must be installed at the same time as new Patz chain in order to qualify for warranty.

SAFETY! It's no accident

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.

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