Patz®

Since 1948

IntelliCable® Alley Scraper

Keep your herd clean with the push of a button!

Automatically clean on a precise schedule – even while you sleep!

- Advanced **SmartSense®** learning system constantly adjusts to weather, bedding, and manure changes while recalculating the amount of energy required to clean.
- Energy-efficient drive system!
- Drive unit design includes technology for precise scraper automation!
- Scrapers designed for easy removal.
- Easily installs in existing or new barns!
- Low maintenance!

Pro II

Programmable BUMP FEATURE for superior sensitivity!

Pro III

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

For concrete alleys or rubber flooring!

MANURESOLUTIONS

www.patzcorp.com

Improve your bottom line with Patz!

- Reduce expenses with time, labor, and energy savings.
- Minimize wear on tractor/skid-steer and facilities.
- Clean more often.
- Reduce livestock stress with quiet, emissions-free cleaning!

"We run the scrapers continuously to keep the cows as clean as possible - a key factor in keeping SCC low and herd health high."
-WI Dairy Farmer

High quality milk starts with cleaner, calmer cows!

SmartSense® MasterMind Control Panel

Provides the quality and safety features you want for your employees and family.

- Fiberglass frame with easy-to-use, quick-connect electric cables with pre-wired junction box.
- Glove-friendly, easy-to-use, 5.7" (145 mm) color HMI touch screen display.
- Large, easy-to-recognize universal language icon navigation.
- 3 operational modes: MANual, CONTinuous, and AUTOmatic (schedule up to 12 cycles per day).
- Adjustable speed control.
- "Auxiliary Relay Function" allows the operator to automatically start another machine, lights, or horns by supplying a start signal.
- Patz innovative "Learning System."
- Superior sensitivity - programmable BUMP feature.
- Advanced "Patz Remote Notification" emails and/or text messages operator(s) with scraper status and service updates. Transmits updates following corrective service.
- Faults are stored in memory up to 4 weeks—even if power is cycled. Allowing service technicians to quickly troubleshoot.
- Integrated LOCK-OUT/TAG-OUT power disconnect lever.
- HARD PULL one-button feature works great for freshly bedded alleys and times of heavy or excessive manure.
- QUICK CLEAN feature cleans alley in between scheduled cleanings.
- PARK feature positions scrapers out of way when needed (designate alternate scraper location other than HOME).
- Black plastic manual box included to protect Operator's and Parts Manuals from the environment.

UL/cUL certified!

Available in:
1Ø or 3Ø, 230 V power, 50/60 Hz.
Higher voltage option available.

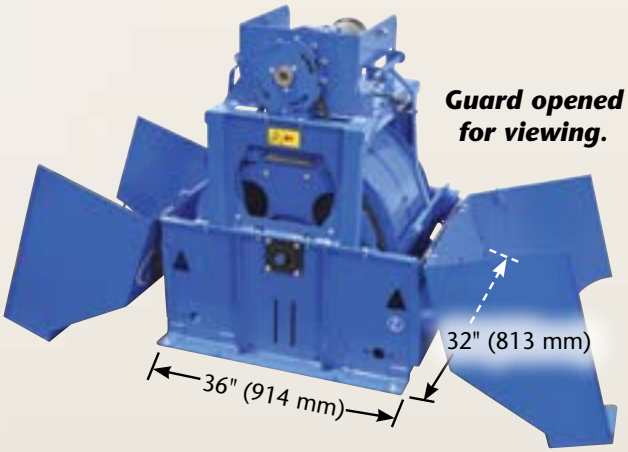
SmartSense® Control Panel features an easy-to-use, "glove-friendly", color HMI touch screen.

Save steps and labor when you control all functions of the IntelliCable® Alley Scraper at the SmartSense® Control Panel.

IntelliCable® Drive Units

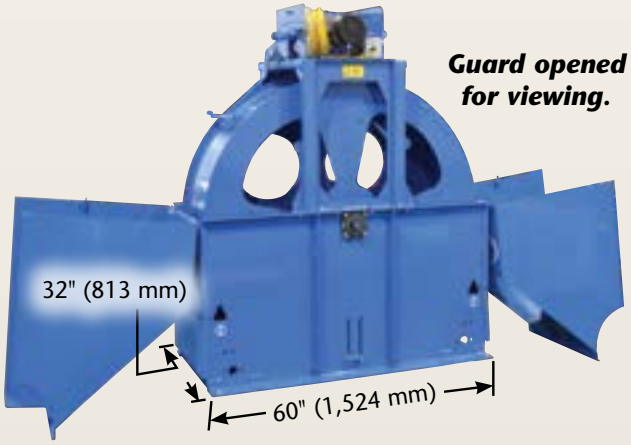
IntelliCable® Pro II

- ¾-hp electric motor
- Efficient 376:1 planetary speed reducer
- #80 roller chain drive
- 27½" (699 mm) diameter drive drum - 18½" (470 mm) wide
- 2 cable over wrap switches
- 3/8", 7/16", & 1/2" O.D. cable
- Safety interlocks
- External bearings with grease fittings
- Sensor disc and proximity sensors



IntelliCable® Pro III

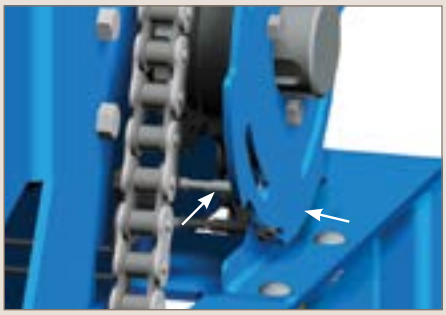
- ¾-hp electric motor
- Efficient 376:1 planetary speed reducer
- #80 roller chain drive
- 56" (1,422 mm) diameter drive drum - 18½" (470 mm) wide
- 2 cable over wrap switches
- 3/8", 7/16", & 1/2" O.D. cable
- Safety interlocks
- External bearings with grease fittings
- Sensor disc and proximity sensors



Max. Scraped Alley Length (SAL) & Max. Total Circuit Length (TCL) w/4 Scrapers	Pro II ft. (m)	Pro III ft. (m)
SAL with 1/2" Cable	215 (66)	440 (134)
SAL with 7/16" Cable	250 (76)	510 (155)
SAL with 3/8" Cable	280 (85)	570 (174)
TCL with 1/2" Cable	850 (259)	1,760 (536)
TCL with 7/16" Cable	1,000 (305)	2,040 (622)
TCL with 3/8" Cable	1,100 (335)	2,280 (695)

Keep your livestock clean and healthy by installing the **IntelliCable®** Alley Scraper, a part of the SmartClean® Scraper Systems by Patz

Sensor Control



Drive unit design includes sensor disc and proximity sensors to provide the control panel with necessary information to keep track of scraper's position and direction.

Self-Locking Ratchet System

The self-locking ratchet system allows easy tightening of cable.

Customize your IntelliCable® Alley Scraper to fit your operation!

Corner Wheel

Cover removed for viewing.

Patz Proven Performer
Corner Wheel
The 16" (406 mm) diameter cast iron corner wheels feature stainless steel fasteners as standard components. Corner wheels accept 3/8", 7/16", or 1/2" cable. Phenolic with graphite sleeve bearings for longer life.

Folding V Scraper

- Low-profile scraper wings and folding design allow easy passage for animals, tractors, and skid-steer loaders when bedding freestalls.
- Replaceable wings available for easy servicing.
- Cleans alleys with widths from 64 to 174 inches (1.6-4.4 m).

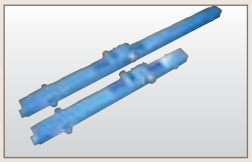
Folding Angled Tip-Up Scraper

- Wings pivot to follow wall tightly for better cleaning.
- During the reverse movement, blades tip up and wings pivot inward.
- Heavy enough to clean better; extra steel in wear points.
- Cleans alleys with widths from 84 to 192 inches (2.1-4.9 m).
- Replacement blades and wings available for easy servicing.
- Scraper removes easily – center in slot and lift off.
- Scraper can be replaced without removing sled.

Versa Folding V Scraper

- Low-profile scraper wings and folding design allow easy passage for animals, tractors, and skid-steer loaders when bedding freestalls.
- Cleans alleys with widths from 64 to 174 inches (1.6-4.4 m).
- Optional choice of three economical, replaceable, bolt-on blade edges:
  - AR400 STEEL for use with sand bedding.
  - RUBBER for use with rubber mat floors.
  - URETHANE for use with rubber mat floors or concrete (where floor wear is a concern) and sand bedding. This is a great alternative material for longer wear.
- Universal scraper wings are replaceable.

Sleds



57" (1,448 mm) sleds provide better scraper stability. 37" (940 mm) sleds are available where a shorter sled is required.

For Rubber Flooring

Hard nylon rollers located on sled ends and scraper arms position the scraper above the rubber covered alleys, ensuring only rubber blades touch rubber flooring.

Plastic Jacketed Cable

Patz blue plastic jacketed galvanized steel cable is cow friendly with superior wear resistance against stretching, fraying, sand, sawdust, and manure. Provides longer service life than steel cable.

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.

Patz®
Since 1948

***Proven Performance* You Can Count On!**

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Watch video online
Polar Vortex No Match For Patz IntelliCable®.

The name generations of farmers have entrusted with their feed and manure handling needs!

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