TUNDRA® PRO II
HYDRAULIC PUMP

GOING THE DISTANCE! TROUBLE-FREE SLURRY MANURE TRANSFER.

TUNDRA® PRO II PUMP IS DESIGNED WITH YOUR OPERATION IN MIND!

- Great for sand or sawdust laden slurry manure.
- Consistently transfers slurry manure long distances – up to 600 ft.
- Largest diameter stainless steel cylinder in the industry—moves more manure more efficiently.
- Automatic Reciprocating Valve for smooth reversing action. One-piece, maintenance-free adjustment free design—no additional external moving parts.
- Energy efficient – Hydraulic Power unit powers pump using a 5 or 7-1/2 HP.
- Cylinder's piston includes oil lubricated seals for maximum volume efficiency and extended lifespan.
- Up to 150 GPM pumping capacity.

MANURESOLUTIONS
www.patzcorp.com

LET PATZ HANDLE YOUR MANURE SO YOU DON'T HAVE TO!
Work smarter. Not harder!

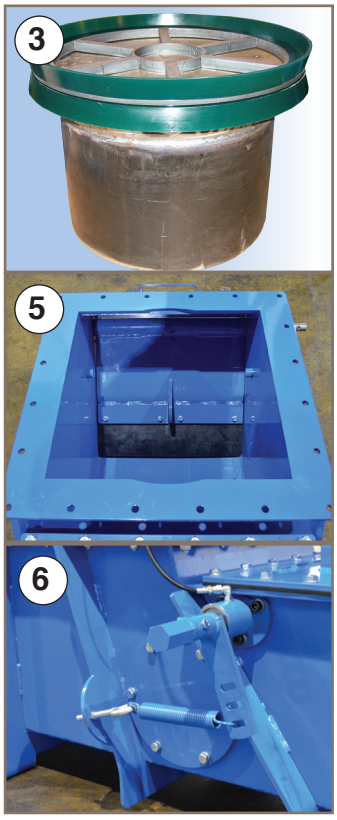
INVESTMENT FLEXIBILITY
Ask Dealer for Financing Details

Tundra® Pro II

Standard Features

ENJOY DEPENDABLE PERFORMANCE

These Features Give the Tundra Pro II a Reliable Performance:



1. **Compact, small footprint** ideal for retro-fitting and upgrading dairy and hog operations.

2. Largest diameter **stainless steel cylinder** in the industry—moves more manure more efficiently. Transfers slurry manure up to 600 ft. Up to 150 GPM pump capacity.

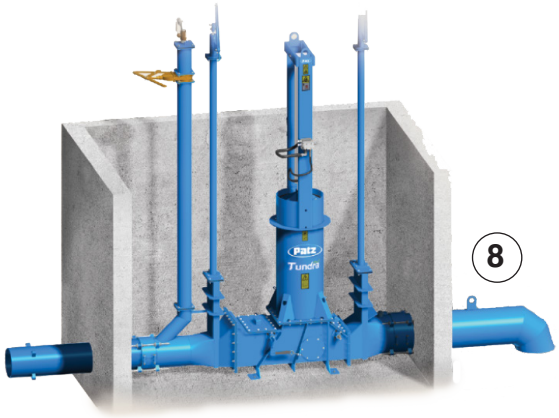
3. **Piston** includes two abrasion resisting oil lubricated seals for maximum pumping performance and extended lifespan. **Seals** are oxygen and ozone resisting.

4. The 4" bore x 48" stroke **hydraulic cylinder** provides pressure to draw manure into the pump chamber during the upstroke and push manure out during the downstroke.

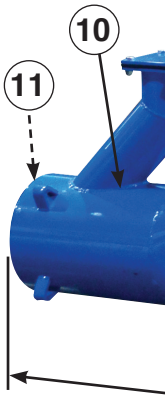
5. **Inlet flapper valve** with thick **neoprene seal** to positively shut against stainless steel pipe, helping material flow into the inlet pipe and maintain a suction seal in the inlet. Acts as a check valve so that manure only flows toward the storage.

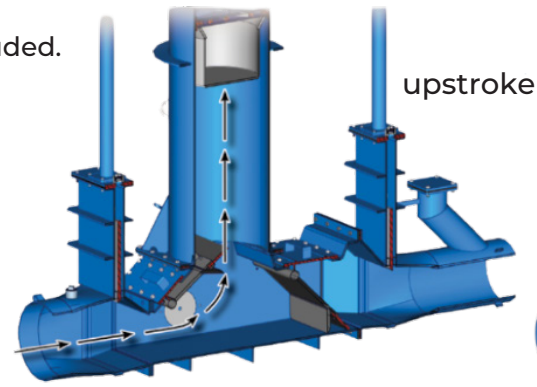
6. **Spring loaded outlet flapper valve** with thick **neoprene seal** prevents back flow. External extension spring closing system allows for easy adjustments to spring tension and quick closure. The intake and outlet flappers are activated by vacuum and by manure.

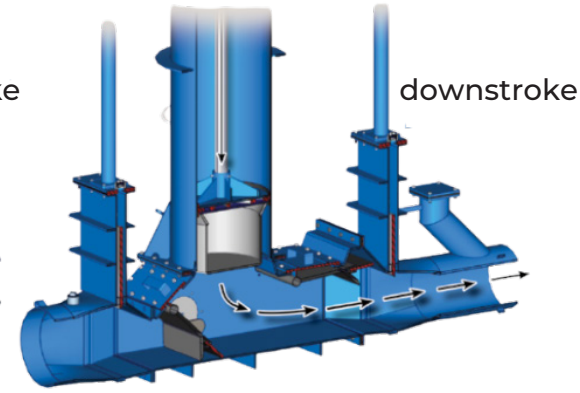
7. One piece, **automatic reciprocating valve** 'plug and play' design requires no adjustments and self actuates.

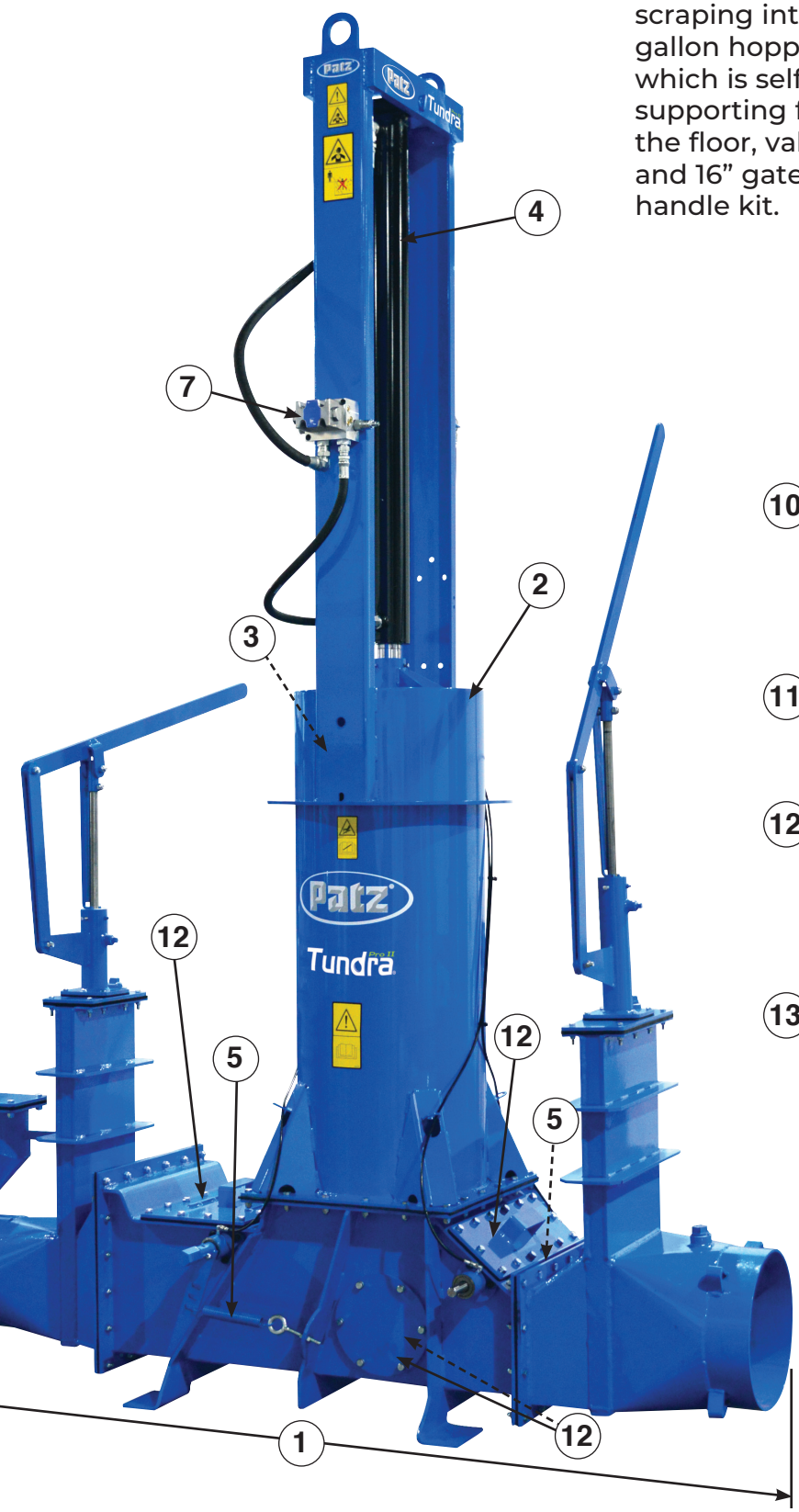


8. **Suction inlet kit** is a 16" dia. steel pipe with 90° elbow by 8' long. Extends through concrete wall of reception pit and attaches to basic unit inside the pump annex. Line coupler, 16" gate handle kit, and valve included.









(9) **Hopper inlet kit** mounts to inside wall(s) of pump annex and attaches to basic unit with 90° steel elbow. For scraping into or using a gutter cleaner. Includes 750 gallon hopper which is self supporting from the floor, valve, and 16” gate handle kit.

(10) **Discharge valve** connects to outlet of basic unit. Has a lever actuated knife valve and an adapter for the air blow system. Necks down to either 12” steel pipe or 16” steel pipe.

(11) **Discharge pipe kit** attaches to discharge valve of appropriate size. Choice of (2) diameters and (2) lengths. Not shown.

(12) Four **large service plates** allow easy access to valves for servicing and/or cleaning. Service plates are also handy for removal of large foreign objects that may obstruct valves.

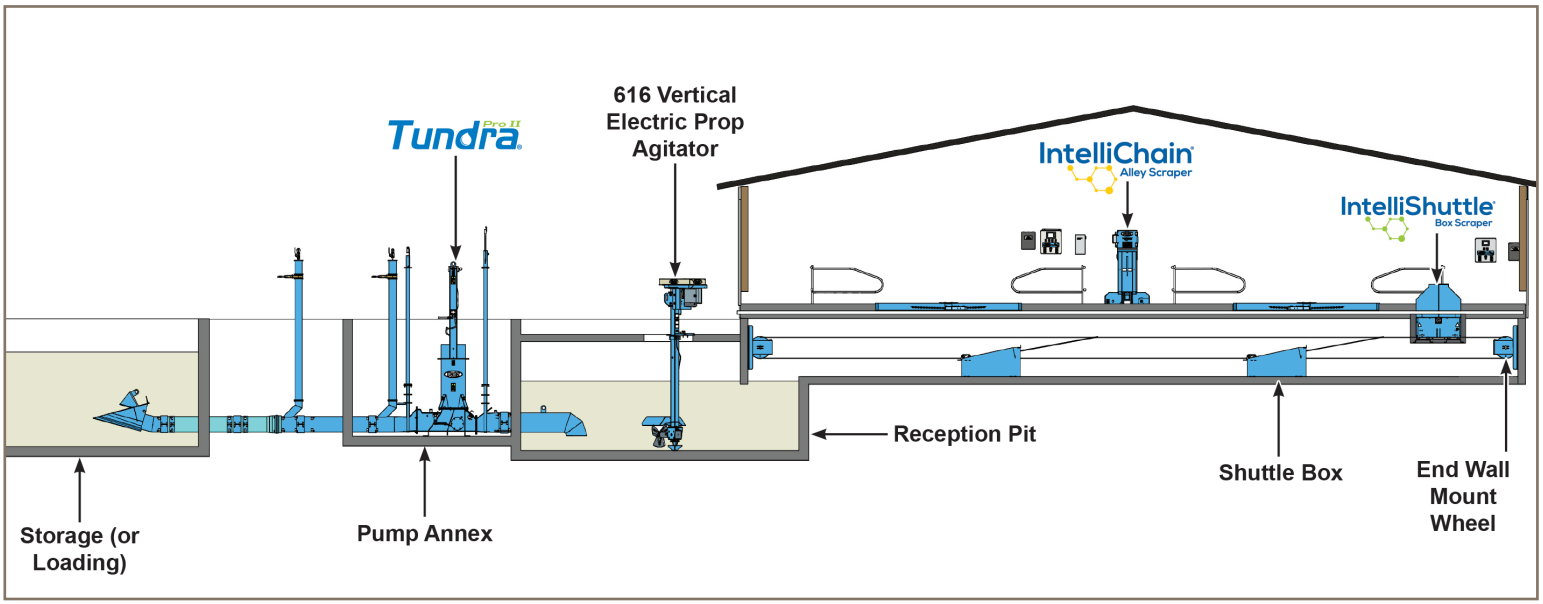
(13) The **Hydraulic power unit** utilizes a foot mounted motor coupled to a gear pump, delivering hydraulic power to the Tundra Pro II. New design allows for easier installation and serviceability. Works with your choice of single or three phase 5 or 7-1/2 HP motors.

TUNDRA® PRO II
HYDRAULIC PUMP

ONE OF MANY COMPONENTS PATZ OFFERS FOR YOUR OPERATION'S MANURE HANDLING SYSTEM

The Tundra® Pro II Pump is designed to transfer slurry type manure with limited amounts of short bedding. Bedding can be chopped straw, sawdust, shavings, or sand. The Tundra® Pro II Pump can be fed manure via a Patz Gutter Cleaner or skid steer into a hopper, or via a Patz IntelliShuttle® Box Scraper located in the cross gutter filling a reception pit.

MANURE HANDLING SYSTEM LAYOUT



CONFINED SPACE PROCEDURES:

It is the responsibility of the owner/operator to comply with all local, State, Provincial or National standards, directives and industry practices regarding confined space training, education, and procedures.

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.

PA-28907 02/23 ©2023 Patz Corporation Printed in U.S.A.

Patz Corporation Pound, WI USA Ph: (920) 897-2251 www.patzcorp.com info@patzcorp.com