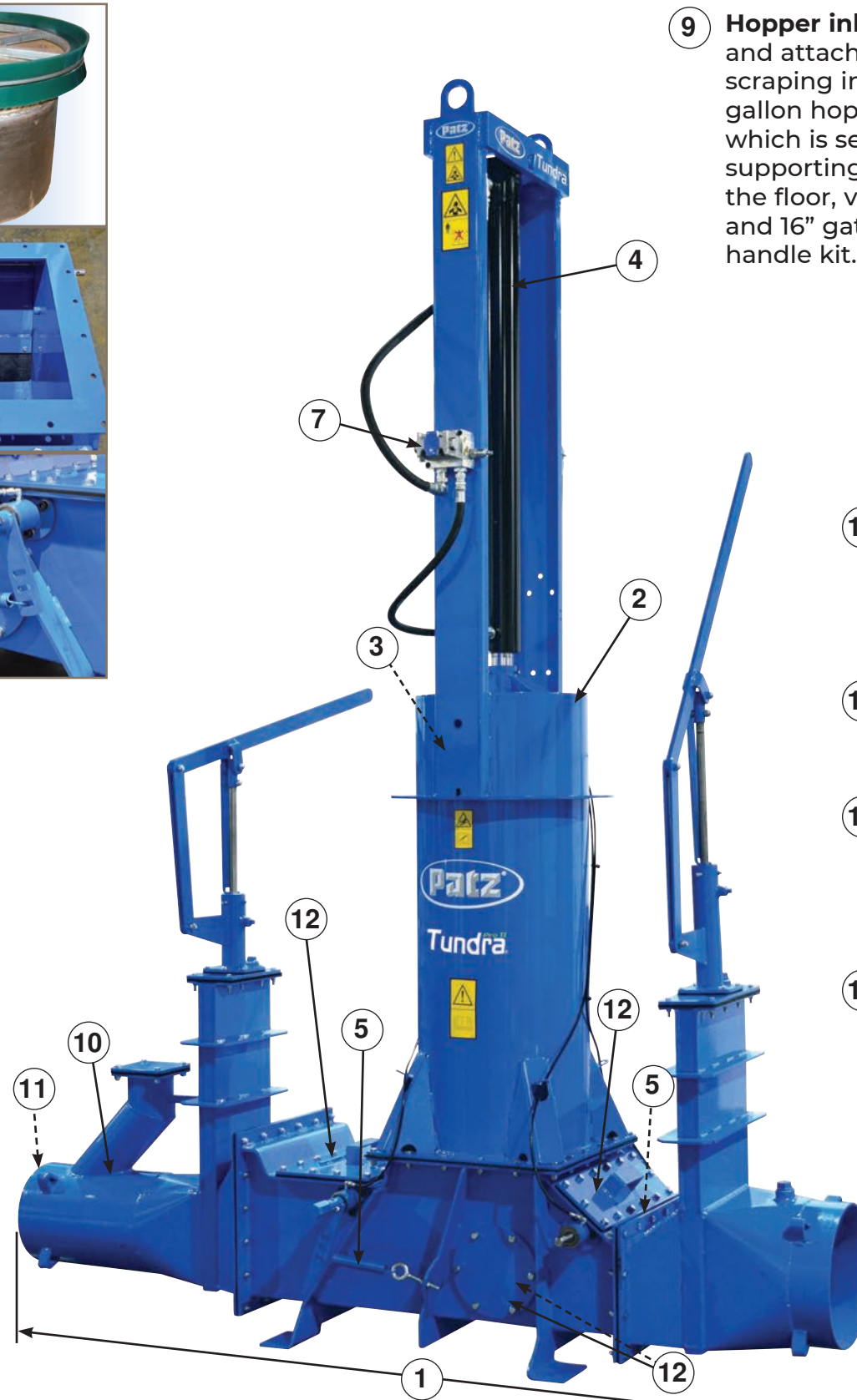
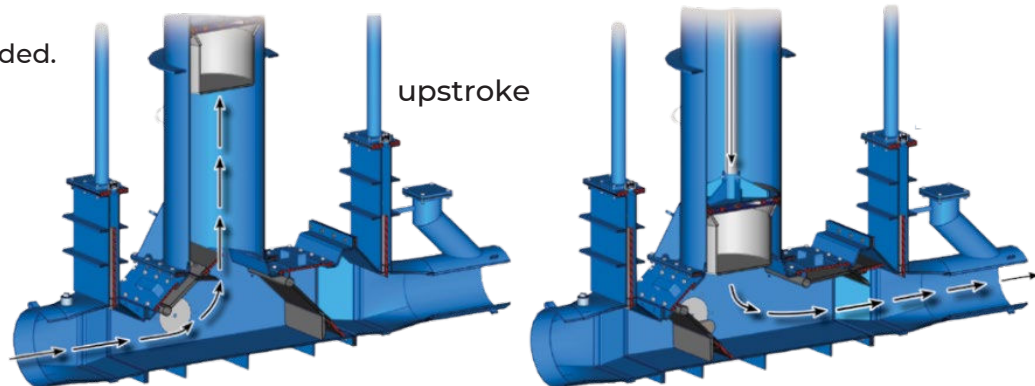
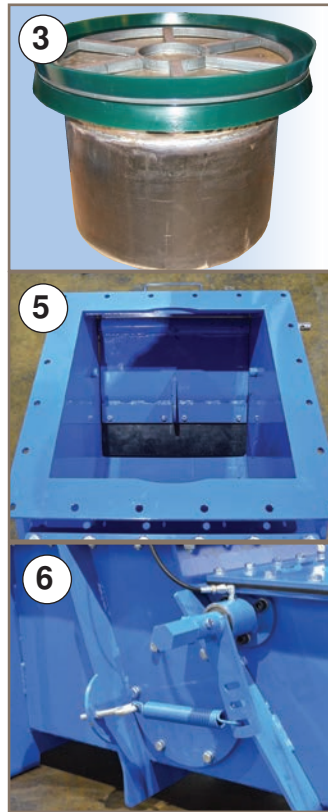


# Tundra® Pro II Standard Features

## 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.

