

Drive Unit uses 10 hp. electric motor. Plunger driven through triple V-belt, double #100 roller chain-and-sprocket drive unit. Large 2-1/2 inch and 1-3/4 inch shafts plus high quality bearings assure durable operation. (Guard removed for viewing).

Specifications

Capacity
Up to 50 gal./min.

Plunger Size
7 x 15 in.

Stroke Lengths
20 in., 17 in., and 14 in.

Hole Size for Pump Installation
5 ft. wide x 14 ft. long x 7 ft. 3 in. deep (approx.)

Floor Space Required for Pump
3 ft. 2 in. x 11 ft. (approx.)

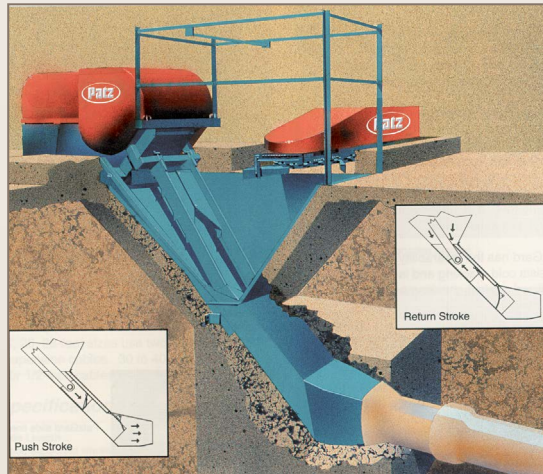
Weight
2350 lbs. (approx.)

Safety Railing
Standard equipment.

Pipe Length
Recommended maximum length of pipe with no elbows, 150 ft. Deduct 5 ft. for each 22-1/2° elbow used and 10 ft for each 45° elbow. Up to 90° of elbows may be used in one installation.

Pipe Size
Choose 12" or 15" PVC pipe.

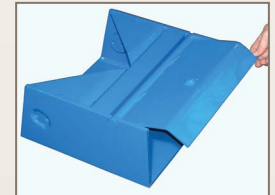
Storage Height (Head)
Maximum storage height (head) is 25 ft. This is measured from center line of pipe at manure pump to top of manure in storage area.



180 (U.S.) gallon hopper can be filled by gutter cleaner or scraper. Constructed of 1/8-inch steel. Approximately 3 ft. by 7 ft. opening at top.



Plunger sleeve with internally functioning plunger mounts in 1/4-inch thick steel chamber embedded in concrete. Plunger and plunger sleeve may be removed for easy servicing without concrete breakup.



One way valve in plunger opens to fill plunger sleeve on backward stroke. On forward stroke, valve closes and the plunger forces the manure toward storage facility.



Fiberglass cover guard does not rust and provides long service life.



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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.

