## More Features and Benefits of the 3333.

## An affordable & efficient way to move your waste water.

This pump handles limited fibrous waste water for versatile uses! The impeller blades' swept-back design increases pumping efficiency for high-volume flow through the 3-inch (76 mm) PVC pipe. The impeller's stainless steel stub shaft prevents rust and improves seal life.





The optional rotating nozzle for agitation allows handling many types of liquid waste and improved pit cleanout. The nozzle's shutoff valve has a stainless steel knife to open and close the port. You can transfer or load while agitating. An output shutoff valve allows faster pit agitation.

**Choice of volume output.** Patz offers a choice of electric motors

 $(3, 5, 7\frac{1}{2}, \text{ or } 10 \text{ HP})$  and pulleys to match your output requirements. Output capacities range up to 510



gallons (1,930 liters) per minute at 15-foot (4.6 meters) head. (Guard removed for viewing purposes only.)

The tapered-bore drive pulley mounts to a 1-1/8-inch (29 mm) drive shaft with a greaseable flange bearing at the top of the drive tube. A lip seal below this bearing keeps contaminants out of the drive tube. The drive tube is filled with oil to lubricate the support bearings inside the tube and the bottom bearing.

**Bearing seals can be purged every 8 hours** thanks to a grease line from the seal pack to the top of the pump.

**Easy access to oil reservoir.** End guessing - inspect oil level conveniently in transparent oil line at top of pump. A large fill hole allows easy access for adding oil to the drive tube. (Patz recommends using a non-detergent oil.)

**Protection against bearing contamination.** The lower bearing's oil-bath chamber has four seals to keep contaminants out.

**Shear plate located close to the impeller** helps prevent clogging and provides positive input.

Impeller transition area features heavier, abrasion resisting steel for long life.

Attaching eye located on top of the pump allows easy insertion and removal of the unit in the pit with a tractor loader, skid-steer loader, or winch.

A steel plate is included as standard equipment to allow you to precisely position the pump to match your pit depth. Plate can be lagged to a concrete pad or curb.

NEED A LARGER PUMP - ASK FOR INFORMATION ON OUR LARGE VERTICAL PUMPS - 4444, 6000, 6000E, 8000, & 8000HP.



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

operators manual. The 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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