

# Positive Displacement Pumps

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## Megator Sliding Shoe Pump: Revolutionizing Pumping Solutions

Introducing the Megator Sliding Shoe Pump – a game-changer in the world of positive displacement pumps. This innovative pump boasts a unique design that combines the best features of various pump types, making it the most versatile and efficient solution for a wide range of applications. With exceptional suction performance, self-priming capabilities, and the ability to handle diverse liquids, the Megator Sliding Shoe Pump stands out as a reliable and powerful choice for your pumping needs.

### Key Features:

#### 1. Versatility in Operation:

- **Self Priming:** Capable of self-priming, making it easy to start and operate.
- **Operates with Dry Suction:** Can run harmlessly during dry suction, providing flexibility in various conditions.
- **Variable Speed Inverter Control:** Allows for precise control of pumping speed.

#### 2. Efficiency and Reliability:

- **Constant Capacity at Varying Heads:** Maintains a consistent pumping capacity even against varying heads.

- **Single Cover Access:** Easy access to wear parts for quick maintenance.
- **Self-Compensating for Wear:** Adapts to wear, ensuring longevity and reliability.

### **3. Application Flexibility:**

- **Same Pump for Water and Oils:** Suitable for a wide range of liquids, from water to viscous oils.
- **Remove the Last Drop from Containers:** Ensures efficient liquid removal, minimizing waste.
- **Minimal Shear/Emulsification:** Low shear effect prevents oil emulsification, preserving the quality of the pumped liquids.

### **4. Performance Specifications:**

- **Capacities:** Up to 264 US gpm (60 m<sup>3</sup>/hr).
- **Suction Lifts:** Up to 27 ft (8.2 m).
- **Viscosities:** Up to 5000 cSt.
- **Heads:** Up to 250' (76 m).
- **Material Options:** Available in bronze, cast iron, and aluminum casings.

### **5. Drive Options:**

- **Power Sources:** Air, diesel, electric, hydraulic, or gasoline.

- Direct Coupled or Belt Drive Options: Flexible configurations to suit your specific needs.

## 6. Configurations:

- Assembly Options: Stationary, skid-mounted, and mobile configurations available.
- Variable Speed Inverter Control: Provides adaptability to different operating conditions.

## Oil & Pollution Recovery:

The Megator Sliding Shoe Pump is ideally suited for pollution recovery duties, offering unmatched efficiency and reliability. Key advantages include:

- **Low Shear Effect:** Prevents oil emulsification, preserving the quality of recovered liquids.
- **Super-Suction and Dry Running Capabilities:** Ideal for offloading skimmers.
- **Efficient Oil Removal:** Handles clean or dirty oils of varying viscosities.
- **Adaptable to Various Liquid Mixtures:** Capable of handling oil and water mixtures effortlessly.

Whether you need a portable set for pollution recovery on the go or a static installation, the Megator Sliding Shoe Pump delivers consistent and reliable performance. Choose Megator for an efficient method of removing oil, effluent, sewage scum, and other nuisance liquids from

the surface of water.

Upgrade to the Megator Sliding Shoe Pump – the pump that combines the best features of reciprocating piston and centrifugal pumps without their limitations. Experience unparalleled efficiency and versatility in your pumping operations.