

# DEWATERING PUMP

## FEATURES AND BENEFITS

Easy Maintenance normally limited to checking oil levels and filters.

This dewatering pump used for handling sewage, slurries, and liquids with solids up to 2.0" in diameter.

Dry-running high pressure liquid bath Double mechanical seal with high abrasion resistant solid silicon carbide faces.

A centrifugal pump with Dri- Prime system coupled to a diesel engine or electric motor.

Kirloskar HA 394 engine can be coupled with the pump. Electric motor is also an option.

## 4" WP 100/70



## MATERIAL OF CONSTRUCTION

|               |  |
|---------------|--|
| Volute Casing | High Grade cast Iron   |
| Pump Shaft    | Stainless steel, SS - 304  |
| Impeller      | Stainless Steel, SS - 304  |
| Stuffing Box  | Stainless Steel, SS - 304 with Double Mechanical seal immersed in oil bath for better efficiency & longer durability |
| Priming Tank  | Mild Steel   |
| Mounting      | Portable Four wheel chassis with built in fuel tank having a fuel Capacity of 160 liters.                            |

## PUMP SPECIFICATIONS

|                     |                           |
|---------------------|---------------------------|
| Pump Model          | WP/100/70                 |
| Vacuum Capacity     | 70 cfm                    |
| Max. Water Flow     | 350 m3/hr                 |
| Suction x Discharge | 4" x 4" (100 mm x 100 mm) |
| Max. Head           | 30mtr.                    |
| Max. Suction lift   | 9 mtr.                    |
| Max. Solid handling | 2"                        |

## ENGINE SPECIFICATIONS

|          |  |
|----------|--|
| Engine   | KIRLOSKAR HA394, 3 Cylinder, Air cooled Diesel Engine  |
| Capacity | 38HP   |
| Speed    | 1800 RPM   |
| Starting | Electric with starter Motor, Charging Alternator, Oil Bath Air cleaner, fuel Injection Pump, Oil filter, Engine mounted Exhaust Silencer, Manual Shut off, Wire Harness & Starting Panel |

