



**Equipment Data Sheet:**

**PRESSURE PUMP**

**(238 LPM )**



| Filtration | Boost pump                       | Plunger              | Pump Heads | Engine Operations | Safety                  | Engine Shutdown system | Chassis                                      |
|------------|----------------------------------|----------------------|------------|-------------------|-------------------------|------------------------|--|
| 50 Micron  | 4 bar feed pressure to pump Head | 1.1" Stainless steel | Cast iron  | 85 °C             | Pump is fitted with PSV | Mechanical Type        | 4 Point lift crash Frames/w forklift Pockets |

| Weight & Dimensions |         |
|---------------------|---------|
| Gross Weight        | 5200 kg |
| Length              | 3470 mm |
| Width               | 1900 mm |
| Height              | 1880 mm |



| ENGINE SPECIFICATION      |   | PUMP SPECIFICATION         |                           |
|---------------------------|---|----------------------------|---------------------------|
| Engine Make, Model        | Ashok Leyland, ALU680/2   | Pump Make, Model           | UT Pump & system, UT13045 |
| Rated Power               | 112.6 Kw/151 HP   | Pump Inlet port            | 4"150#                    |
| Cooling Method            | Water Cooled Heat Exchanger   | Pump outlet port           | 1"NPT F                   |
| Electrical System Voltage | 24 V  | Max. Capacity              | 238.0 Ltrs/minute         |
| Number Of Cylinders       | 6   | Max. Working Pressure      | 235 Bar                   |
| Max. Engine Speed         | 1500 RPM  | Pump Operating Temperature | 55 C                      |
| Max. Inlet Pressure       | Minimum 1 bar   | Plunger size               | Ø 45 mm                   |
| Normal Operating Speed    | 600 rpm   | Gear Oil Grade             | ISO VG 320                |
| Max. Operating Speed      | 1500 rpm  | Gear Oil Capacity          | 8 ltrs                    |
| Engine Oil & Capacity     | 15w/40 & 15 Ltrs  | Plunger cooling method     | Water                     |
| Fuel Tank Capacity        | 200.0 Liters  | Fuel Consumption           | 26.0 litrs/hr             |
| Fuel Consumption          | 26.0 liters/hr.   | Pump Inlet port            | 4"150#                    |
| Zone Clarification        | Rig Safe Equipment (Spark Arrester, Chalwyn Valve, Emergency stop Switch, Cutoff Switch & thermal |                            |                           |