

## 6000 GPM / WATER PUMP

### Portable skid mounted fire fighting pumps

#### Engine specifications

Fire pump skid rated at 550 HP, tier 3 emissions rating 6000 GPM/ 12 bar pressure 14:5 CFM engine driven air compressor, lift frame air receiver with four air outlets, mounting flanges for manifolds.

RPM: 1500-2000

Cooling fan and guard

Inter cooled, with radiator

Air start with lubricator and quick open valve working pressure (100-150) PSI

Couple to the pump via manual operated clutch with lever

Twin disc power take off

Short coupled drive shaft with slip yoke and heavy-duty universal joint pump to PTO with heavy duty drive shaft guard.

Control panel equipped with oil pressure, water temperature, air pressure, fuel pressure, fuel pressure suction, discharge gauges, electronic throttle, emergency kill and tachometer with hour meter.

Enclosed battery box with lock

Engines oil drain plumbed to edge of skid for easy access.

Start stop button local control panel with engine throughtling knob and emergency (S.O).

Built in (24 volt) alternator and illumination system.

#### Structural skid.

Heavy (C-IRON) or plated (C-FRAME) to carry the pump and engine with integrated fuel tank peneth the engine , the fuel automatically feed into engine fuel system ,fuel tank capacity not less than (300 LTR).

Easy to deploy from trailer or loaders

Nonskid expanded metal decking.

Fork lift pockets

Oil field end for tail boarding.

Single point lifts eye and four point lifting connection on corners.

6" pipe frame and enclosure to protect motor and pump.

Fuel connection mounted to edge of engine pump skid.

Suction hose storage rack on skid frame complete with chain and binder tie downs attached skid.

Suction hose support arm.

Air hose manifold system located for easy starting and operation.

### **Pumps**

Centrifugal pump.

Horizontal.

Split case pump (14" \* 12" or 10") rated at 6000 GPM

Body of volute / cast iron.

Bronze wear rings and impeller.

Stainless steel shaft.

Working as water lifting from surface pond, with at (6 MTR) NPSH.

With Auto priming pump.

### **Manifold**

Suction and Discharge manifold : gear operated butterfly valve on discharge side of priming pump with hammer union wing 6 " hammer union thread for easy discharge manifold connection.

With 4" storez coupling recycling relief branch.

### **Year of manufacture in 2023 and above**

### **Set operation and maintenance and spare part manuals**

### **Note**

**USA , Western European , Japan , Canada Origin.**

## **Spare part**

- 1- Fuel filter/ Quantity = 10
- 2- Oil filter / Quantity = 10
- 3- Air filter / Quantity = 10
- 4- Mechanical Seal Quantity / 2

## 4000 GPM / WATER PUMP

### Portable skid mounted fire fighting pumps

#### Engine specifications

Fire pump skid rated at 500 HP , tier 3 emissions rating 4000 GPM/ 12 Bar pressure 14:5 CFM engine driven air compressor , lift frame air receiver with four air outlets, mounting flanges for manifolds .

RPM : 1500-2000

Cooling fan and guard

Inter cooled, with radiator

Air start with lubricator and quick open valve working pressure (100-150) PSI

Couple to the pump via manual operated clutch with lever

Twin disc power take off

Short coupled drive shaft with slip yoke and heavy-duty universal joint pump to pto with heavy duty drive shaft guard.

Control panel equipped with oil pressure, water temperature, air pressure, fuel pressure, fuel pressure suction, discharge gauges, electronic throttle, emergency kill and tachometer with hour meter.

Enclosed battery box with lock

Engines oil drain plumbed to edge of skid for easy access.

Start stop button local control panel with engine throughtling knob and emergency (S.O).

Built in (24-volt) alternator and illumination system.

#### Structural skid.

Heavy (C-IRON) or plated (C-FRAME) to carry the pump and engine with integrated fuel tank peneth the engine , the fuel automatically feed into engine fuel system ,fuel tank capacity not less than (300 LTR).

Easy to deploy from trailer or loaders

Nonskid expanded metal decking.

Forklift pockets

Oil field end for tail boarding.

Single point lifts eye and four point lifting connection on corners.

6" pipe frame and enclosure to protect motor and pump.

Fuel connection mounted to edge of engine pump skid.

Suction hose storage rack on skid frame complete with chain and binder tie downs attached skid.

Suction hose support arm.

Air hose manifold system located for easy starting and operation.

### Pumps

Centrifugal pump.

Horizontal.

Split case pump (12" \* 10" or 8") rated at 4000 GPM

Body of volute / cast iron.

Bronze weir rings and impeller.

Stainless steel shaft.

Working as water lifting form surface pond, with at (6 MTR) NPSH.

With Auto priming pump.

### Manifold

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