



REGOMS PRODUCT DATASHEET

RIGSAFE SPM700 TRIPLEX PUMP

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FOR ILLUSTRATION PURPOSE ONLY

The **SPM700 Triplex Pump** unit comprises a Detroit Diesel 12V-92TA engine with direct mounted Allison CLT6061 transmission, driving an **SPM TWS600S** triplex plunger pump. The unit is packaged inside an open frame, forklift pockets, lifting pad eyes and sling set. The unit is supplied with spark arrestors, air starter and chawyn valves for overspeed shutdown.

| SPECIFICATION | |
|------------------------------|---|
| Weight | 11,000 kg |
| Dimension | (6,100 L x 2,438 W x 2,480 H) mm |
| Engine | Detroit Diesel 12V-92TA Turbocharged engine rated for 700bhp @ 2100 rpm |
| Transmission | Allison CLT6061 Powershift Transmission c/w wet bell housing |
| Cooling Package | Cooling package engine radiator cooled via engine mounted axial fan, with air to oil blast cooler for pump oil, shell and tube cooler for transmission. |
| Plunger Size | 4 ½" |
| Max. Flowrate | 13 bbl/min |
| Max. Pressure | 6,000 psi |
| Inlet | 4" Fig 206 Thread Suction Port (2x no) |
| Outlet | 2" Fig 1502 Thread Discharge |
| Pressure Relief Valve | 2" Fig 1502 spring type set at 6,000 psi |
| Plunger Lubrication | Air over oil system c/w check valves at triplex fluid end modules. |
| Fuel Tank | Suitable for 8 hours operation, includes fuel water separator. |
| Air Tank | 100 litre capacity, capable of supplying air to start engine and control system. |
| Air Compressor | Engine mounted air compressor capable of recharging air system during operation. |
| Control | Control pneumatic actuated throttle and gear shift systems. |

Control Panel Comprising:

- Engine throttle control
- Transmission gear selection
- Engine water temperature gauge
- Engine oil pressure gauge
- Tachometer
- Transmission oil pressure gauge
- Transmission lock-up oil pressure gauge
- Transmission oil temperature gauge
- Triplex pump power end lube oil pressure gauge
- Triplex pump power end lube oil temperature gauge
- Triplex pump plunger lube pressure gauge
- System air pressure gauge
- Emergency stop switch
- Engine start switch
- Engine stop switch
- High pressure pump discharge gauge
- Flow meter display

To request for a quotation and detailed pricing, please contact our sales team:

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