

HYDRAINER

THE SUBMERSIBLE PUMP COMPANY

SPECIALIST HIRE OF HYDRAULIC AND ELECTRIC SUBMERSIBLE PUMPS

20 Series Silenced Diesel Power Pack



Features

- Closed loop system for efficient compact power transmission & minimum volume of hydraulic oil.
- Enclosed in the reservoir, the variable displacement hydraulic pump gives the Hydrainer submersible pump variable impeller speeds.
- Full flow filters on flow & return lines for long component life.
- High & Low pressure relief valves for maximum safety.
- Simple adjustable ratchet handle controls.
- Automatic engine shut down for low oil level and automatic resetting excessive oil temperature.
- Handed quick release couplings to eliminate incorrect hose connection.
- Easily installed using non skilled labour.

Options

- Skid frames with roll over cages.
- Highway Trailer to full Road Traffic Act Regulations.
- Electric Drive for specialist industrial applications.
- GSM dialler for automatic phone notification of malfunction.
- Floats enable total automatic operation.

Engine

Type	- Hatz 2L41C Air Cooled Acoustic Diesel.
HP	- 31 h.p. – 23 kw continuous at 2300 rpm.
Speed	- Governed to 2300 rpm off load.
Fuel Consumption	- 6.4 litres/hour at full load.
Fuel Pickup	- Floating – eliminating silt pick up.
Starting	- Full electric start as standard.
Noise Emission	- On full load dB(A) @1m @5m @7m 91 80 77

Chassis

Fuel Tank	- 95 litres Approximately 15 hours consumption on full load.
Length	- 1500mm
Width	- 1000mm
Height	- 1625mm
Weight	- 608kg full diesel tank.

Hydraulics

System	- Closed loop – 3 pipe.
Pump Type	- Variable displacement piston with boost.
Reservoir	- 20 litres (approx.)
Relief Valves	- High pressure 235 bar-3450 psi Low pressure 29 bar-425 psi.
Suction Filter	- Spin on to 25 microns.
Return Filter	- Replacement elements to 10 microns.
Flow	- Up to 30 l/min.
Pressure	- Up to 205 bar-3000 psi.
Oil Grade	- Mineral – ISO 46. Biodegradable – Hydra 46.
Oil Temperature	- Max.90°C.

Hydraulic Hose

Length	- 10 and 20 metre sets.
Size	- Flow & return 12mm dia., drain 8mm dia.
Connection	- Extendable up to 100 metres using bespoke Hydrainer quick release, double sealed locking couplings.

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