

Diesel Driven Power Pack 20kw (Open Loop Hydraulic)



The Wilitec 20kW diesel driven hydraulic power unit offers our clients the ability to provide hydraulic power to a variety of hydraulic tooling & associated equipment in diverse working environments including both on and offshore ATEX zoned areas, and can be used to power equipment such as:

- Hydraulic spoolers and reels
- Subsea and divers tooling
- Masts, Cranes and winches

Diesel Driven
Hydraulic Powerpack
for Multi-Applications.

The Hydraulic system is based on a rugged fixed displacement motor (3000psi) for a wide range of application. It allows running at high speed, performing a fast response for rig up and rig down operations.

Dimensions & Weights

Standard Power Pack Module:

dimension (L x W x H)	m	1.90 x 1.10 x 1.60	ft	6.23 x 3.61 x 5.25
weight	kg	2,000	lbs	4,400



Powerpack 20kw (25Hp)

Engine 4 cylinders PERKINS 404D-2G
Engine 20.3kw@1500 RPM (25hp)
Engine protection zone2 EN1834-1 – Z2 IIB T3
Spring starter high performance
Diesel tank capacity 100 Liters
Fuel consumption max. 6.1l/hr
Engine control: Start / stop/ hour counter / oil pressure gauge / coolant temperature gauge

Hydraulic Drive System

Open loop hydraulic system
Gear , vane or piston pump
Maximum Flowrate 55lpm
Maximum pressure 210 bars 3,000psi @ 1450rpm
Relief valve - Filters
Hydraulic tank capacity 80L
Hydraulic tank accessories: breather, drain, level, temp.
Hydraulic cooling system coupled with engine and zone2 cooling
Hoses set 20ft (with quick connect)

Features & Benefits

ATEX Zone2 rated
Designed for ease of maintenance
Anti vibration mounts AVM
Four points lifting
Hose storage
Frame fully certified DNVGL 2.7-1 or EN10855(crash frame)
5 leg certified sling set with shackles
Forklift pockets

Sandblasting SAE2.5 & Offshore painting 3 layers with primary inorganic zinc and hard top

Engine Protection Zone2 Category 3G IIB-T3

Diesel Engine Protection EN1834-1 ATEX94/9/EC
Water cooled exhaust manifold and heat exchanger for T3=300deg
Inlet flame trap for IIB operation
Inlet shut down valve and fuel shut down
Exhaust flametrap
Crankcase ventilation flametrap
Antistatic fan belts
Spark arrestor
High water temperature shut down
High exhaust gas temperature shut down
Low oil pressure shut down
Overspeed valve shut down
Screw fitting oil dipstick
Screw fitting oil filler cap
Protection for all drive belts

Engine controls
Engine emergency stop
Coolant temperature gauge
Engine oil Pressure
Exhaust gas temperature
Tachometer
Hourmeter

Exhaust Silencer Stainless Steel reduction 20dB

Options

Rigsafe safety protection
Starter Air / hydraulic / electric (rigsafe or zone2)
Hydraulic tank volume customized
Jacking wheels

certificate by



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