

# FPU D19

## 19 kW Diesel Hydraulic Power Unit



### Flexo FPU D 19 Power Unit

Standard equipment:

- Made inside a steel protective lifting frame, sidepanels and top cover made from aluminium
- Powder coated by using a corrosion resistant painting method
- Easy to move around due to integrated wheels and handle. Front support and wheels can easily be removed for stationary installation or for pallet transportation.
- Electric starter, 12 V 24 Ah battery
- Temperature controlled hydraulic oil cooler
- Equipped with Danfoss PVG32 proportional valve (std 2 circuits) for simultaneous operation of two hydraulic circuits.

- Easy access to maintenance parts.
- Controls include:  
Signal lights for running, oil pressure, coolant temperature, battery recharge, hydraulic oil level/temperature and air filter obstruction.
- Engine running hours
- Automatic stop in case of
  - low oil pressure
  - high engine temperature
  - low hydraulic oil level
  - high hydraulic oil temperature
- Visual indicators of diesel fuel and hydraulic oil level.



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### TECHNICAL DATA

#### Technical Parameter:

#### Specification:



Length (mm)	1150 (no handle) 1190 (handle down) / 1900 with towing bar
Width with Wheels (mm)	890 / 1190 (ATV-wheels)
Height on Wheels (mm)	1070 / 1120 (ATV-wheels)
Width without Wheels (mm)	680
Height without Wheels (mm)	990
Dry Weight (kg)	295
Diesel Engine	Lombardini LDW 1003, Water-Cooled
Emission compliance	EU STAGE V
Cylinders	3
Max. RPM/min	3000
Power (kW)	18,0
Fuel tank (l)	18
Hydraulic Oil Tank (l)	50
Hydraulic Pump	Gear type 2 series 16cc / Opt. 11 – 22cc
Hydraulic Control Valve	Danfoss PVG 32
Hydraulic Circuits (pcs)	Std. 2 / Opt. 1 – 3 pcs
Hydraulic Pressure (bar)	Std. 180 / Opt. 150 – 280 bar
Hydraulic Flow (l/min)	Std. 48 / Opt. 34 – 68 l / min
Hydraulic Connections	TEMA 3800 & 5000 Male / Female 2 x ISO 7241-1-A 3/8" Drains

### **OPTIONAL EQUIPMENT**

- Radio remote controlled hydraulics
- Spark Arrestor for FPU D19
- Chalwyn Valve for FPU D19
- Wheel Kit for FPU D19/ Big wheels + towing bar for ATV-use
- Canvas for FPU D19
- Gauges for Engine Oil pressure, Water temperature and Voltmeter
- Special models on request



\* Optional towing bar for ATV-use in the picture.

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