



# HD150iC

## Technical Data



### Materials of Construction

Pump Casing:	S.G. IRON 400/12
Suction Cover:	MILD STEEL
Bearing Bracket:	S.G. IRON 400/12
Pump Shaft:	431 Stainless Steel
Impeller:	316 Stainless Steel
Wearplates:	316 Stainless Steel
Mechanical Seal:	Silicon Carbide/Silicon Carbide
Strainer:	Galvanised Steel
O-Rings:	Nitrile Rubber
Hydraulic Pump:	P330 x 1"
Hydraulic Motor:	M330 x 1 1/4"
Control:	Via engine speed controller
Hose Size:	3/4" nominal bore x 10m

Fuel Consumption: 9.5 L/hr @ BEP 1600rpm WMR

### Pumpset Dimensions

Width:	1280 mm	Height:	1815 mm
Length:	2850 mm	Dry Weight:	1760 kg

### Design Details

Pump Description	Single Stage, volute type, 2 bladed fully open centrifugal pump
Delivery Flange:	150 mm
Nominal Casing Thickness:	10 mm
Solids Handling Size:	77 mm
Operating Speed:	MIN: 1400rpm MAX: 1600rpm
Maximum Head:	23 m
Maximum Capacity:	120 L/sec
Maximum Hydraulic Press:	176 BAR
Maximum Hydraulic Oil Flow:	72 L/min

