

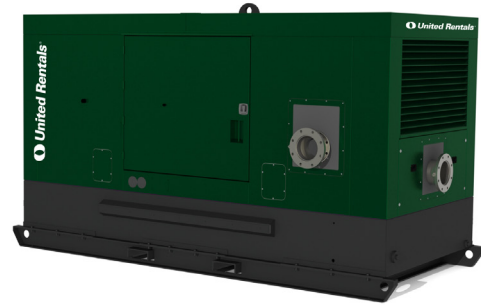
8" DIESEL PUMP MEDIUM HEAD

IDEAL USAGE

Projects that require transfer of liquids in a range up to 1,060 m³/h with an optimum of 550 m³/h for a wide range of applications, where no electricity is available

APPLICATIONS

- Pumping waste water under medium head and high flow containing large solids
- Pumping fluids under medium head and high flow for the construction industry
- Pumping fluids under medium head and high flow for municipal and industrial markets



PERFORMANCE

Maximum capacity:	1,060 m³/h, see curve
Best Efficiency Point:	550 m³/h @ 75 m
Maximum head:	107 m @1,800 RPM, see curve
Suction lift:	8.5 m (max) (water)
Free passage:	76 mm
Maximum pre-pressure:	50 m
Temperature:	0 °C (min) - 90 °C (max)
Sound level:	77 dB(A) at 7 m

PUMP

Impeller:	Semi-open
Priming system:	Mechanically driven diaphragm vacuum pump Double floater on vacuum system
Capacity vacuum system:	85 m³/h

WEIGHT AND MEASURES

Weight:	6,500 kg (dry weight) 7,200 kg (total wet weight)
Length:	4,536 mm
Width:	2,093 mm
Height:	2,502 mm
Connections:	8" ANSI 150# suction side (x1) 8" ANSI 150# discharge side (x1)

MATERIAL

Pump housing:	Ductile Iron (ASTM A536 65-45-12)
Impeller:	Stainless steel (CA6NM SS)
Gaskets & seals:	Fibre NBR Gaskets / Viton O-Rings
Mechanical seal:	Tungsten carbide vs. silicon carbide seal faces, FKM elastomers
Non return valve:	NBR flappers
Fuel tank:	Carbon steel
Canopy:	Zinc plated steel
Bund:	Carbon steel hot dip galvanized

ENGINE

Engine make / model:	Scania DC09 312A
Emission standard:	EU Stage V
Motorpower / RPM:	158 kW / 1,800 RPM
Engine speed:	1,400 - 1,800 PRM
Fuel tank:	765 litres (bunded)
Fuel consumption:	39.50 l/h (max)
Run time:	19 hours at 1,800 RPM
AdBlue tank size:	60 litres
External fuel connections:	1/2" ISO A'type QRC

FEATURES

Level control:	Yes, 10 m float switch
Optional:	High level stop (discharge side)
Controller:	Deep Sea E400
Lifting:	Certified single point lifting bale and forklift pockets
Transducers:	Yes
Digital fuel sensor & Analog:	Yes
Telemetry:	Control & remote monitoring with alerts High -and/or low pressure shut on/off settings Other settings on request

QUALITY AND SAFETY

- Reduced emissions by EU Stage V engine
- Emergency stop switch
- Fully bunded
- QMS inspections completed before every rental

CURVE

