



Specifications

Pump Size:	200 x 150 mm
Pump Type:	PP86C17BL71-EO114
Max Flow:	550 m3/h
Max Head:	125 metres
Solids Size:	25 mm
Engine Type:	VOLVO 952ve TAD
Max Speed:	1950 rpm
Continuous Power:	175-225 kW
Fuel Consumption:	55-70 l/h
Tank Size:	600 Litres
Dimensions LxWxH:	4000 x 1500 x 2500 mm
Dry Weight:	5000 kg

UltraPrime™ Priming System

Priming System:	Mechanically Driven Diaphragm Vacuum Pump
Priming Chamber:	Positive Sealing Air Separation Posivalve with Stainless Steel Float Ball and Linkage
Discharge Check Valve:	Swing Style – Ductile Iron with Buna-N Disc
Run Dry System:	Oil-Lubricated Mechanical Seal Allows the Pump to Run Completely Dry Without Damage
Air Removal Capability:	50 CFM

Features

Auto Stop/Start Control Panel
Sound Attenuated, Fully Bunded Packages
Spark Arresting Silencers
Remote Auxiliary Fuel Connections
Chalwyn Valve
Indefinite Run-Dry Capability
Efficient Design For Reduced Operating Costs
Environmentally Safe Priming System with Patented PosiValve™ – No Liquid Carry-Over

Engine Specifications

Engine Type:	Volvo TAD 1643VE
Displacement:	16 litres
Max Continuous Power:	437 kW
Safety Shutdown Switches:	Low Oil Pressure, High Temperature and V- Belt Failure

Construction Materials

Volute Casing:	ASTM A536 Grade 65 45 12 Ductile Iron
Mechanical Seal:	Tungsten Carbide vs. Silicon, Carbide Seal Faces, Viton Elastomers
Impeller:	Enclosed Type Impeller – CA6NM Stainless steel
Shaft:	17-4 PH

Performance Curve

