

## Seltorque Solids Handling Pumps



### Features

- Solids handling to 100mm
- Indefinite dry running
- Vortex style pump
- Selprime automatic self priming
- Environmentally friendly
- Emission compliant engines
- Ease of operation & maintenance
- Proven design

### Options

- Super Silent canopy - lockable and fully bunded
- Road tow trailer
- Site tow chassis
- Skid chassis
- Static chassis
- Auto stop-start controls
- Telemetry systems
- Oil drain kit
- Auxiliary fuel connection
- Drip tray
- Roll cage
- Chalwyn valve spark arrester

### Accessories

- Hoses
- Strainers
- Couplings & Adaptors
- Fuel Bowsers & Cubes
- Settlement Tanks
- Drip Tray & Bunds
- Recommended Spares Kits

### Applications

- Raw & screened sewage
- Bentonite
- Sludge / Slurry
- Water with fine & large solids
- Water with rags & fibres

### Industries

- Water & waste water
- Ground stabilisation and piling
- Construction & civil engineering
- Oil & gas
- Quarry & mining
- Rental
- Oil spill recovery
- Pollution control
- Marine
- Municiple
- Industrial

### Pump Specification

Capacity	m <sup>3</sup> /h	<b>320</b>
Delivery Head	m	<b>21.3</b>
Max. Solids Size	mm	<b>100</b>
Self Priming Lift	m	<b>8.8</b>
Air Handling	l/s	<b>24</b>
Selprime <sup>®</sup> Absorbs	kW	<b>2.2</b>
Power Required	kW	<b>24</b>
Pump Speed Max.	rpm	<b>1600</b>
Pump Speed Min.	rpm	<b>955</b>
Impeller Type		<b>Vortex</b>
Impeller Blades		<b>6</b>
Impeller Dia.	mm	<b>235</b>
Inlet Port	mm	<b>DN 150 PN6</b>
Outlet Port	mm	<b>DN 150 PN6</b>
Fuel Tank Capacity*	ltrs	<b>105 site 105 skid 220 canopy</b>
Fuel Consumption BEP	lt/hr	<b>TBA</b>

\* Fuel tank capacity can be increased with the addition of a fuel cube.  
TBA - To be advised.

### Priming Method

#### SELPRIME™

The unique original Selwood self priming system utilising a water tolerant diaphragm air pump. An environmentally friendly design that has none of the problems of oil vapour emissions and oil emulsification associated with other priming systems.



### Pump Materials

Pump Casing	Grey Iron BSEN 1561 Grade EN-GJL-200
Impeller	Cast Iron BSEN 1563 Grade EN-GJS-450-10
Wear Plates	NA
Shaft	Steel BS EN 10277 Grade C40+C
NRV Body	Grey Iron BSEN 1561 Grade EN-GJL-200
Mechanical Seal	Silicon Carbide v Silicon Carbide
Pump End Bearing	Ball
Drive End Bearing	Cylindrical Roller

### Prime Movers

Diesel Engines	Deutz D2011L04i Iveco F32
Electric motors available	

### Standard Weights & Measures

	Skid - Open Set*	Length	215cm
		Width	113 cm
		Height	129 cm
		Dry Weight	905 kg
	Super Silent Canopy	Length	235 cm
		Width	152 cm
		Height	174 cm
		Dry Weight	1760 kg
		db(A)@ 7m	58
	LWA	92	

\* Open sets exclude fittings

Specifications and illustrations are subject to revision without notice.

### Selwood S150 Performance curve Clean Cold Water s.g 1.0

