

Solids handling 'S' pump build

Our 'S Range' pumps are the market-leader when it comes to solids handling.

The Selprime automatic self-priming, emission compliant engines and ease of operation means trouble-free pumping of

- S** raw and screened sewage
- S** sludge or slurry
- S** water with fine and large solids
- S** water containing rags and fibres



Standard builds	Skid*	
	Metric	US
Length	345 cm	136 in
Width	170 cm	67 in
Height	220 cm	87 in
Dry Weight	3800 kg	8378 lb
Gross Weight	3800 kg	8378 lb
Sound Power	112 LWA	
Sound Pressure @ 1m (3ft)	89 db(A)	
Sound Pressure @ 7m (23ft)	80 db(A)	
Pump SAE Size	long coupled	
Engine / Motor	Perkins 1204E-E44TA	
Emission Rating	EU Stage IIIB	
Engine / Motor Max Speed	1500 rpm	
Fuel Tank Capacity.**	No fuel tank	No fuel tank
BEP - Fuel Consumption	17 lt/hr	4.5 US gal/hr

*Open sets exclude fittings

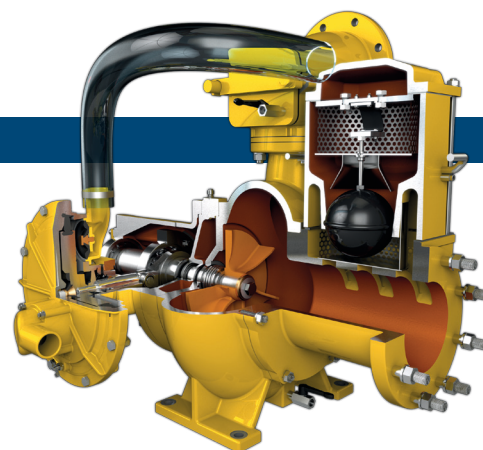
** Fuel tank capacity can be increased with the addition of an auxiliary fuel tank.

Installation drawings are available upon request.

Optional extras

Training
Genuine parts
Valves / Fittings
Pump accessories
Tanks & filtration
Pipe stoppers

Auto stop/start control panels
Pump telemetry
Oil drain kit
Bulk fuel kit
Chalwyn valve & spark arrestor
Hose / pipework



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Solids handling 'S' pump

Pump end specification

	Metric	US
Capacity	1200 m ³ /h	5283 gpm
Total Head	37 m	121 ft
Max. Solids Size	100 mm	4 in
Self Priming Lift	8.8 m	28 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	93 kW	124 hp
Pump Speed Max.	1500 rpm	1500 rpm
Pump Speed Min.	1000 rpm	1000 rpm
Impeller Type	Mixed Flow	Mixed Flow
Impeller Blades	2	2
Impeller Diameter	325 mm	12.8 in
Inlet Port	DN 300 PN10	12 in
Outlet Port	DN 300 PN10	12 in
Length	178cm	70 in
Width	83 cm	33 in
Height	117 cm	46 in
Weight	750 kg	1654 lb

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 end materials

Pump Casing	Cast Iron BS2789 Grade 500/7
Impeller	Cast Iron BS2789 Grade 500/7
Wear Plates	Cast Iron BS2789 Grade 450/10
Shaft	Steel BS EN 10083-1:2006 GR 708M40 (EN19)S
NRV Body	Ductile Iron GJS (DN65 to 300) Epoxy Coated Inside/Outside
Mechanical Seal	Silicon Carbide v Silicon Carbide
Pump End Bearing	Taper Roller
Drive End Bearing	Taper Roller

