S150M

Solids handling 'S' pump

Pump end specification

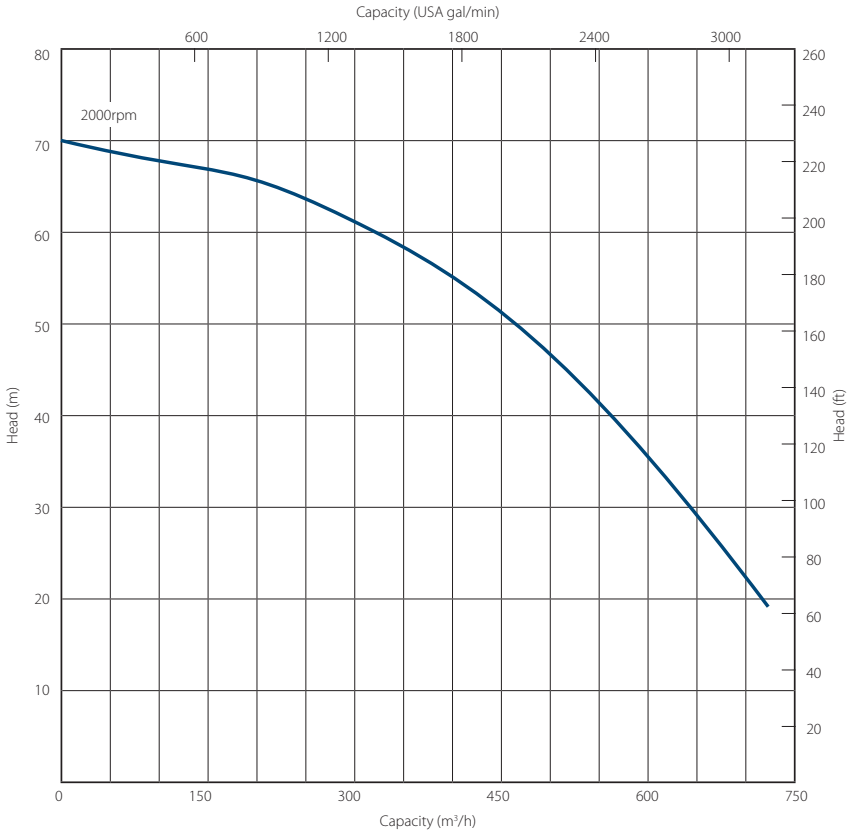
	Metric	US
Capacity	720 m³/h	3170 gpm
Total Head	70 m	230 ft
Max. Solids Size	76 mm	3 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	100 kW	134 hp
Pump Speed Max.	2000 rpm	2000 rpm
Pump Speed Min.	1500 rpm	1500 rpm
Impeller Type	Semi Open	Semi Open
Impeller Blades	2	2
Impeller Diameter	340 mm	13.38 in
Inlet Port	DN 200 PN10	8 in
Outlet Port	DN 150 PN10	6 in
Length Width Height	126 cm 86 cm 108 cm	50 in 34 in 42½ in
Weight	550 Kg	1213 lb

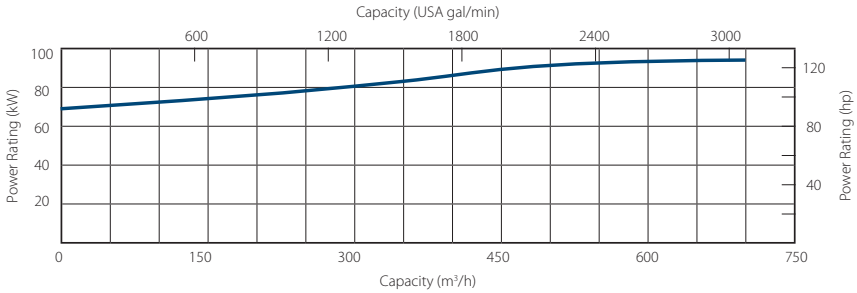
Priming method - Selprime®

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	SG Iron 500/7
Impeller	Stainless Steel 316
Wear Plates	Stainless Steel 316
Shaft	Stainless Steel 431
NRV Body	Cast Iron Grade 220
Mechanical Seal	Silicon Carbide v Silicon Carbide
Pump End Bearing	Taper Roller
Drive End Bearing	Taper Roller





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Specifications and illustrations are subject to revision without notice.

Solids handling 'S' pump builds

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

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





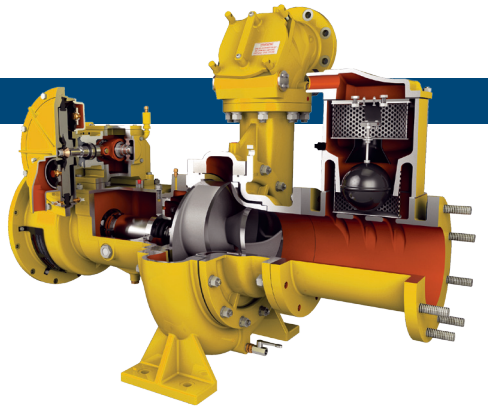
Standard builds	Electric Skid*		Open Skid		Open Skid		Super Silent		Super Silent	
	Metric	US	Metric	US	Metric	US	Metric	US	Metric	US
Length Width Height	282 cm 111 cm 161 cm	111 in 44 in 63 in	277 cm 135 cm 195 cm	109 in 53 in 78 in	277 cm 135 cm 195 cm	109 in 53 in 78 in	300 cm 140 cm 218 cm	118 in 55 in 86 in	300 cm 140 cm 218 cm	118 in 55 in 86 in
Dry Weight Gross Weight	2150 kg 2150 kg	4740 lb 4740 lb	2510 kg 2760 kg	5533 lb 6085 lb	TBA	TBA	3150 kg 3490 kg	6930 lb 7678 lb	3150 kg 3490 kg	6930 lb 7678 lb
Sound Power Sound Pressure @ 1m (3ft) Sound Pressure @ 7m (23ft)	104 LWA 82 db(A) 73 db(A)		111 LWA 89 db(A) 84 db(A)		111 LWA 89 db(A) 84 db(A)		101 LWA 78 db(A) 69 db(A)		106 LWA 84 db(A) 76 db(A)	
Pump SAE Size	-		SAE 3		SAE 3		SAE 3		SAE 3	
Engine / Motor	110kW 400/3/50	148 hp	CAT C4.4		CAT C4.4		CAT C4.4		CAT C4.4	
Emission Rating	IE3		Stage 3B	Tier 4	Not regulated		Stage 3B	Tier 4	Not regulated	
Engine / Motor Max Speed	2000 rpm		2000 rpm		2000 rpm		2000 rpm		2000 rpm	
Fuel Tank Capacity.**	-		300 lt	66 US gal	300 lt	66 US gal	400 lt	106 US gal	400 lt	106 US gal
BEP - Fuel Consumption	-		24 lt/hr	5.28 US gal/hr	24 lt/hr	5.28 US gal/hr	24 lt/hr	5.28 US gal/hr	24 lt/hr	5.28 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	Auto stop/start control panels
Genuine parts	Pump telemetry
Valves / Fittings	Oil drain kit
Pump accessories	Bulk fuel kit
Tanks & filtration	Chalwyn valve & spark arrestor
Pipe stoppers	Hose / pipework



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