

# 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

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



Standard builds	Fleet Skid*		Fleet Skid*		Super Silent		Super Silent		Electric Skid*	
	Metric	US	Metric	US	Metric	US	Metric	US	Metric	US
Length	260 cm	102 in	260 cm	102 in	300 cm	118 in	300 cm	118 in	282 cm	111 in
Width	127 cm	50 in	127 cm	50 in	140 cm	55 in	140 cm	55 in	111 cm	44 in
Height	160 cm	63 in	160 cm	63 in	218 cm	86 in	218 cm	86 in	161 cm	63 in
Dry Weight	2760 kg	6072lb	2760 kg	6072lb	3150 kg	6930lb	3150 kg	6930lb	2150 kg	4740lb
Gross Weight	3067 kg	6748lb	3067 kg	6748lb	3490 kg	7678lb	3490 kg	7678lb	2150 kg	4740lb
Sound Power	Test Pending		Test Pending		101LWA		106LWA		104LWA	
Sound Pressure @ 1m (3ft)	Test Pending		Test Pending		78 db(A)		84 db(A)		82 db(A)	
Sound Pressure @ 7m (23ft)	Test Pending		Test Pending		69 db(A)		76 db(A)		73 db(A)	
Pump SAE Size	SAE 3		SAE 3		SAE 3		SAE 3		SAE 3	
Engine / Motor	CATC4.4T4		CATC4.4LRA		CATC4.4T4		CATC4.4LRA		110kW	148 hp
									400/3/50	
Emission Rating	EU Stage IV		EU Stage IIIA		EU Stage IV		EU Stage 3A		IE3	
Engine / Motor Max Speed	2000 rpm		2000 rpm		2000 rpm		2000 rpm		2000 rpm	
Fuel Tank Capacity.**	350 lt	92 US gal	350 lt	92 US gal	400 lt	106USgal	400 lt	106USgal	-	
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	-	

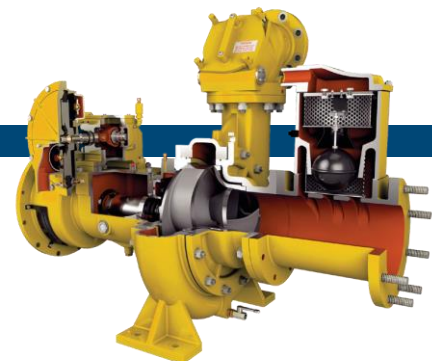
\*Open sets exclude fittings

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

Installation drawings are available upon request.

## Optional extras

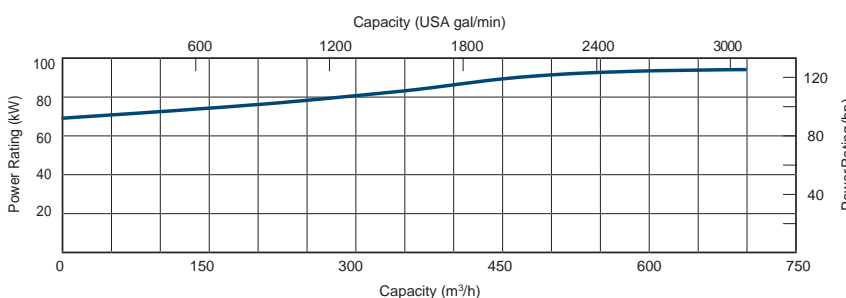
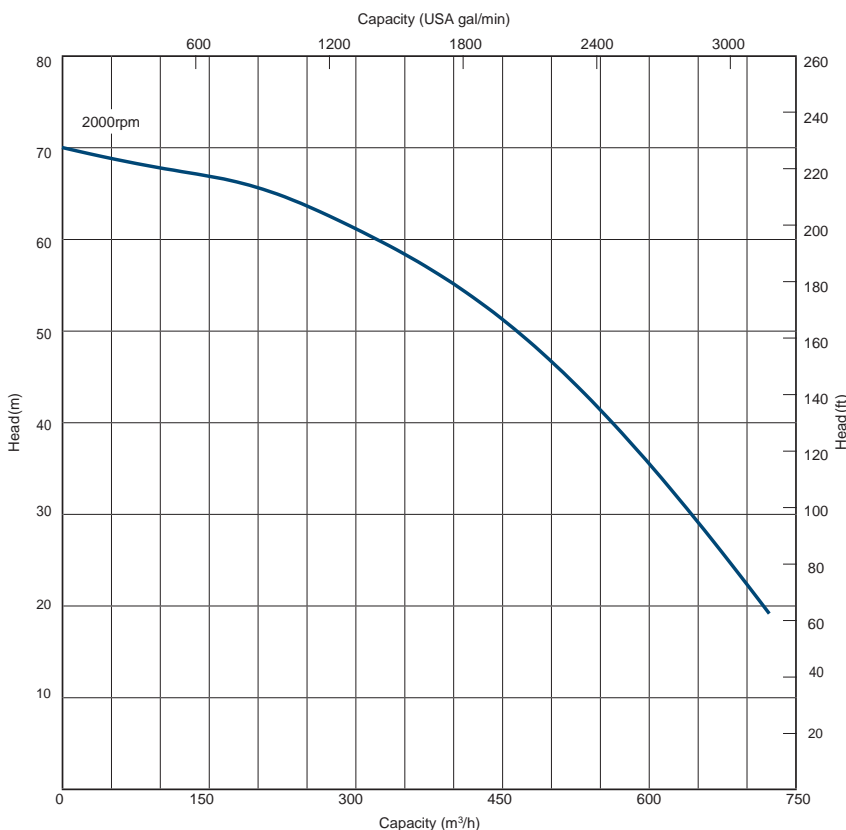
- Training
- Genuine parts
- Valves / Fittings
- Pump accessories
- Tanks & filtration
- Pipe stoppers
- Auto stop/start control panels
- Pump telemetry
- Oil drain kit
- Bulk fuel kit
- Chalwyn valve & spark arrestor
- Hose / pipework



# 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	110 kW	147 hp
Pump Speed Max.	2000 rpm	2000 rpm
Pump Speed Min.	1800 rpm	1800 rpm
Impeller Type	Semi Open	Semi Open
Impeller Blades	2	2
Impeller Diameter	340 mm	13.38 in
Inlet Port	DN200 PN10	8 in
Outlet Port	DN150 PN10	6 in
Length	126 cm	50 in
Width	86 cm	34 in
Height	108 cm	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



**AmoraSub**

[www.amorasub.pt](http://www.amorasub.pt)

Parque Industrial S. Marta de Corroios  
Rua Manuel Ribeiro, Lote 13  
2845-409 Amora - Portugal

T +351 919 708 279  
E geral@amorasub.pt