Solids handling 'S' pump

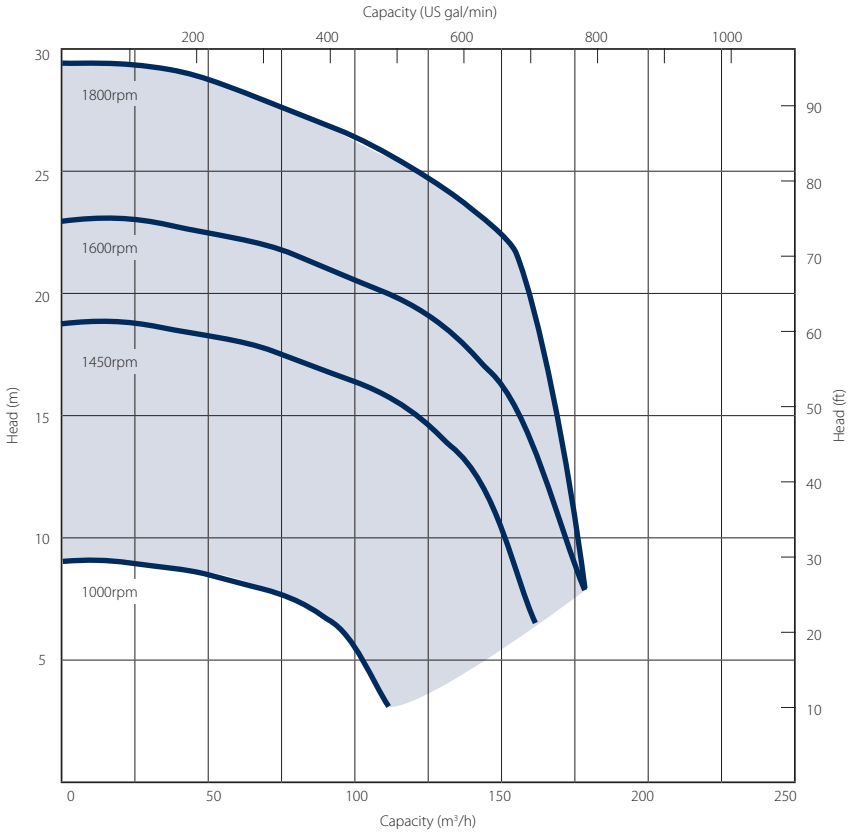
8 blade impeller

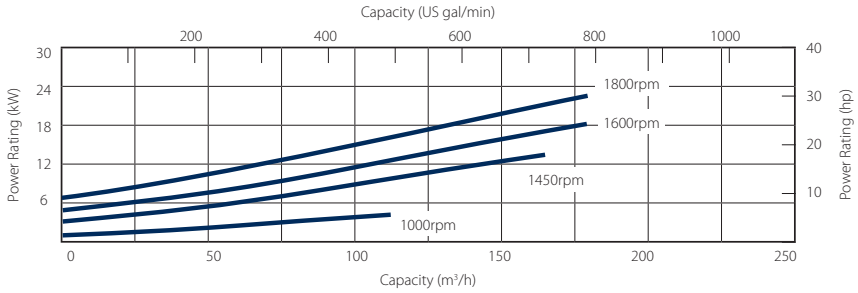
Pump end specification		
	Metric	US
Capacity	180 m³/h	792 gpm
Total Head	28.4 m	93 ft
Max. Solids Size	75 mm	3 in
Self Priming Lift	8.8 m	28 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Power Required	22 kW	29 hp
Pump Speed Max.	1800 rpm	1800 rpm
Pump Speed Min.	1000 rpm	1000 rpm
Impeller Type	Vortex	Vortex
Impeller Blades	8	8
Impeller Diameter	215 mm	8.5 in
Inlet Port	DN 100 PN6	4 in
Outlet Port	DN 100 PN6	4 in
Length Width Height	93 cm 68 cm 71 cm	36.6 in 26.8 in 28.0 in
Weight	225 kg	496 lb

Priming method - Selprime®

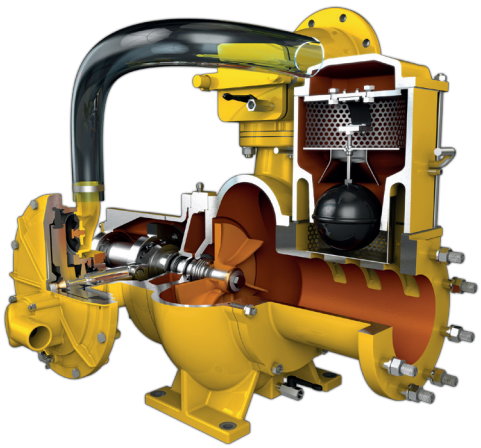
The unique original Selwood self priming system utilising a water tolerant diaphragm air pump. An environmentally friendly design that has none of the problems of oil vapour emissions and oil emulsification associated with other priming systems.

Pump end materials	
Pump Casing	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	Ceramic v Silicon Carbide
Pump End Bearing	Ball
Drive End Bearing	Cylindrical Roller





Please note: The above curves cover the complete range and ability of the pump unit. Actual performance will be subject to the engine / motor indicated overleaf and medium pumped.



SELWOOD
www.selwood.co.uk

UK Rental 03330 142000 | UK Sales 023 8025 0137 | International Sales +44 23 8025 0137

Head Office Bournemouth Road, Chandler's Ford, Eastleigh, Hampshire, SO53 3ZL. **T** 023 8026 6311 **E** info@selwood.co.uk

Specifications and illustrations are subject to revision without notice.

Solids handling 'S' pump build

8 blade impeller

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

The vortex-flow design (Seltorque®), Selprime® automatic self-priming, emission compliant engines and ease of operation means trouble-free pumping of

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

The Eco range

At Selwood we are committed to reducing our environmental impact by producing the most efficient equipment we can. This includes the production of our Eco range of pumps, featuring stop/start technology, Tier 4 engines and our Super Silent canopies reducing noise pollution.

Super Silent units include:-

- Quietest pumps on the market – EU directive 2000/14/EC
- Improved canopy design
- Auto stop/start control
- Oil drain kit
- Bulk fuel kit *
- Remote pump monitoring



Standard build	Hatz Super Silent Eco5 Pt No. 1021099S60	
	Metric	US
Length Width Height	245 cm 120 cm 176 cm	96 in 47 in 69 in
Dry Weight Gross Weight	1700 kg 1950 kg	3748 lb 4299 lb
Sound Power Sound Pressure @ 1m (3ft) Sound Pressure @ 7m (23ft)	94 LWA 74 db(A) 67 db(A)	
Engine	Hatz 3H50TICD	
Emission Rating	Stage V	Tier 4
Engine Max Speed	**1800 rpm**	
Fuel Tank Capacity.**	225 lt	60 US gal
BEP - Fuel Consumption	4.7 lt/hr	1.06 US gal/hr

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

Installation drawings are available upon request.

Remote pump monitoring

Selwood SelWatch®

- Remote pump condition monitoring
- Cloud based information management telemetry system
- Monitor pump & engine conditions via Canbus module which links the engine and ECU
- Ability to measure a multitude of pump & engine conditions including:-
  - Discharge & suction pressure
  - Engine speed
  - Fuel conditions
  - Engine temperature

Please note: SelWatch may not be available in all territories. Contact your local Selwood Sales Manager or Distributor for details.

Optional extras

- Training
- Genuine parts kits
- Valves / Fittings
- Pump accessories
- Tanks & filtration
- Pipe stoppers
- Hose / pipework

SELWOOD
www.selwood.co.uk

UK Rental 03330 142000 | UK Sales 023 8025 0137 | International Sales +44 23 8025 0137

Head Office Bournemouth Road, Chandler's Ford, Eastleigh, Hampshire, SO53 3ZL. **T** 023 8026 6311 **E** info@selwood.co.uk

Specifications and illustrations are subject to revision without notice.