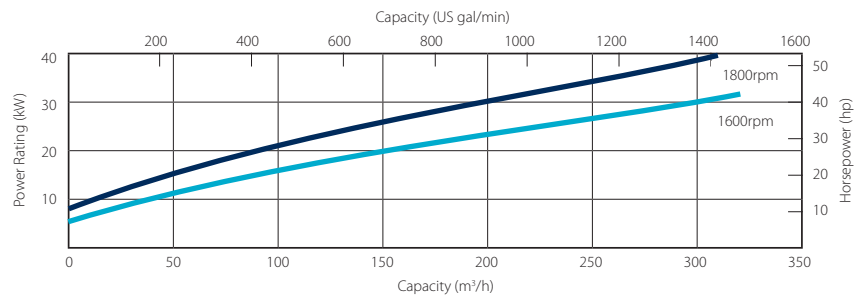
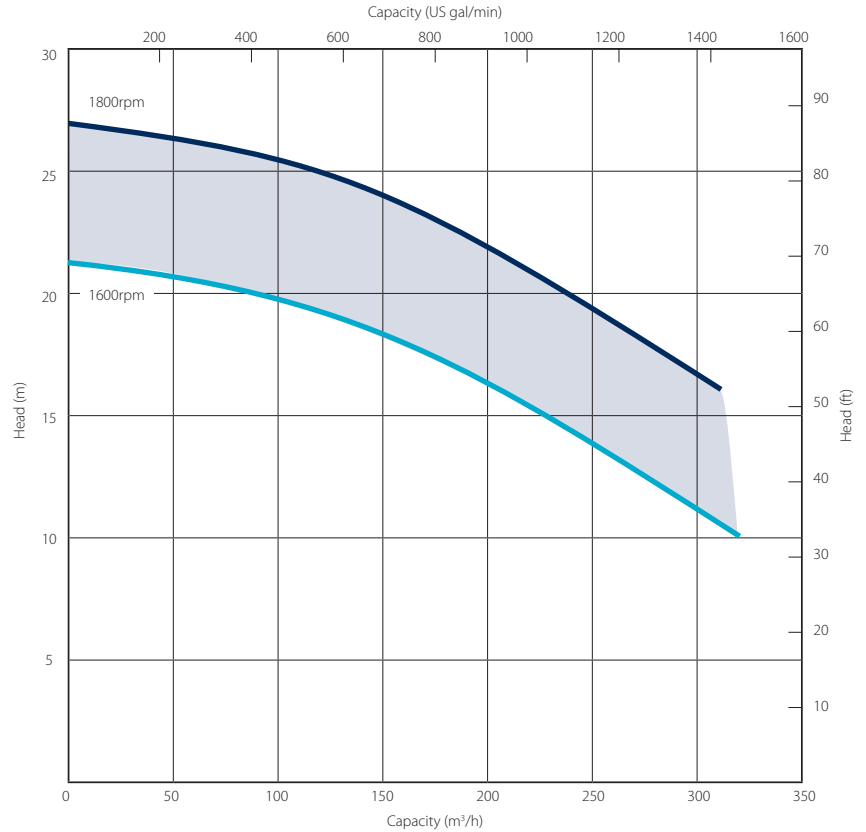


Solids handling 'S' pump

Pump end specification

| | Metric | US |
|-------------------|-----------------------|----------|
| Capacity | 310 m ³ /h | 1408 gpm |
| Total Head | 27m | 89 ft |
| Max. Solids Size | 100mm | 4 in |
| Self Priming Lift | 8.8m | 28 ft |
| Air Handling | 24 l/s | 50 cfm |
| Selprime® Absorbs | 2.2 kW | 3 hp |
| Power Required | 40 kW | 54 hp |
| Pump Speed Max. | 1800 rpm | 1800 rpm |
| Pump Speed Min. | 1600 rpm | 1600 rpm |
| Impeller Type | Vortex | Vortex |
| Impeller Blades | 6 | 6 |
| Impeller Diameter | 235 mm | 9.25 in |
| Inlet Port | DN 150 PN6 | 6 PN6 |
| Outlet Port | DN 150 PN6 | 6 PN6 |
| Length | 102 cm | 40.2 in |
| Width | 70 cm | 27.6 in |
| Height | 82 cm | 32.3 in |
| Weight | 315 kg | 694 lb |



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

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 | Silicon Carbide v Silicon Carbide |
| Pump End Bearing | Ball |
| Drive End Bearing | Cylindrical Roller |

Solids handling 'S' pump build

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

The Eco range benefits from:-

- Eco friendly engine which meets current legislation and regulations
- 28.5% increase in pressure

Super Silent units:-

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



| Standard build | Isuzu Super Silent | | Hatz Super Silent | |
|----------------------------|--------------------|----------------|-------------------|----------------|
| | Metric | US | Metric | US |
| Length | 245 cm | 96 in | 245 cm | 96 in |
| Width | 152 cm | 60 in | 120 cm | 47 in |
| Height | 174 cm | 68 in | 176 cm | 69 in |
| Dry Weight | 1763 kg | 3887 lb | 1768 kg | 3898 lb |
| Gross Weight | 1945 kg | 4288 lb | 1950 kg | 4299 lb |
| Sound Power | 89 LWA | | 94 LWA | |
| Sound Pressure @ 1m (3ft) | 69 db(A) | | 74 db(A) | |
| Sound Pressure @ 7m (23ft) | 62 db(A) | | 67 db(A) | |
| Pump SAE Size | SAE 4 | | SAE 4 | |
| Engine / Motor | Isuzu 4LE2X | | Hatz 4H50TICD | |
| Emission Rating | Stage IIIB | Tier 4 Final | Stage V | Tier 4 Final |
| Engine / Motor Max Speed | 1800 rpm | | 1800 rpm | |
| Fuel Tank Capacity.** | 219 lt | 58 US gal | 225 lt | 60 US gal |
| BEP - Fuel Consumption | 7.8 lt/hr | 2.06 US gal/hr | 7.8 lt/hr | 2.06 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

- The Isuzu is supplied with SelWatch, whilst the Hatz has a Deep Sea E800 control panel
- Cloud based information management telemetry system
- Ability to measure a multitude of pump & engine conditions including:-
 - 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
- Valves / Fittings
- Pump accessories

- Tanks & filtration
- Pipe stoppers
- Hose / pipework

