

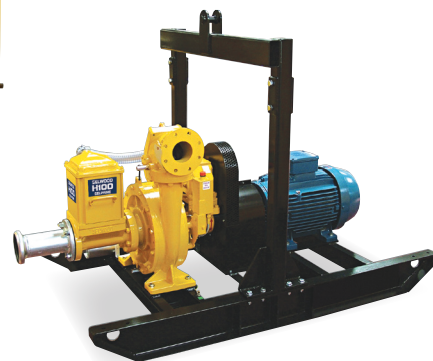
High head 'H' pump build

Our 'H Pumps' offer maximum performance and efficiency for high head, high pressure dewatering.

These efficient models offer total heads up to 158m, mechanical shaft sealing, Selprime automatic self-priming and emission compliant engines. Ideal for high head and high pressure applications, they're simple to operate and maintain.

Our H Pumps are perfect for

- S** High head dewatering
- S** Pipeline testing & cleaning
- S** Water boosting



Standard builds	Super Silent		Electric - Skid*	
	Metric	US	Metric	US
Length	275 cm	108 in	200 cm	79 in
Width	155 cm	61 in	120 cm	47 in
Height	210 cm	83 in	152 cm	60 in
Dry Weight	2785 kg	6139 lb	900 kg	1984 lb
Gross Weight	2967 kg	6541 lb	900 kg	1984 lb
Sound Power	101 LWA		95 LWA	
Sound Pressure @ 1m (3ft)	79 db(A)		72 db(A)	
Sound Pressure @ 7m (23ft)	71 db(A)		64 db(A)	
Pump SAE Size	3		bare shaft	
Motor	CAT C4.4 T4		30 kW 400/3/50	40 hp
Emission Rating	EU Stage IV EPA Tier 4 Final		-	
Engine / Motor Max Speed	2200 rpm		2200 rpm	
Fuel Tank Capacity.**	380 lt	100 US gal	-	-
BEP - Fuel Consumption	21 lt/hr	4.62 US gal/hr	-	-

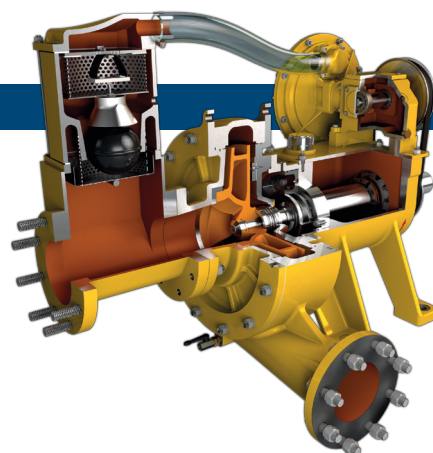
*Open sets exclude fittings

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

Installation drawings are available upon request.

Optional extras

- | | |
|--------------------------------|----------------------------------|
| Training | Pump telemetry |
| Genuine parts | Oil drain kit |
| Valves / Fittings | Hose / pipework |
| Pump accessories | DOL panels |
| Tanks & filtration | Soft Start panels |
| Pipe stoppers | Variable speed drive panels |
| Auto stop/start control panels | Ultra-sonic level control panels |



High head 'H' pump

Pump end specification

	Metric	US
Capacity	225 m³/h	990 gpm
Total Head	120 m	394 ft
Max. Solids Size	30 mm	1.18 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	30 - 110 kW	40 - 147 hp
Pump Speed Max.	2200	2200
Pump Speed Min.	1400	1400
Impeller Type	Closed	Closed
Impeller Blades	4	4
Impeller Diameter	368 mm	14.5 in
Inlet Port	DN 100 PN6	4 PN6
Outlet Port	DN 100 PN16	4 PN6
Length	96 cm	38 in
Width	77 cm	30 in
Height	85 cm	33½ in
Weight	380 Kg	838 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 500/7
Shaft	Steel 080M40
NRV Body	Cast Iron BS2789 Grade 500/7
Mechanical Seal	Silicon Carbide v Silicon Carbide
Pump End Bearing	Taper Roller
Drive End Bearing	Taper Roller

