

High head 'H' pump builds

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	368 cm	145 in	255 cm	100 in
Width	163 cm	64 in	145 cm	57 in
Height	260 cm	102 in	173 cm	68 in
Dry Weight	3900 kg	8598 lb	1975 kg	4354 lb
Gross Weight	3900 kg	8598 lb	1975 kg	4354 lb
Sound Power	103 LWA		103 LWA	
Sound Pressure @ 1m (3ft)	81 db(A)		81 db(A)	
Sound Pressure @ 7m (23ft)	73 db(A)		73 db(A)	
Pump SAE Size	long coupled		long coupled	
Motor	CAT 7.1 T4		90 kW 400/3/50	120 hp
Emission Rating	EU Stage IV EPA Tier 4 Final		-	
Engine / Motor Max Speed	1800 rpm		1800 rpm	
Fuel Tank Capacity:**	No fuel tank	No fuel tank	-	-
BEP - Fuel Consumption	30 lt/hr	6.6 US gal/hr	-	-

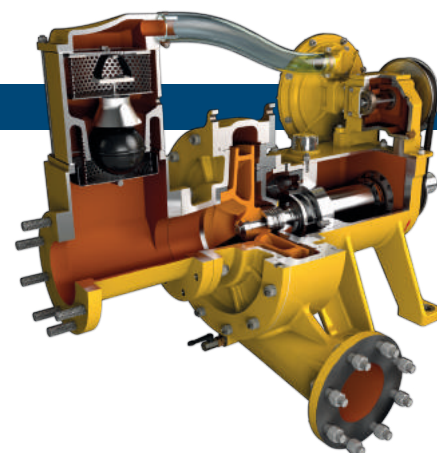
*Open sets exclude fittings

** 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		Pt No. 1310193000
	Metric	US
Capacity	450 m ³ /hr	1981 gpm
Total Head	114 m	374 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	90 - 168 kW	120 - 224 hp
Pump Speed Max.	1800	1800
Pump Speed Min.	1500	1500
Impeller Type	Closed	Closed
Impeller Blades	4	4
Impeller Diameter	420 mm	16.5 in
Inlet Port	DN 150 PN16	6 PN6
Outlet Port	DN 150 PN16	6 PN6
Length	136 cm	53.5 in
Width	120 cm	47.5 in
Height	98 cm	38.5 in
Weight	650 kg	1430 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

