

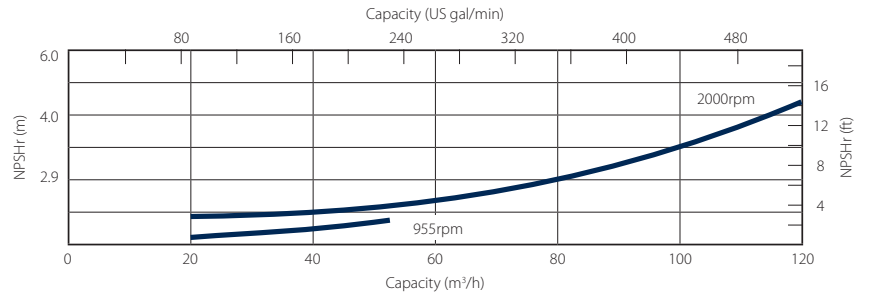
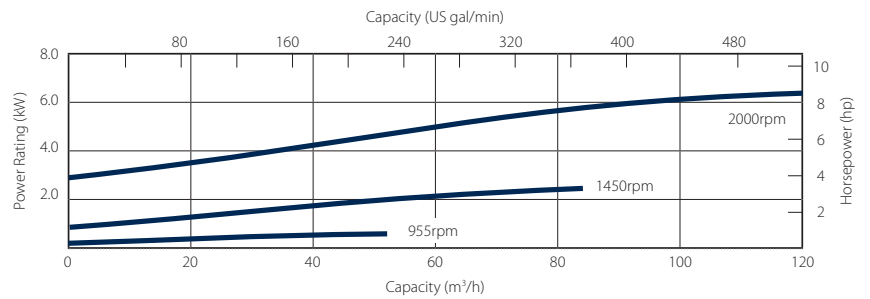
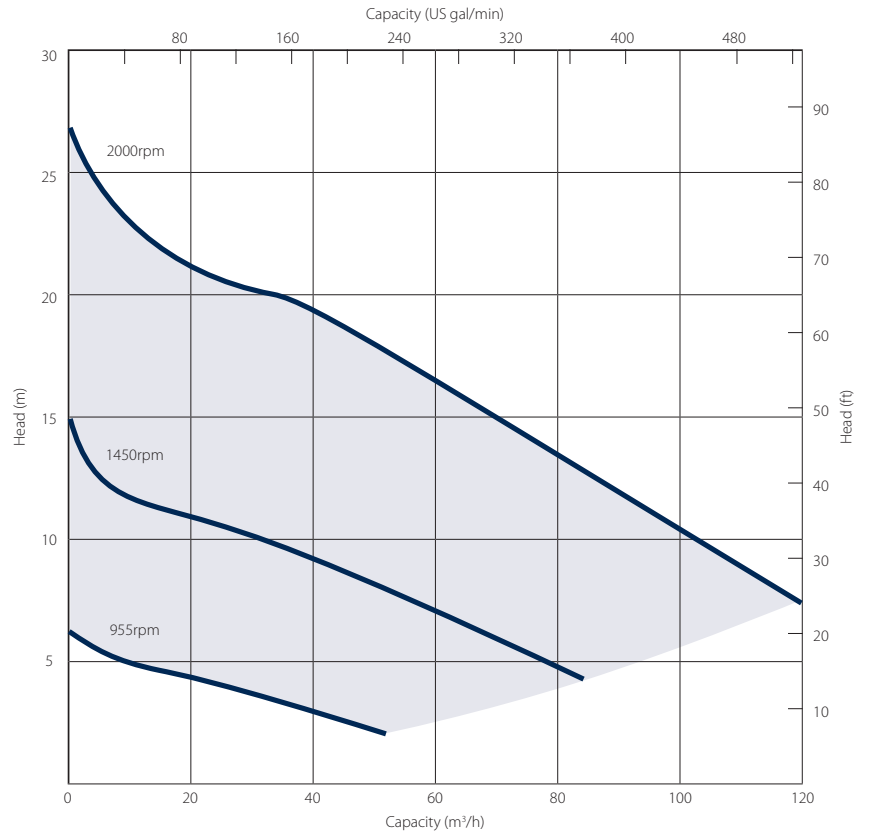
High volume drainer 'D' pump

Pump end specification		
	Metric	US
Capacity	120 m ³ /h	528 gpm
Total Head	26 m	85 ft
Max. Solids Size	29 mm	1.14 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	0.9 kW	3 hp
Power Required	6.5 kW	9 hp
Pump Speed Max.	2000	2000
Pump Speed Min.	955	955
Impeller Type	Drainer	Drainer
Impeller Blades	3	3
Impeller Diameter	192	7.6 in
Inlet Port	DN 80 PN6	3 PN6
Outlet Port	DN 80 PN6	3 PN6
Length	84 cm	33.1 in
Width	62 cm	24.4 in
Height	63 cm	24.8 in
Weight	203 kg	447 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-250
Impeller	Cast Iron BSEN 1563 Grade EN-GJS-450-10
Wear Plates	Cast Iron BSEN 1563 Grade EN-GJS-600-3
Shaft	Steel BS En 10277 Grade C40+C
NRV Body	Grey Iron BSEN 156 Grade EN-GJL-250
Mechanical Seal	Ceramic / Sealide
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.

High volume drainer 'D' pump builds

Our 'D Pumps' offer high efficiency centrifugal pumps for high-volume fluid transfer.

Handling flows of up to 90 m³/h, these highly efficient Selprime[®] pumps offer emission compliant engines, are easy to operate and maintain and have a robust construction.

These D80 units have a larger air pump to reduce priming time.

Perfect for use with

- water – clean, with fine or larger solids
- screened sewage

Reducing environmental impact

We are committed to reducing our environmental impact by producing the most efficient equipment we can.

All Selwood Eco5 pumps can run on hydrotreated vegetable oil (HVO) fuel as an alternative to diesel.



Standard builds	Hatz 2 Wheel Site* Eco5		Electric Static		Electric Static	
	Metric	US	Metric	US	Metric	US
Length	194 cm	76 in	126 cm	50 in	126 cm	50 in
Width	100 cm	39 in	54 cm	21 in	54 cm	21 in
Height	129 cm	51 in	82 cm	32 in	82 cm	42 in
Dry Weight	540 kg	1190 lb	310 kg	684 lb	310 kg	684 lb
Gross Weight	570 kg	1257 lbs	310 kg	684 lb	310 kg	684 lb
Sound Power	104 LWA	104 LWA			95 LWA	95 LWA
Sound Pressure @ 1m (3ft)	84 db(A)	84 db(A)	TBA	TBA	73 db(A)	73 db(A)
Sound Pressure @ 7m (23ft)	75 db(A)	75 db(A)			64 db(A)	64 db(A)
Engine / Motor	Hatz 1D81Z	Hatz 1D81Z	5.5 kW 240/1/50	7.3 HP	5.5 kW 380-415/3/50	7.3 HP
Emission / Electrical Rating	Stage V	-	IE3	-	IE3	-
Engine / Motor Max Speed	2000 rpm	2000 rpm	1450 rpm	1450 rpm	1450 rpm	1450 rpm
Fuel Tank Capacity.**	36 lt	9.5 US gal	-	-	-	-
BEP - Fuel Consumption	1.6 lt/hr	0.35 US gal/hr	-	-	-	-

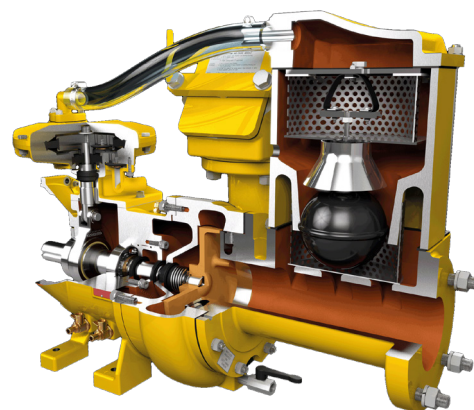
*Open sets exclude fittings

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



High volume drainer 'D' pump

Our 'D Pumps' offer high efficiency centrifugal pumps for high-volume fluid transfer.

These highly efficient SelPrime® pumps offer emission compliant engines, are easy to operate and maintain and have a robust construction.

These D80Eco units have a larger air pump to reduce priming time.

Perfect for use with

- water – clean, with fine or larger solids
- screened sewage

Reducing environmental impact

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All Selwood Eco5 pumps can run on hydrotreated vegetable oil (HVO) fuel as an alternative to diesel.

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 builds	Super Silent Eco5		Fast Tow S/S Eco5	
	Metric	US	Metric	US
Length	176 cm	69 in	337 cm	133 in
Width	114 cm	45 in	159 cm	63 in
Height	157 cm	62 in	205 cm	81 in
Dry Weight	1065 kg	2348 lbs	1345 kg	2965 lb
Gross Weight	1170 kg	2579 lbs	1450 kg	3196 lb
Sound Power	86 LWA		86 LWA	
Sound Pressure @ 1m (3ft)	75 db(A)		75 db(A)	
Sound Pressure @ 7m (23ft)	58 db(A)		58 db(A)	
Engine	Isuzu 3CA1		Isuzu 3CA1	
Emission Rating	Stage V	Tier 4	Stage V	Tier 4
Engine Speed	2000 rpm		2000 rpm	
Fuel Tank Capacity.**	120 lt	31.7 US gal	120 lt	31.7 US gal
BEP - Fuel Consumption	1.5 lt/hr	0.32 US gal/hr	1.5 lt/hr	0.32 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.

Remote Pump Monitoring

Selwood SelWatch®

- 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
- Chalwyn valve & spark arrestor