



**SELWOOD**

# PUMPS

**SELWOOD**  
The  
**No 1**  
Choice



**Your Complete Pump Solution**

**Sizes From 50mm To 300mm - Site, Fast Tow Or Skid  
Super Silent Canopy - Environmentally Friendly**

OVER  
**60**  
YEARS  
EST 1946

[www.selwoodpumps.com](http://www.selwoodpumps.com)

# INTRODUCTION



Established for over 60 years, Selwood is one of the largest privately owned companies serving the UK construction and industrial rental

markets. It is the leading pump supplier in the UK as well as the leading distributor of construction equipment on the south coast.



Selwood has designed and manufactured mobile site pumps for over fifty years and is now acknowledged as one of the UK leaders in this particular field.



The Selwood pump success story is one of continuous growth, innovation and enterprise. Since its inception in 1955, the company has seen consistent expansion into new market areas both in the UK and overseas, with 70% of pump units now being exported through a worldwide distributor network.



Selwood's original pump designs, the well known "Simplite", "Spate" and "Seltorque" models, quickly established themselves as the



market standard in the construction industry, and upgraded versions of those same designs still play a vital role within the impressive line-up of diaphragm and prime assisted centrifugal pumps.

Today, the company addresses the needs of many industries including construction, marine, environmental and pollution control, mining and industrial effluent management. This broad spectrum demands that a wide range of materials may be handled from water and solids in suspension to bentonite muds, oil and bilge slurries.



Selwood Head Office site today.

## QUALITY, HEALTH, SAFETY & ENVIRONMENT

With a commitment to quality, safety and the environment, Selwood is proud to be one of the few companies within the UK that holds all three recognised standards:-

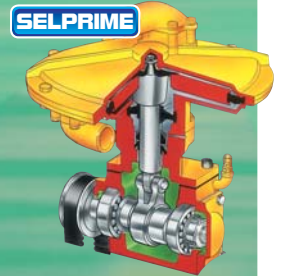
- Quality
- Environmental
- Health & Safety.



## ENVIRONMENTAL

### 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.



### Super Silence

Super Silent versions are available with noise levels from as low as 55 db(A).

### Fully Bunded

All Super Silent units are fully bunded, ensuring that any fuel or oil leakage is retained within the bund and does not contaminate the surroundings. Drain plugs within the unit's chassis can then be used to remove the fluids.



### Auto Stop/Start & Telemetry\*

Float control for automatic stopping and starting of the pump. This is a no-nonsense system giving a simple, outstanding performance for the cost conscious.

Telemetry allows remote measurement and reporting of the pumps operation, directly to pre-selected mobiles or land lines, providing real time alarm messages for high level float, failure/start, engine fault and emergency stop activation.

\* Not currently available for the H150 or H200

# PD RANGE (POSITIVE DISPLACEMENT)



These environmentally friendly, automatic priming pumps with indefinite dry running ability are Selwood's original pump designs that quickly established themselves in the marketplace and continue to play a vital role today.

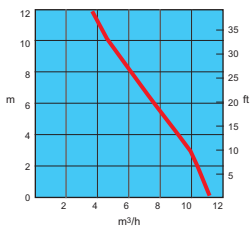
## Selwood Simplite PD50

A general purpose, lightweight, reciprocating diaphragm pump, the Simplite has gained an international reputation for efficiency and dependability. Versatile in application, the pump will handle site water, slurries, sand and similar abrasives.

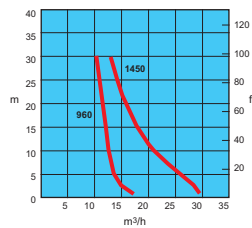
## Selwood Spate PD75, PD100

The Spate handles dirty water, slurries, light and heavy oils, petroleum industry products, including some of the more viscous liquids, at a high, non turbulent flow rate. It is also well suited to a variety of demanding site conditions. The unique design makes it the perfect pump for the control of oil pollution. It is world renowned for its suitability on all oil recovery applications and works in conjunction with a wide variety of recovery systems and skimmers. Simplicity of design and construction provides for total ease of maintenance. Hydraulic, pneumatic, diesel, petrol and electric drives can be fitted to suit individual needs.

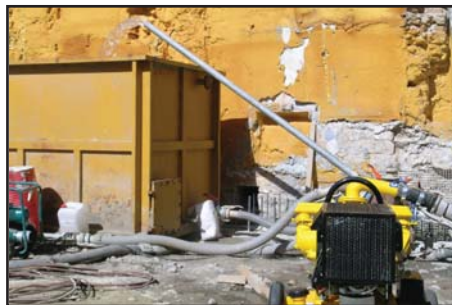
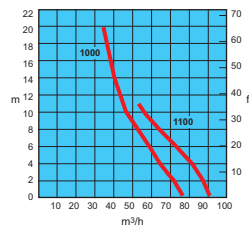
PD50



PD75



PD100



Specification		PD50	PD75	PD100
Power Required	kW	0.75	2.5	6
Pump Speed	rpm	90	1450	1000
Capacity	m³/h	11	30	77
Suction Lift	m	8.8	9.1	9.1
Max. Solids Size	mm	13	6	16
Air Handling	l/s	-	3.77	11.8
Inlet / Outlet Port	mm	50 / 75	75	100
Delivery Head	m	12	30.5	20

# D RANGE (DRAINER)

**SELPRIME**

These robust high performance pumps with indefinite dry running ability are particularly suitable for water companies, pump hirers and high flow applications. The range offers easy operation, unparalleled reliability and inherent safety.

The new D80 and D100 pumps are compact and cost effective 3" and 4" pumps that are extremely versatile, performing very effectively in a wide variety of applications. The D150WP has been specifically designed for all wellpoint applications and produces maximum drawdown at an operating speed of just 1500rpm.

Low operating costs are achieved through overall design efficiency together with a series of innovative features, which produce an impressive maximum flow rate of 600m<sup>3</sup>/hr. a maximum head of 40.5m and the handling of solids of up to 55mm.

The pumps are available with a choice of builds having a wide range of engine, electric motor and chassis options as well as close coupling on some models.

Super Silent versions are available with noise levels from as low as 58 db(A).



D80

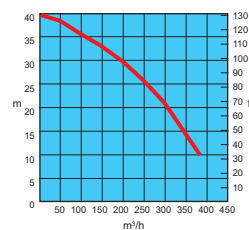
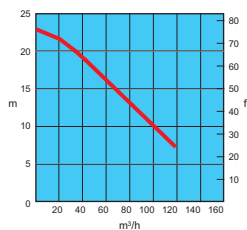
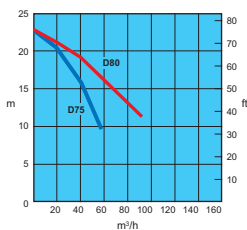
D150WP

D100 SS

**D75 / D80**

**D100**

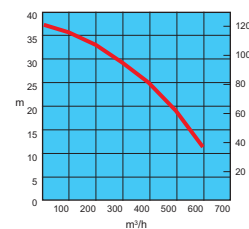
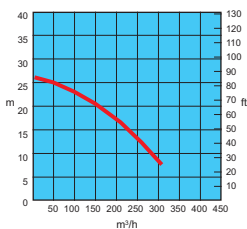
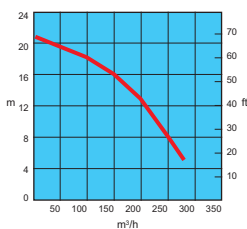
**D150**



**D150WP**

**D150R**

**D200**



Specification		D75	D80	D100	D150	D150WP	D150R	D200
Power Required	kW	3.8	6.5	6.5	28	12	17	42
Pump Speed	rpm	2000	2000	2000	2000	1500	1750	1500
Capacity	m <sup>3</sup> /h	60	90	120	380	275	315	600
Suction Lift	m	9.1	9.1	9.1	9.1	9.1	9.1	9.1
Max. Solids Size	mm	29	29	29	45	45	45	55
Air Handling	l/s	4.25	4.25	4.25	24	48	24	24
Inlet / Outlet Port	mm	75	80	100	150	150	150	200
Delivery Head	m	23.5	23	23	40.5	21	27	37.5



S200



S150



S100 SS

With solids handling capabilities of up to 100mm and indefinite dry running ability, the Selwood Seltorque range of vortex pumps form the foundation upon which the company's international reputation has been built.

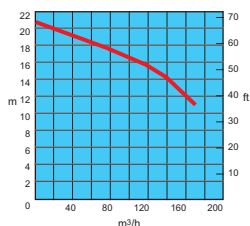
One of Selwood's original pump designs, its simplicity offers easy operation and unparalleled reliability coupled with inherent safety.

The environmentally friendly Seltorque range has the unique Selprime automatic self priming system together with an oil immersed mechanical seal enabling them to operate in the most arduous of circumstances encountered in the construction, mining and municipal industries. These pumps offer completely automatic priming from depths of 9.1 metres (30 feet) and unequalled performance in effluent disposal and slurry handling.

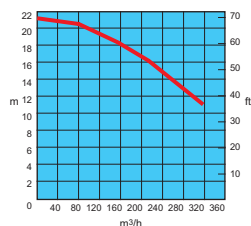
The pumps are available with a choice of builds having a wide range of engine, electric motor and chassis options as well as close coupling on some models.

Super Silent versions are available with noise levels from as low as 55 db(A).

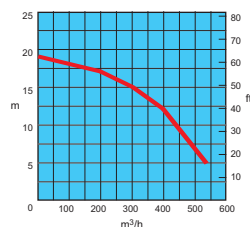
S100



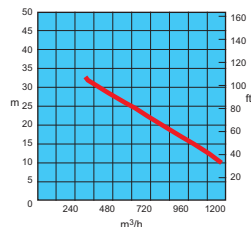
S150



S200



S300



Specification		S100	S150	S200	S300
Power Required	kW	16	24	42	80
Pump Speed	rpm	1600	1600	1450	1600
Capacity	m³/h	160	320	540	1100
Suction Lift	m	9.1	9.1	9.1	9.1
Max. Solids Size	mm	75	100	100	100
Air Handling	l/s	24	24	24	24
Inlet / Outlet Port	mm	100	150	200	300
Delivery Head	m	21.3	21.3	18.5	39

# H RANGE (HIGH HEAD)

**SELPRIME**

These specialist pumps incorporate the features of all Selwood's other prime assisted pumps and meet the demands for high head dewatering applications.

With proven design, their simplicity offers easy operation and unparalleled reliability coupled with inherent safety.

The environmentally friendly high head range has the unique Selprime automatic air pump priming. The H80 has an oil immersed mechanical seal with all other models using a two ring vacuum gland providing extended dry running. The 'H' range features abrasive resistant pump ends ideal for those more arduous applications.

With a wide range of models available, heads of up to 140m\* and capacities of up to 950m<sup>3</sup>/h are achievable. All the pumps provide fully automatic self priming from depths of up to 9.1m

The pumps are available with a choice of builds having a wide range of both engine and chassis options.

Super Silent versions are available with noise levels from as low as 62 db(A).

*Note: Fuel cubes are required for the H100, H125, H150 and H200*

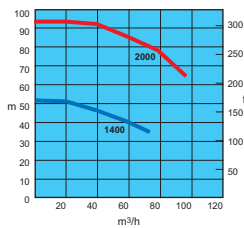


H80

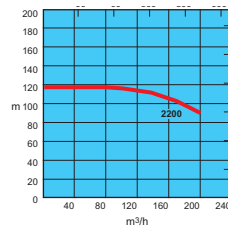
H150

H100 SS

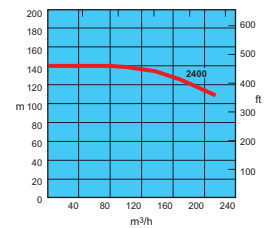
**H80**



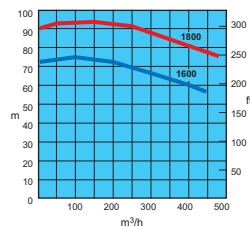
**H100**



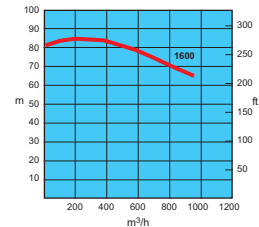
**H125\***



**H150**



**H200**



Specification		H80	H100	H125*	H150	H200
Power Required	kW	30	82	110	140	250
Pump Speed	rpm	2000	2200	2400	1800	1600
Capacity	m <sup>3</sup> /h	95	200	225	450	950
Suction Lift	m	9.1	9.1	9.1	9.1	9.1
Max. Solids Size	mm	19	30	30	38	60
Air Handling	l/s	4.25	24	24	24	24
Inlet / Outlet Port	mm	80	100	150 / 100	150	200
Delivery Head	m	95	120	140	95	85

\*H125 available mid 2010 - subject to final tests.

# HS RANGE (HYDRO-SUB)



From  
62  
db(A)



HSP10

HSP35

HSP35 SS

The high performance hydraulic submersible Selwood Hydrosusb pumps comprise 50mm - 200mm models with electric start diesel driven hydraulic power packs fully protected by an automatic shutdown system.

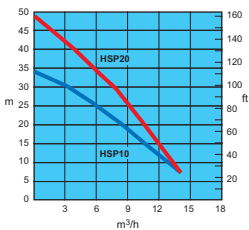
A unique feature of this range of pumps is their versatility. The hydraulic wet ends, available in aluminium, cast iron or stainless steel, are capable of a high flow and low head or a low flow and high head.

The hydraulic system can run on synthetic biodegradable or vegetable oil which significantly reduces harmful environmental pollution. The hydraulics incorporate a large return filter ensuring that any contaminants are captured and the fuel tank has flushing panels and a drain facility as well as providing 24hr running capability. Safety features include full engine protection and hydraulic shut off through oil loss.

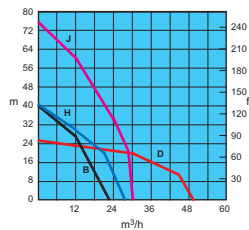
High specification motors and replaceable stainless steel wear plates are featured throughout the range.

Super Silent versions are available with noise levels from as low as 62db(A) at 7m.

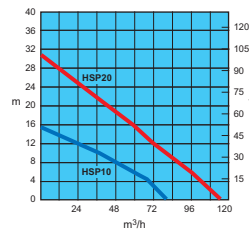
HS25



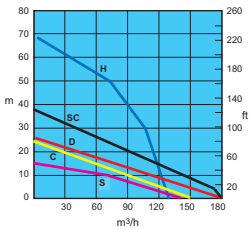
HS50



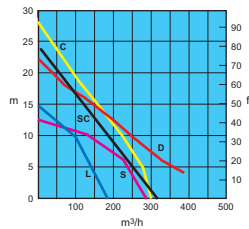
HS75



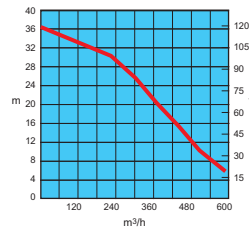
HS100



HS150



HS200



H - High Head, C - Chopper, J - Jetting, S - Vortex, D - Drainer, B - Borehole, SC - Screw, L - Low Head



Seldredge



HSP10 & HSP20	HS25B HS50B HS50D HS50H HS75D
HSP20 & HSP35 S/S	HS75D HS25H HS50J HS100D HS100S HS100C HS150L
HSP35 HSP35 S/S & HSP110	HS100SC HS150D HS150S HS150C HS150SC HS100H HS200D
HSP110	HS250D Seldredge

The Selwood C150 chopper pump is the ideal solution for pumping solids, sludge and rags.

Building upon Selwood's market leading reputation, the Selwood C150 chopper pump has been developed with our key partners in the process, industrial and water sectors. All have a common requirement to pump and condition liquids that contain a high proportion of solids, organic matter or rags.

The Selwood C150 chopper pump, with its hardened impeller and cutter (60 rockwell) plus a cutting action giving 3000 cuts per minute, is more than capable of meeting these arduous applications.

The C150 automatic self-priming diesel has the choice of either a skid mount or mobile site chassis for on-site flexibility. It also comes with Selprime as standard.

## MATERIALS

Impeller	High grade SG iron Hardened to 60 Rockwell
Chopping Plate	High Carbon Steel Hardened to 60 Rockwell
Volute	Cast Iron
Seal Plate	Cast Iron
Bearing housing	Aluminium



C150 Electric



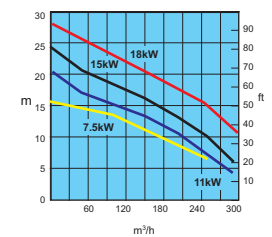
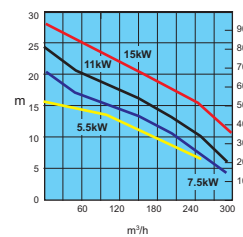
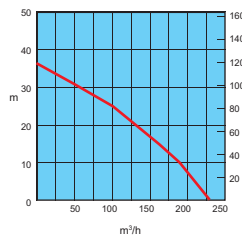
C150 Diesel



C150 Diesel

C150 Electric

C150 Electric / Selprime



Specification		C150 Diesel	C150 Electric	C150 Electric / Selprime
Power Required	kW	20	5.5 - 15	7.5 - 18
Pump Speed	rpm	1800	1450	1450
Capacity	m <sup>3</sup> /h	225	300	300
Suction Lift	m	9.1	-	9.1
Air Handling	l/s	24	-	24
Inlet / Outlet Port	mm	150 / 100	150 / 100	150 / 100
Delivery Head	m	37	25	25

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