



Oil spill response pumps

“Selwood Pumps is proud to deliver to you the highest quality contractors pumps, supported world wide by local partners committed to outstanding levels of service”

The No 1 for oil pollution clean up



1. A deck mounted PD100 Spate fitted to a spill control catamaran for Saudi Aramco as a major part of its Red Sea oil spill response capability.



2. A PD75 Spate, in conjunction with an oil spill skimmer, operating as part of a clean-up operation.



3. PD75s being used by Varichem de Colombia in response to a local oil spill.



4. PD75s being used by Corena in Ecuador in conjunction with skimmers on API20 oil



5. Seltorque S150 pump and skimmer operated by Alpina Briggs on an oil spill clean-up in Brazil.



6. The waste product proved to be too heavy for the vacuum tanker to lift. An S150 pump filled the vacuum tankers in less than half the time.



7. An S100 pump was installed to lift heavy viscous and contaminated material over 3m for transfer to a nearby separator plant.



8. S150 being used by Corena to recover API20 oil from a deep pit



9. S200 being used to recover heavy oil from a waste oil pit in Venezuela.



10. PD75 used in conjunction with a shore fence to recover floating oil in Rio-de-Janeiro, Brazil.



11. PD75 being used by Alpina Briggs to recover oil from a leaking pipeline.



12. PD75s and skimmers being prepared for use on the Deepwater Horizon spill in the Gulf of Mexico.



13. PD75s being used to drain a pit containing API20 oil in Colombia.



14. PD100s being used in Colombia to recover oil from a bund and transfer to fast tanks.



15. Seldredge being operated in Central America to recover heavy oil from a harbour.



Positive Displacement 'PD' Pumps

The 'PD' Splate pumps handle light and heavy oils plus 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 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.

These pumps can be fitted with spark arrestors and chalywn valves.

Diesel, petrol, electric, hydraulic and pneumatic drives can be fitted to suit individual needs.



Model	Capacity m ³ /h	Total Head m	Solids Size mm	Self Priming Lift m	Air Handling l/s	Power Required kW	Pump Speed rpm	Inlet / Outlet mm
PD75	30	30.5	6	8.8	3.77	2.5	1450	75
PD100	77	20	16	8.8	11.8	6	1000	100



Solids Handling Seltorque 'S' Pumps

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

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



Model	Capacity m ³ /h	Total Head m	Solids Size mm	Self Priming Lift m	Air Handling l/s	Power Required kW	Pump Speed rpm	Inlet / Outlet mm
S100	165	21.3	75	8.8	24	16	1600	100
S150	300	21.3	100	8.8	24	32	1600	150
S150 Tier4/IIIB	310	27	100	8.8	24	32	1800	150
S150M	720	70	76	8.8	24	95	2000	200 / 150
S200	560	23	100	8.8	24	42	1600	200
S300	1200	37	100	8.8	24	68	1500	300
WD150S	300	21.3	100	8.8	24	32	1600	150

The right pump for the job

Hydraulic Submersible 'HS' Seldredge

The high performance hydraulic submersible Selwood hydrosub pumps comprise a range of pump models from 50mm - 200mm as well as the unique Seldredge unit.

The Seldredge is a modular system with a 150mm screw pump used to mix heavy sludges or oil and pump them away. Two 46cm rotors each side of the pump condition the oil or sludge into a liquid that can be pumped.

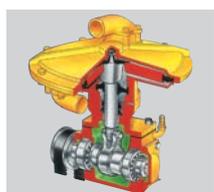
An HSP110 power pack is required to run the Seldredge. The hydraulic system can run on synthetic biodegradable or vegetable oil that significantly reduces harmful environmental pollution. The hydraulics incorporate a large return filter ensuring that any contaminants are captured and the fuel tank has flushing panels and a drain facility as well as providing 24hr running capability. Safety features include full engine protection and hydraulic shut down.



Pump End	Capacity	Total Head	Solids Size	Weight	Powerpack	Engine Speed	Hydraulic Flow	Hydraulic Pressure
	m ³ /h	m	mm	kg		rpm	l/min	bar
Seldredge SC	420	41	75	620	HSP110	1586	20 / 60 / 120	118 - 210



Environmental Features available for some pumps



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.



Fully Bunded

All Super Silent units are fully bunded, ensuring that any fuel or oil spillage 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.



Super Silent

Selwood has a range of Super Silent units designed for applications in noise sensitive areas. With noise levels as low as 58db(A) at full speed and load, Selwood has the quietest and most environmentally friendly diesel pumps available today.



Control panels

Choose from a range of specialist control systems, relevant to your requirements. Our auto stop/start solution means that no onsite supervision is required - saving on both fuel and labour. Our remote monitoring pump telemetry provides you with valuable information on pump performance. Data reporting and alarms sent to any device provide peace of mind on un-manned operations.



Oil drain kit

Our time saving oil drain kit offers speedy servicing and maintenance, with clean and quick oil changing facilities for both the pump and engine. This is serviceability in one handy kit.

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