

Positive Displacement Pumps

Sparte 75C
Cutaway



The Selwood Simplite and Sparte models are Positive Displacement Diaphragm type pumps with zero level maintenance requirements on the pump end and high reliability characteristics. Slow running speeds enable viscous liquids such as oils and sludges to be handled.

Selwood Simplite 50F

A general purpose, lightweight, reciprocating diaphragm pump, the **Simplite** has built an international reputation for efficiency and dependability. Versatile in application, the 50F will handle site water, slurries, sand and similar abrasives. It is self priming and will run dry and "on snore" indefinitely.

Selwood Sparte 75C & 100D

The unique design of the **Sparte** pump incorporates the induced flow principle utilising the inertia or ram effect to maintain a flow of water through the pump cylinder whilst the piston is on the return stroke. This principle ensures a peak volumetric efficiency twice that of a conventional reciprocating pump. The **Sparte** 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. The pump can also be run dry indefinitely, and is well suited to demanding site conditions.

Features

- *Indefinite Dry Running*
- *Automatic Priming*
- *Robust*
- *Simple Maintenance*
- *Handles Oils & Sludges*
- *Simple in Operation*

Simplite 50F



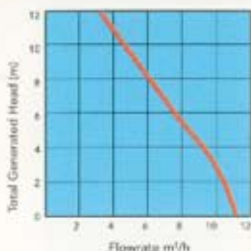
75C



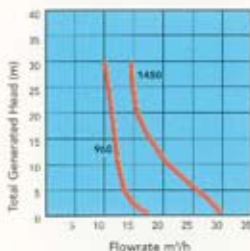
Pump Details

	50F	75C	100D
Power Requirement (kw)	0.75	2.5	6
Pump Speed (rpm)	90	1500	1000
Capacity (m ³ /h)	11.0	30.0	90.9
Suction Lift (m)	8.8	9.1	9.1
Solids Size (mm)	13	6	16
Air Handling (l/s)	-	3.77	11.8
Inlet Port (mm)	50	75	100
Outlet Port (mm)	75	75	100
Delivery Head (m)	12.0	30.5	21.3
Self Priming Lift (m H ₂ O)	6.7	8.8	8.5
Weight Range Of Mobile Chassis Builds (kg)	68-90	70-120	240-530

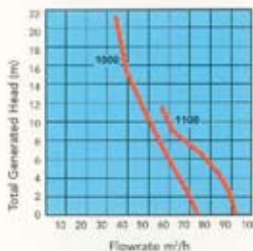
Pump Performance



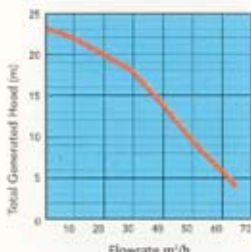
Simplite 50F



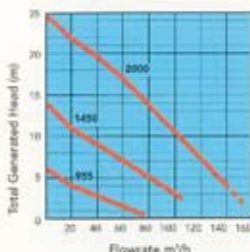
Spate 75C



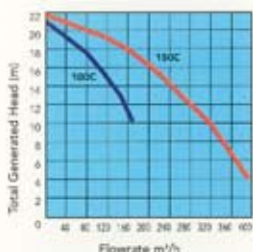
Spate 100D



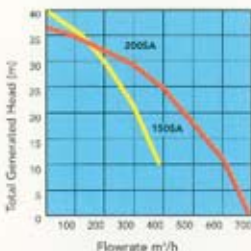
STORM



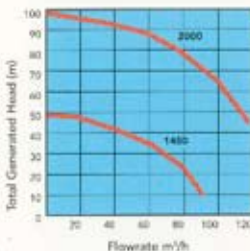
80C



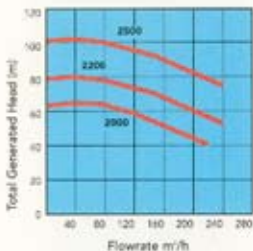
Seltorque 100C & 150C



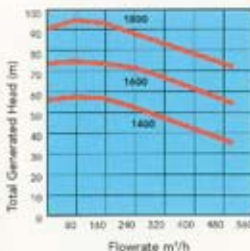
150SA & 200SA



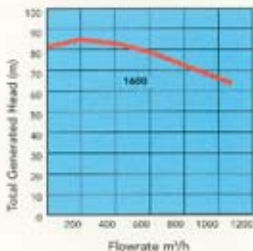
80AH



100SH



150SH



200SH



Selwood Limited,
Bournemouth Road,
Chandler's Ford, Eastleigh,
Hampshire SO53 3ZL England

Tel: +44 (0)23 8026 6311

Fax: +44 (0)23 8027 1012

www.selwoodgroup.co.uk
sales@selwoodgroup.co.uk