

## PUMPS

We stock and supply a wide range of pumps suitable for use in the wine, cider, juice and food industries. All these pumps are suitable for food use. Please contact our office if you require further information before making a decision to purchase a particular pump.

We are agents for the full range of **Theo Schneider Pumps**, suitable for use throughout the food industry. These pumps are manufactured to a high standard and designed for ease of use and maintenance.

### SCHNEIDER IMPELLER PUMPS

These pumps are useful for the rapid transfer of liquids, when pressing juice, racking off and pumping from one tank to another. They are **self-priming** – just connect hoses and switch on the pump – and, will pump liquids with small solids in suspension. They are not generally suitable for use with filters unless operated with a precise variable speed control. On the inlet side we recommend the use of ribbed re-enforced tube to reduce the risk of the tube collapsing under suction.

### Okoflow Pump

Machined solid nylon pump body, stainless steel impeller shaft, very simple construction, smooth and quiet running; with carrying handle. These pumps are very popular with small-scale wine, cider and juice operations. 1" BSP male stainless steel thread connections, (supplied with 1" to 3/4" polypropylene hose tails).

### TSB Pump

Stainless steel body and impeller shaft, pumps in one direction, maximum 4800 litres per hour, 2000 litres per hour at 3 bar, 1" BSP male stainless steel thread connections, (supplied with 1" to 1" polypropylene hose tails).

### PHOENIX Range

Stainless steel body with highly polished internal surfaces, integral bypass to regulate delivery pressure and flow rate, threaded connections to customer's specifications, reversible motor for pumping in either direction; mounted on a trolley. All pump parts can be serviced by removing one clamp bolt.

Models from 16,000 to 48,000 litres/hour, 2 speed and variable speed also available. Please ask for details.



Model	Flow rate (lit/h)	Voltage (V)	Motor (kW)	Weight (kg)	Stockcode
Okoflow	3000	230	0.37	12	93100
TSB	4800	230 or 400	0.55	13	93113/93123

Model	Flow rate (lit/h)	Voltage (V)	Motor (kW)	Weight (kg)	Stockcode
Phoenix 6,000	6000	230 or 400	0.75	20	93102/3
Phoenix 12,000	12000	230 or 400	2.2	34	93104/93122



Rubber impellers

For spare impellers see price list.

### Schneider Eccentric Screw Pump ('mono' type)

Two speed reversible motor, with or without bypass, ideal for pumping viscous liquids and fruit pulp and for filtration; very gentle operation. NB Standard version 3 phase, single phase available, but only with 1 speed motor.

These pumps are also available in variable speed versions with an inverter speed control.

Model	Flow Rate (lit/h @0 bar)	Motor (kW)	Weight (kg)	Stockcode
SP1	2800/5600	1.5	24	93106
SP2	4500/9000	2.2	33	93107
SP3	10,000/20,000	3	75	93108
SP4	20,000/40,000	7.5	88	93109



### Schneider Centrifugal Pumps

These pumps are for use with filters and bottle fillers, where smooth, regulated flow is required. These models have a patented self priming design and are fitted with a bypass to regulate pressure and flow rate. Stainless steel body, stainless steel strainers on both the suction and delivery sides, stainless steel elbows (threads to customer's specification), 3 phase reversing motor.

The **Duplex** models have an integral bypass.

The **Europa** models have an external bypass with control valve to give a finer adjustment of delivery pressure and flow rate.



Model	Flow Rate (lit/h @0 bar)	Motor (kW)	Max pressure (bar)	Weight (kg)	Stockcode
Duplex	3600	1.1	3	30	93200
	5000	1.1	3.5	33	93201
Europa D	3600	1.1	3	32	93202
	6000	1.1	3.5	34	93203
Europa S	9000	3	3	65	93220

Larger sizes available, please ask for details.

### Economy Centrifugal Pumps

Economical pumps for use with filters and fillers, can be fitted with a regulating valve at the outlet and/or with external bypass. Stainless steel body with plastic or stainless steel impeller. Suitable for use with clean liquids free from suspended solids. These pumps must be primed before use.

Bronze bodied pump with integral bypass, suitable for clean liquids only. 3/4" BSP connections with hose tails for 12mm (1/2") or 20mm (3/4") tube, reversing motor, self-priming.

Model	Flow Rate (lit/h @0 bar)	Motor (kW)	Max pressure (bar)	Weight (kg)	Impeller	Max product temp (°C)	Thread size	Stockcode
JES M 5	2400	0.37	3.5	5	Plastic	40	1" BSP F in and out	93204
JES M 8	2400	0.60	4.1	7	Plastic	40	1" BSP F in and out	93208
JEM 80	4200	0.55	4.1	11	Plastic	40	1 1/4" BSP F in / 1" BSPF out	93205
Lowara HMS	2,500	0.30	8	7	S/S	110	1 1/4" BSP F in / 1" BSPF out	93215
Bronze bodied	1500	0.37	2	6	Plastic	40	3/4" BSPM with 12mm or 20mm hositails	93206



JES type



Lowara HT



Bronze bodied



### Pump Trolley

Painted steel trolley with plastic wheels for use with the centrifugal pumps.

Stockcode 93302



### Europump

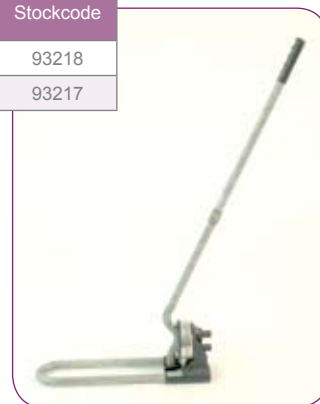
A small hand-held plastic self-priming pump designed for use with containers up to approx 50 lit. capacity; 230V motor, 5 lit per minute max., supplied with tube. Also useful for removing the remnants of wine from the lees in larger tanks.

Stockcode 93207

### Hand-operated diaphragm pumps

These pumps are ideal for use where there is no electrical supply and where a relatively modest amount of liquid is to be pumped. Typical capacity of 1000 litres per hour – subject to operator.

Type	Capacity (lit/h)	Hose connection	Stockcode
Floor stand	1000	20	93218
Barrel pump	1000	32	93217



### Pump remote control system.

This is invaluable for situations where there is no line of sight between the pump and the delivery vessel. The pump operator can switch the pump on and off from a distance of between 30 – 80 metres, subject to obstructions. This saves a lot of running about and damage to pumps through dry running. The kit consists of a control box which is fitted in the pump power supply and a pocket sized remote control.

	Voltage (V)	Stockcode
Single phase	230	93303
3 phase	400	93304



### Level controllers

A level controller can be used to automatically operate a pump when a vessel is nearly full and to switch off the pump when the vessel is nearly empty. This system is particularly useful with wine and juice pressing equipment where there is a risk of collection vessels overflowing.

The pump is operated through a control box connected to the power supply and to a low voltage sensor attached to the liquid product vessel. Single phase and three phase versions available.

	Voltage (V)	Stockcode
Single phase	230	93305
3 phase	400	93306



### PRESSURE WASHER

For all cleaning applications in drink production areas: tanks, floors, walls, machinery etc. Shift stubborn dirt and reduce cleaning chemical consumption. Compact, portable model complete with adjustable high pressure lance, pressure indicator, 1/2" inlet hose connector and car cleaning brush.

	Max water pressure (bar)	Stockcode
Jet 1800	100	99152
Jet 6000	130	99126

