



The Versatile Coolant Management Machine

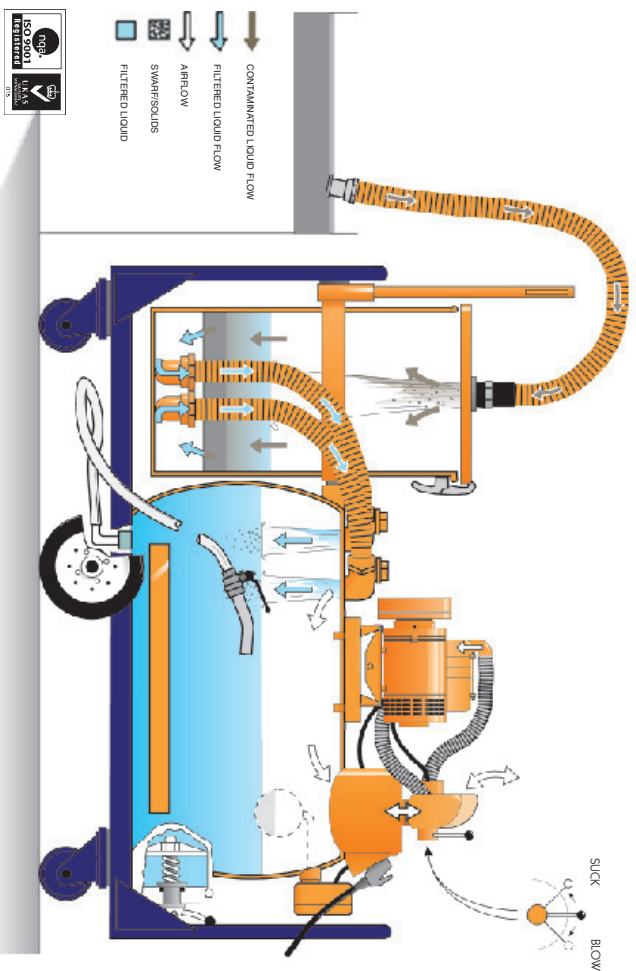
The Freddy Mk 5 is the latest version of a machine that has developed over 40 years and has always been the leader in its class. Its extraordinary versatility makes it still indispensable in today's modern machine shop.

All units are designed to remove coolant, swarf and oil from machine tool sumps, to separate the particulates and to return filtered coolant for re-use or disposal.

The mobile units are available from 310 litre to 1000 litre with powered traction, pedestrian or tow-bar options.

Our considerable experience enables us to cater for specific customer applications, designing and supplying bespoke products.

For free on-site demonstrations please contact us on 01386 561113.



SUCTION AND RETURN

Suction rate of the Mk 5 is over four litres per second. The return rate is approximately two litres per second.

TIPPING FILTER

The Mk 5 tipping filter facility enables quick and easy removal of the 60 litre filter basket.

OVERFILL PREVENTION SYSTEM

A float assembly automatically stops suction when the tank is full, protecting the motors.

MOTOR ASSEMBLY

Motors and blowers create a vacuum for suction and pressure for return. Available in 110 volt, 240 volt, 415 volt and 48 volt DC options.

FOUR WAY VALVE

To change from suck to blow simply move the four-way valve lever. The machine is immediately put into return mode, without having to stop the motors.

PAINTWORK AND HOSES

The paintwork and hoses meet British standard oil and acid resistant specification.

Freddy Mk5

Power Unit	Water Gauge mm	Air Flow ltr/min	Water Flow IN ltr/min	Water Flow OUT ltr/min	500 ltr Height mm	310 ltr Height mm
110v 2kw	3250	2100	235	130	1450	245
240v 3kw	3600	3000	265	130	1350	250
415v 4kw	3600	3800	260	110	1550	280
415v 5.5kw	4520	4500	250	140	1750	295
415v 7.5kw	3580	5900	330	130	1750	300
415v 11.0kw	3580	11,500	330	130	1820	315

All above units: Length 1950 mm, Width 500 ltr 770 mm, 310 ltr 670 mm.

Freddy Mk5 Battery propelled Mains operated 500 litre

Power Unit	Water Gauge mm	Air Flow ltr/min	Water Flow IN ltr/min	Water Flow OUT ltr/min	Length mm	Width mm	Height 500 ltr mm	Weight 500 ltr kg
415v 4kw	3600	3800	260	110	2980	770	1620	625
415v 5.5kw	4520	4500	250	140	2980	770	1750	640
415v 7.5kw	3580	5900	330	130	2980	770	2020	645
415v 11.0kw	3580	11,500	330	130	2980	770	2020	655

Freddy Mk5 Battery propelled Battery operated 500 litre

Power Unit	Water Gauge mm	Air Flow ltr/min	Water Flow IN ltr/min	Water Flow OUT ltr/min	Length mm	Width mm	Height 500 ltr mm	Weight 500 ltr kg
48v DC 1.5kw	2500	2600	200	116	2980	770	1620	870

Freddy Mk5 Battery propelled Battery operated 1000 litre

Power Unit	Water Gauge mm	Air Flow ltr/min	Water Flow IN ltr/min	Water Flow OUT ltr/min	Length mm	Width mm	Height 500 ltr mm	Weight 500 ltr kg
48v DC 1.5kw	2500	2600	200	116	2980	1140	1930	895

All performance figures are taken from machines selected at random from stock, using standard length hoses and tested at ground level. Performances have a tolerance of $\pm 10\%$ and refer to free atmospheric air at 1 bar (abs) and 20 °C.

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