



Freddy Products Ltd

# Freddy Mark V





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The **Freddy Mark V** is the largest, and latest variant of a machine that has been in constant development at Freddy over the last 50 years, ensuring it continues to deliver class leading performance. Its extraordinary versatility still makes it indispensable in today's modern machine shop.

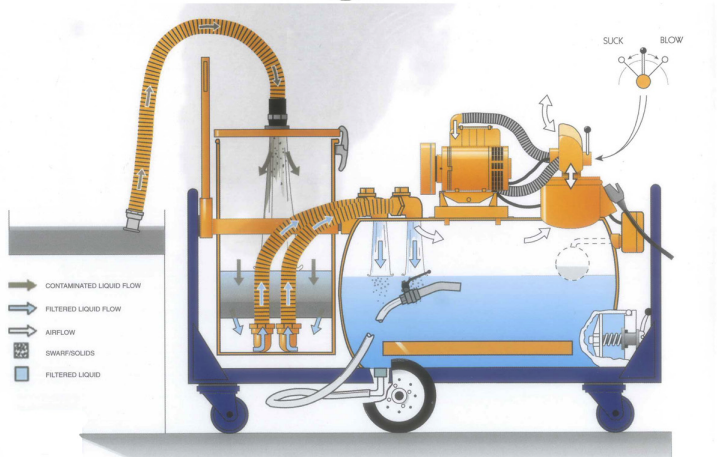
All units are designed to remove coolant, swarf and oil from machine tool sumps, to separate the particulates and to return filtered coolant for re-use or disposal.

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 our specific customer applications, designing and supplying bespoke products.

All machines of 1000 litres and above are available in towed versions up to 2000 litres in size using onboard vacuum and return pumps along with a tipping filter assembly.

The units can be towed by either tow tug, fork lift truck or tractor. A fully road legal version is also available.



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 +/- 10% and refer to free atmospheric air at 1 bar (abs) and 20°C

### Technical Specifications

| Machine                              | Power Unit   | Water Gauge mm | Air flow ltr/min | Water flow IN ltr/min | Water flow OUT ltr/min | 500 ltr Height x Length x Width mm | 500 ltr weight | 300 ltr Height x Length x Width mm | 300 ltr weight |
|--------------------------------------|--------------|----------------|------------------|-----------------------|------------------------|------------------------------------|----------------|------------------------------------|----------------|
| Freddy MkV                           | 110v 2kw     | 3250           | 2100             | 250                   | 130                    | 1450x1950x770                      | 245            | 1320x1950x670                      | 232            |
| Freddy MkV                           | 240v 3kw     | 3600           | 3000             | 265                   | 130                    | 1350x1950x770                      | 250            | 1220x1950x670                      | 237            |
| Freddy MkV                           | 415v 4kw     | 3600           | 3800             | 260                   | 110                    | 1550x1950x770                      | 280            | 1420x1950x670                      | 267            |
| Freddy MkV                           | 415v 5.5kw   | 4520           | 4500             | 250                   | 140                    | 1750x1950x770                      | 295            | 1620x1950x670                      | 282            |
| Freddy MkV                           | 415v 7.5kw   | 3580           | 5900             | 330                   | 130                    | 1750x1950x770                      | 300            | 1620x1950x670                      | 287            |
| Freddy MkV                           | 415v 11kw    | 3580           | 11500            | 330                   | 130                    | 1820x1950x770                      | 315            | -                                  | -              |
| Freddy MkV battery propelled mains   | 415v 4kw     | 3600           | 3800             | 260                   | 110                    | 1620x2980x770                      | 625            | -                                  | -              |
| Freddy MkV battery propelled mains   | 415v 5.5kw   | 4520           | 4500             | 250                   | 140                    | 1750x2980x770                      | 640            | -                                  | -              |
| Freddy MkV battery propelled mains   | 415v 7.5kw   | 3580           | 5900             | 330                   | 130                    | 2020x2980x770                      | 645            | -                                  | -              |
| Freddy MkV battery propelled mains   | 415v 11kw    | 3580           | 11500            | 330                   | 130                    | 2020x2980x770                      | 655            | -                                  | -              |
| Freddy MkV battery propelled battery | 48v DC 1.5kw | 2500           | 2600             | 200                   | 116                    | 1620x2980x770                      | 870            | -                                  | -              |
| Freddy MkV battery propelled battery | 48v DC 1.5kw | 2500           | 2600             | 200                   | 116                    | 1930x2980x1140                     | 895            | -                                  | -              |

### Features & Benefits

#### 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.

#### Overflow 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.