

AVS<sup>®</sup>

# Filtramag<sup>+</sup>

Mobile Filtration Unit

Simple, Versatile, Convenient, "Off-Line" Fluid Polishing



 ECLIPSE  
MAGNETICS

The **Filtramag+** mobile unit is an **off-line** filtration system for polishing oils and coolants. Featuring the high performance **Filtramag+** magnetic filter, this “**plug and play**” unit offers efficient **sub-micron filtration** and can be moved easily from machine to machine.

Supplied with an integral pump, spare magnetic core and connection hoses, the **Filtramag+** mobile unit provides **24/7 filtration** on a multitude of machining applications. The unit also features an integral cleaning station with built in waste containers, making it easy to collect ferrous contamination for recycling.

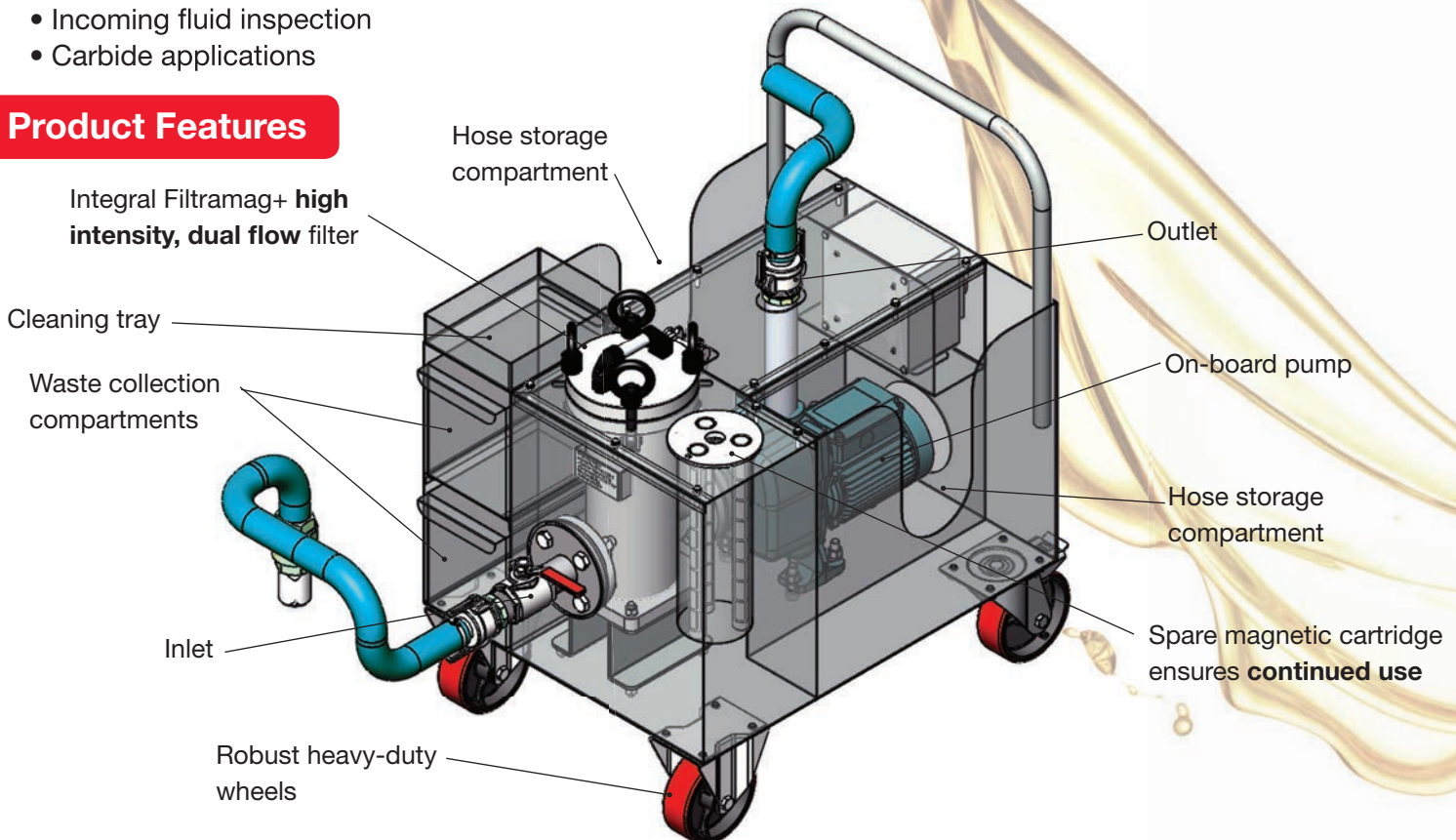
## Benefits

- Simple, “**Quick-Connect**” installation
- High performance, **sub-micron filtration**
- Cleaner, **longer lasting fluids**
- **Cost savings** in disposable filter usage
- Improved surface **finish** and **accuracy**
- **Reduced waste** disposal and oil wastage

## Typical Applications

- Ferrous machining processes
- Tank draining
- Tank cleaning
- Overnight fluid polishing
- Additional filtration
- Incoming fluid inspection
- Carbide applications

## Product Features







## Product Specifications

### Performance

**Maximum flow rate:** 250 litres per minute

**Magnetic performance:** 4,000 Gauss (standard),  
11,000 Gauss (optional)

**Contamination collection capacity:** 3kgs

**Operating temperature:** -5°C to 60°C

**Maximum suction height:** 12.9m



### Construction

**Magnet material:** Rare Earth Neodymium Iron Boron (NdFeB)

**Magnet grade:** N35 (standard), N45 (optional)

**Filter housing:** 304 grade stainless steel (powder coated)

**Unit body:** Mild steel (painted)

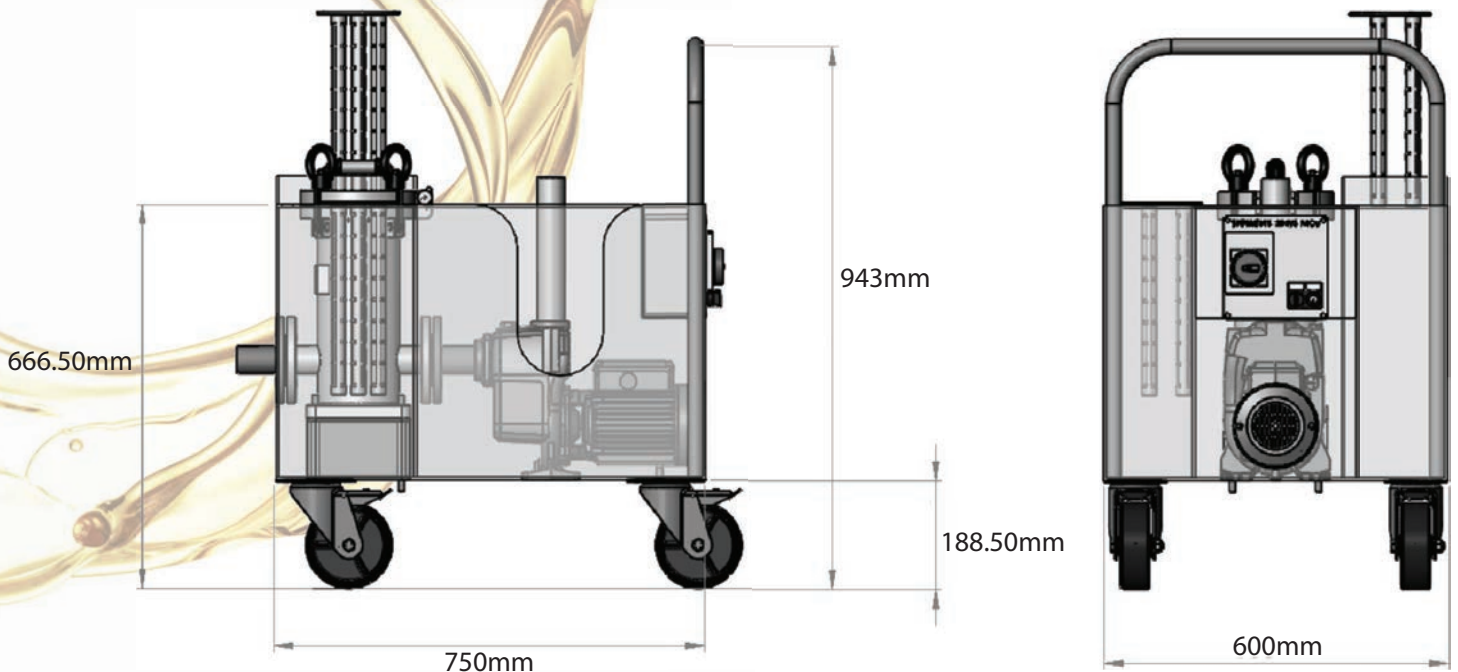
**Pump:** Self priming AM 40-110B, single phase, 230V, 50HZ

**Power:** 13 amp, 3 pin socket (other options available)

**Hoses:** 3m long inlet and outlet hoses included, made from oil resistant PVC material, supplied with Cam lock connections



## Technical Data



In addition to Filtramag+ Mobile we also offer a range of other filtration options:-

**Micromag**



Flow rates  
up to  
**150 litres**  
per minute

Compact magnetic filter for standard machine filtration, smaller wash stations.

**Filtramag+**



Flow rates  
up to  
**500 litres**  
per minute

Filtramag+ is ideal for use in harsh chemical environments and wash systems.

**Automag**



Flow rates  
up to  
**1800 litres**  
per minute

The fully automated unit with integral waste reclaim. Ideal for 24/7 high volume single or multi-cell machining applications.

**AM32 Skid Engineered Solution**



Flow rates  
from  
**1200 - 20000+**  
litres  
per minute

For large scale wash system applications. Fully automated cleaning system.

**Ultrafiltrex**



**PIPELINE  
PROTECTION**

The high performance solution for gas and oil pipeline corrosion.

**BoilerMag**



**HEATING  
SYSTEM  
PROTECTION**

Removes black iron oxide from heating and cooling systems, improving efficiency, reducing CO2 emission and protecting boilers.

