METCLEAN

METCLEAN SALES AND TRAINING GUIDE

CLEAN WATER EVERY WASH

How the METclean filtration system keeps the wash water clean, wash after wash. Three stages on the XL, XL Multi and S. Two stages on the E and V.

- CENTRE PICK UP
- 50 MICRON BAG FILTER
- 25 MICRON STAINLESS MESH
- LIFETIME FILTERS

> **THE QUESTION CUSTOMERS ASK**
>
> *If the water goes round and round, how does the DPF get cleaned with clean water and not dirty water?*

MOBILE ECO TUNING

Designers and suppliers of METclean DPF cleaning machines

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Unit 45, Lynx Crescent, Weston-super-Mare, BS24 9DJ

WHY IT MATTERS

01 DIRTY WATER CANNOT CLEAN A DPF

Every METclean machine recirculates its wash water. The soot and ash washed out of one filter go back into the tank. Without proper filtration, that dirt would be pumped straight back into the next DPF. The filtration system is what makes sure only clean water reaches the wash.

SOOT FLOATS

Loose soot is light. Once it is back in the tank it rises and floats on the surface of the water.

ASH SINKS

Ash is heavy. It drops through the water and settles in the sump at the bottom of the tank.

THE KEY POINT

That leaves the **cleanest water in the middle of the tank**. This is exactly where every METclean machine picks up its water from, before it even reaches a filter.

HOW IT WORKS

02 THREE STAGES OF FILTRATION

01

CENTRE SUCTION FILTER

Draws water from the centre of the clean water tank, away from the floating soot on top and the ash in the sump.

ALL MODELS

02

50 MICRON BAG FILTER

Water is pumped under pressure, 1.5 to 3 bar, through a 50 micron bag that catches fine soot and ash.

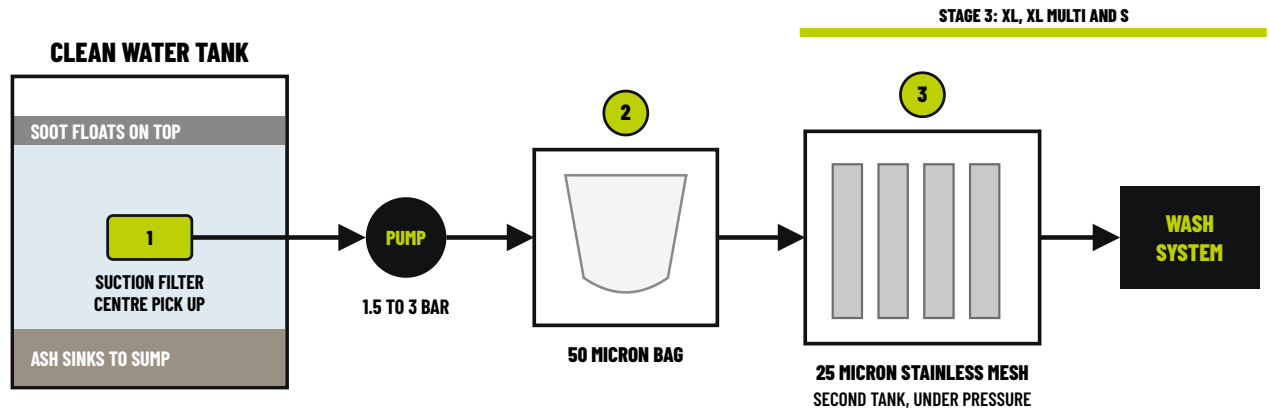
ALL MODELS

03

25 MICRON STAINLESS MESH

Still under pressure, the water goes into a second tank and through a series of 25 micron stainless steel mesh filters.

XL, XL MULTI AND S



The water path from tank to wash. On the E and V, water goes from the 50 micron bag filter straight to the wash system.

THE HARDWARE

03 THE FILTERS INSIDE



25 MICRON STAINLESS STEEL MESH (LEFT)

Fitted as a set in the pressurised second tank on the XL, XL Multi and S. Built to last the life of the machine. Clean every 10 to 15 washes and refit. No replacement cost.

50 MICRON BAG FILTER (RIGHT)

Fitted to every model. The only consumable in the system. Replace every 10 to 15 washes.

WHICH MACHINE HAS WHAT

STAGE	XL	XL MULTI	S	E	V
1. Centre suction filter	YES	YES	YES	YES	YES
2. 50 micron bag filter, 1.5 to 3 bar	YES	YES	YES	YES	YES
3. 25 micron stainless mesh, pressurised tank	YES	YES	YES	NO	NO

SELLING POINTS

- **Clean water into every DPF.** Water is picked up from the cleanest part of the tank and filtered before it reaches the wash.
- **Down to 25 micron on the XL, XL Multi and S.** A second pressurised stage gives the water a final polish.
- **Stainless steel filters for life.** The 25 micron mesh filters are cleaned and refitted, never thrown away.
- **Low running costs.** The 50 micron bag is the only filter that needs replacing.
- **Long water life.** With the filters looked after, the wash water lasts 30 to 40 washes before a change.

TRAINING TIP

When demonstrating a machine, show the customer where the suction filter sits in the tank. Explaining that **soot floats and ash sinks** is the quickest way to make the centre pick up make sense.

LOOKING AFTER IT

04 MAINTENANCE AND WASTE

A few simple routines keep the filtration working and the wash water clean.

ITEM	INTERVAL	WHAT TO DO
Wash water	Every 30 to 40 washes	Drain, dispose of correctly and refill with fresh water. Change much sooner if oil is present.
50 micron bag filter	Every 10 to 15 washes	Replace. Change sooner if oil is present.
25 micron stainless mesh	Every 10 to 15 washes	Remove, clean and refit. Clean sooner if oil is present.
Soot and ash from the tank	When scraped out	Dispose of using a licensed waste carrier.

OIL CONTAMINATION

The METclean system is **not designed for oil**. Any oil in a DPF ends up in the tank and coats the filters. If oil is present, the water must be refreshed and the filtration cleaned much sooner than the normal intervals. The more oil, the sooner it needs doing.

DISPOSING OF WASTE

- **Used wash water** must be disposed of by an authorised and licensed waste fluid company.
- **Soot and ash** scraped from the tank must be disposed of using a licensed waste carrier.

QUESTIONS ABOUT YOUR MACHINE?

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METclean is a brand of Mobile Eco Tuning, Unit 45, Lynx Crescent, Weston-super-Mare, BS24 9DJ. Wash and filter intervals are a guide and depend on how heavily the machine is used and on the condition of the filters being cleaned.