

# VITO Coolant filter

## Coolant lubricant care and filter



MADE IN GERMANY

**Ensures quality of coolant**  
**Increases tool life**  
**Saves costs**



# Industrial fluid care and filter from Germany

# The VITO AG - excellence in filtration

Founded in 2001, the company became a global player in the sector of portable filtration systems and is used in over 50.000 businesses, spread across more than 150 countries.

Apart from the headquarters in Tuttlingen (Germany), the company established branches in Hürth (Germany), Dubai (U.A.E.), Orlando (USA) and Santa Lucia Di Piave (Italy). Core values, such as motivation, team spirit, cooperation and environmental awareness, have always been of highest importance for the dynamic and innovative team from the beginning.

With decades of experience and the maximum growth in the hospitality sector, the company took up a long-standing idea and decided, to expand the range of customers to the manufacturing sector.

## 100% Made in Germany



All VITO filter systems are produced in the headquarters in Tuttlingen. In accordance with high quality standards, our specialists carefully check the composition of products through the entire production process. Furthermore, the VITO AG's quality and environmental management are both ISO certified (ISO 9001 & ISO 14001), therefore only products which meet highest standards are leaving our facilities. The top quality of the VITO systems is confirmed by thousands of satisfied customers. They benefit from sustainably manufactured products and use them daily in the most demanding operations.

# Your operation - Your challenges

## Industrial fluid

### Tasks

- Greasing
- Cleaning
- Cooling
- Corrosion control

### Challenges

- Increased tool wear
- High maintenance costs
- Forming and multiplication of bacteria and fungus
- Fluctuating production quality

### Targets

- Increased surface quality
- Protection of tools
- Decrease of operation costs
- Protection from illnesses

# Your solution - The VITO product line

The VITO product line supports you with your coolant lubricant management. VITO cleans and ventilates your coolant lubricant to ensure its optimal quality. Due to the extended service life and the decreased tool wear, you achieve a reduction of your operating costs as well as a consistent quality of your workpieces.



**BEST  
SELLER**

- 💧 configurable
- 💧 suitable for any basin
- 💧 automatic pulse filtration

**VITO 90**

Filtration of large  
volumes of coolant  
lubricants



**VITO XM**

Filtration, storage  
and transportation of  
coolant lubricants

# How does VITO work?

Using a cellulose filter, the patented pressure-flow-filtration of the VITO removes chips and solids from your emulsion, oil, watery solution or washing bath. Furthermore, the filtration process decreases the forming of bacteria and fungus. The mechanical microfiltration only takes a few minutes.

## Your benefits with VITO

- Decreased tool wear
- Reduction of CO<sub>2</sub> emissions
- Prevent the forming of bacteria and germs
- Maintain the performance through better cleaning and ventilation



**Ensures quality of coolant**



**Increases tool life**



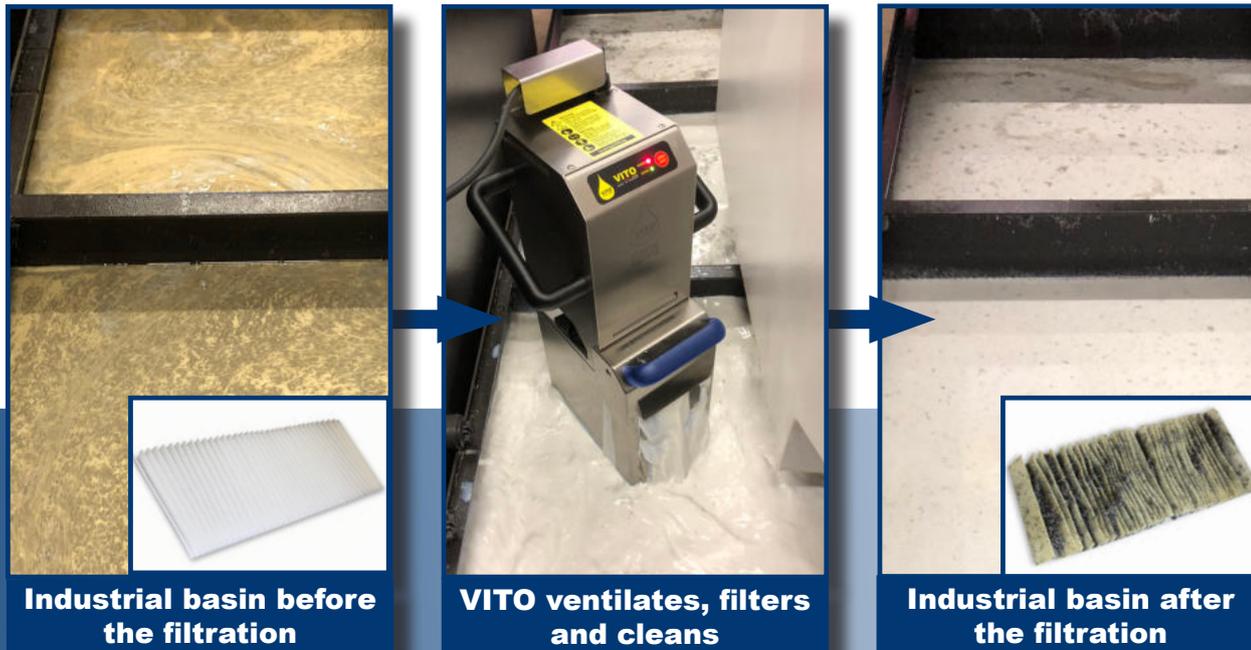
**Saves costs**

# VITO – The filtration process

The VITO is placed directly into the basin. The circulation created by the machine removes chips and microparticles up to  $5\ \mu\text{m}$  ( $200\ \mu\text{in}$ ) from your fluid and keeps it ventilated to prevent the growth of fungus and bacteria.

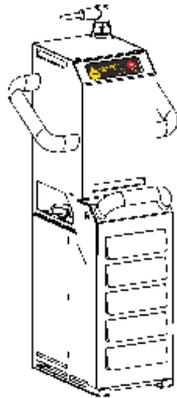


The diagram below illustrates the process and effect of the VITO:



# VITO – Machine and filter

Thanks to the polyester cellulose filter, the VITO removes micro particles down to 5 µm. Even the finest dust is removed from your coolant lubricant. Furthermore, as a result, the critical parameters that lead to the formation of bacteria and fungi are also positively influenced.



■ made  
■ in  
■ Germany



## The machine:

- 💧 Pressure-flow-filtration
- 💧 Filtration power up to 90 L / 198 lbs per minute
- 💧 Adjustable cycle time
- 💧 Automatic pulse filtration available

## The filter:



- 💧 Polyester cellulose filter
- 💧 Filtration grade 20 µm (785µin) nominal / 5 µm (200µin) effective
- 💧 Surface of the filter 0,25 m<sup>2</sup> / 2.69 sqft
- 💧 Grammage of 100 g/m<sup>2</sup> / 0.020 lbs / sqft

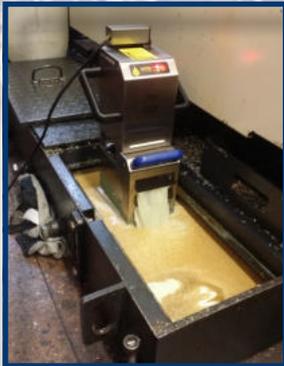
# VITO – Design and durability

VITO was specially developed to ensure compact, practical, efficient and flexible application in your business. The portable systems are lightweight and can be carried. The mobile system is built on wheels to provide a coolant lubricant management for even hardly accessible areas and basins. The machines are built with quality raw materials from certified and hand picked suppliers. Even at temperatures of over 100°C (212°F), the VITO runs smoothly thanks to high-quality components.



**What the VITO brings along:**

- Compact and practical design
- Performance and flexibility
- Efficiency and profitability



# VITO 90 - Technical details



**Configuration menu**  
Adapt VITO to your personal needs (Wi-Fi capable device necessary)



**VITO 90**

	<b>Filtration power</b>	<b>Filtration efficiency</b>	<b>Particle uptake</b>	<b>Cycle time</b>	<b>Suction depth</b>	<b>Weight</b>	<b>Temperature medium</b>	<b>Material VITO</b>	<b>Particle filter</b>	<b>Max. power</b>	<b>Wi-Fi capable</b>	<b>Pulsed filtration</b>
<b>VITO 90</b>	up to 90 l/min 198 lbs/min	nom. 20 µm (785µin) / eff. 5 µm (200µin)	2,5 l 5.5 lbs	10 min adjustable	~ 45 cm ~ 17.7 in	9,2 kg 20.3 lbs	max. 200 °C max. 392 °F	Stainless steel 1.4301	Polyester cellulose	500 W	✓	✓

# VITO XM - Technical details



Adjustable top handle



	<b>Filtration power</b>	<b>Filtration efficiency</b>	<b>Particle uptake</b>	<b>Pumping capacity</b>	<b>Tank</b>	<b>Weight</b>	<b>Temperature medium</b>	<b>Material VITO</b>	<b>Particle filter</b>	<b>Wi-Fi capable</b>	<b>Pulsed filtration</b>
<b>VITO XM</b>	up to 30 l/min up to 66 lbs/min	nom. 20 µm (785µin) / eff. 5 µm (200µin)	10,7 l 23.6lbs	35 l/min 77 lbs/min	75 l 137 lbs	55,8 kg 123 lbs	max. 200 °C max. 392 °F	Stainless steel 1.4301	Polyester cellulose	<b>X</b>	<b>X</b>



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## The VITO product line ...

- ... ensures the quality of your coolant
- ... increases the tool life of your machine
- ... helps you to save costs



Manufacturer  
**VITO AG**  
Eltastr.6, 78532 Tuttlingen  
P +49 (0) 7461 / 1508050  
F: +49 (0) 7461 / 1508051  
info@vitofilter.com  
www.vitofilter.com

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