



cleaning
systems
for liquids

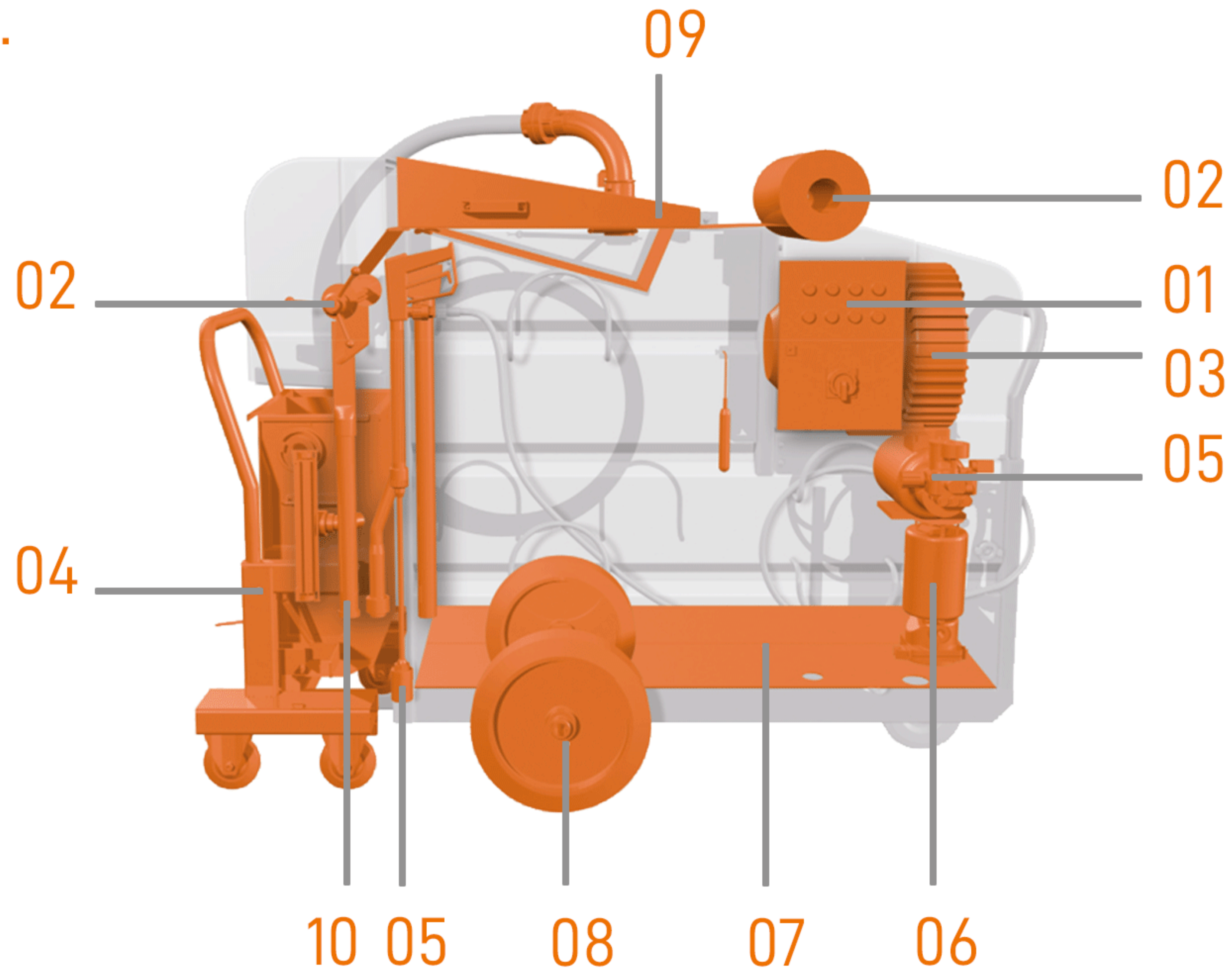


Suction & Filter Carts

Mobile cleaning systems for machines
and the filtration of industrial liquids

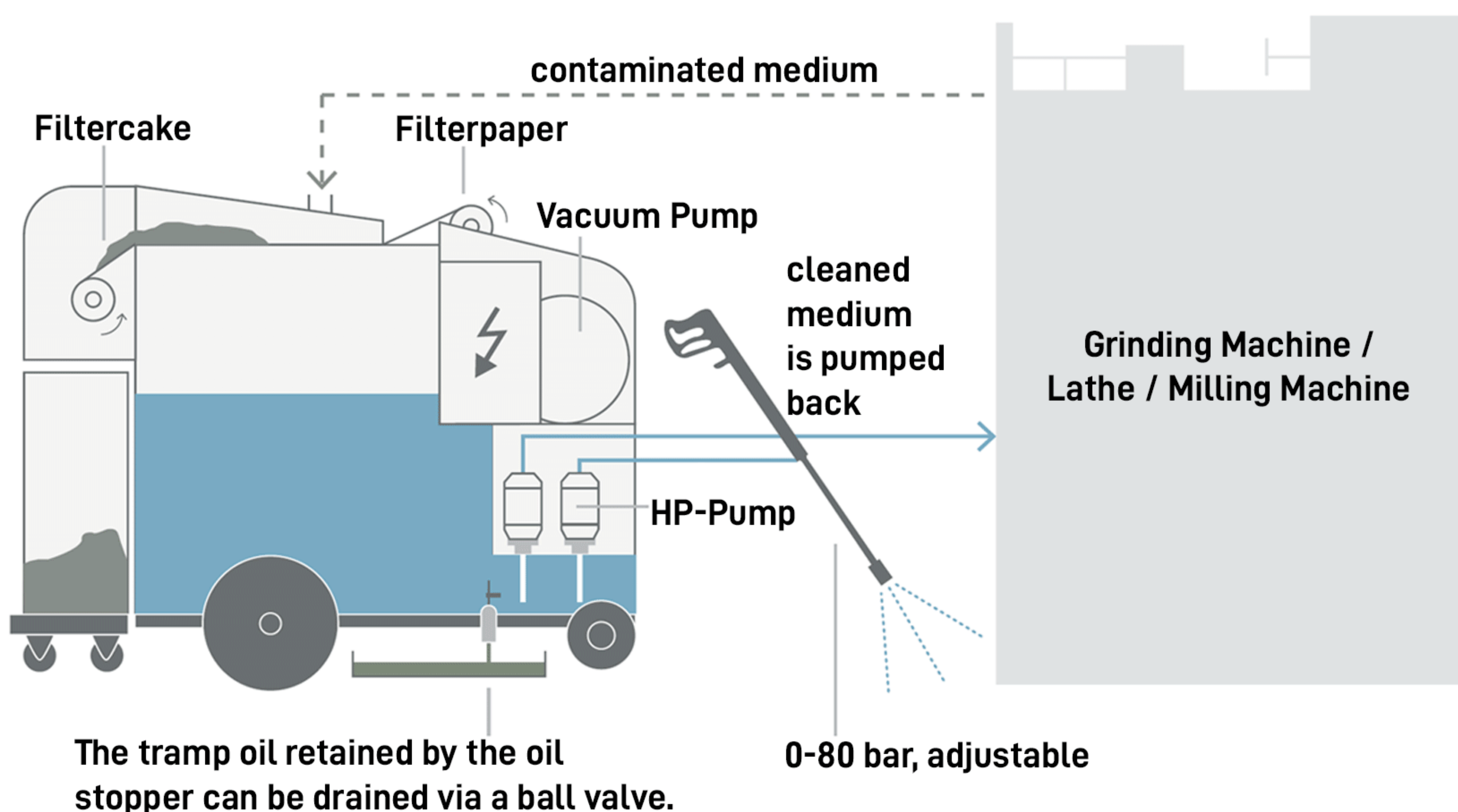
Intelligently designed - 10 technical highlights

Our suction and filter carts are perfectly designed and tailored to the needs of our customers. This guarantees effectiveness and time savings.

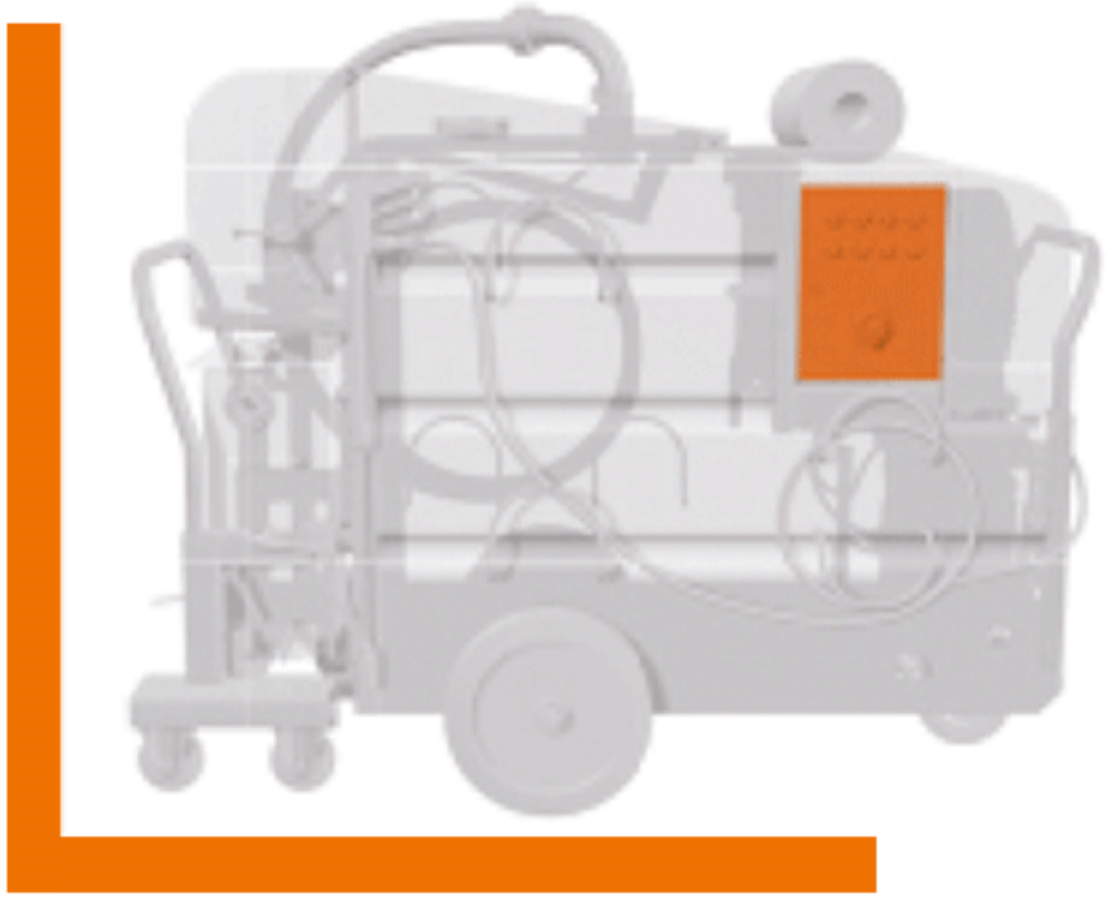


The MKR suction and filter carts feature the latest intelligent technology. During development, the focus was on efficiency and ease of use.

Powerful pumps and practical tools for quick cleaning and filtration contribute to making MKR suction and filter carts indispensable today.



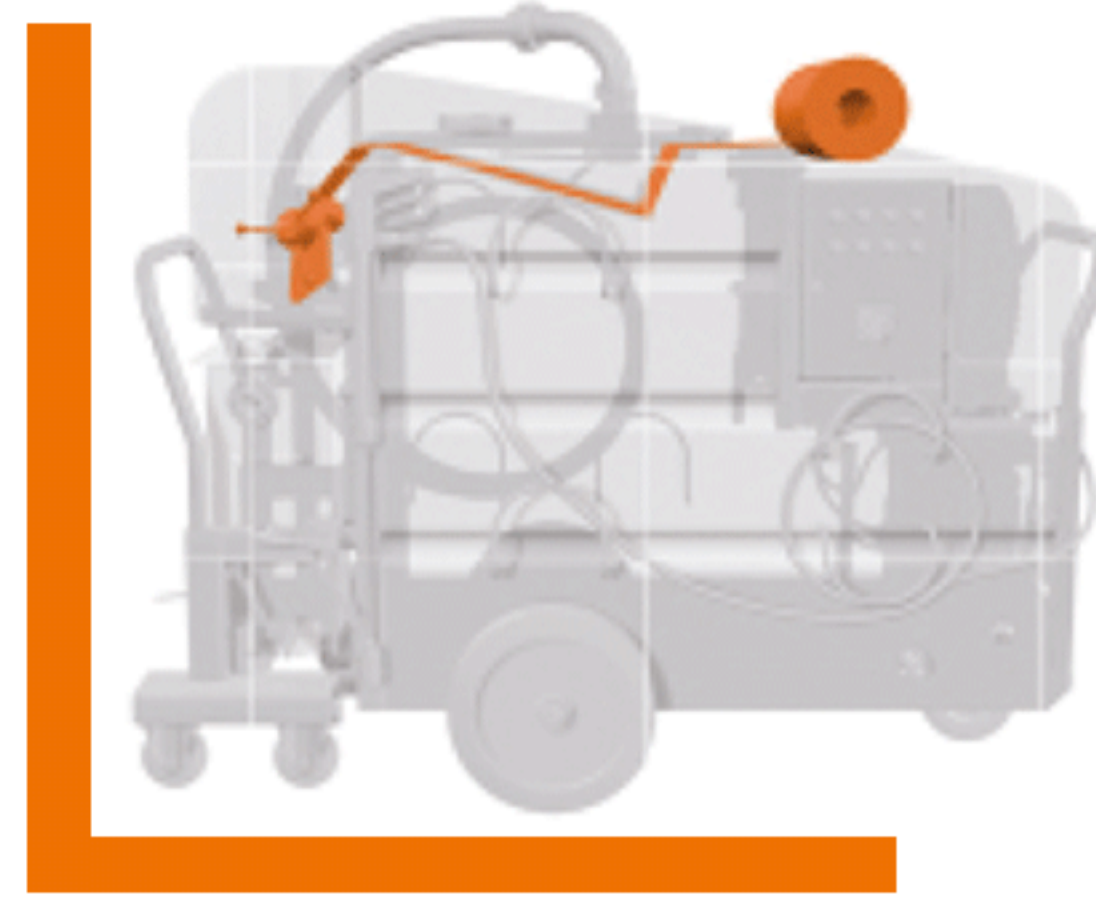
01



Easy operation

Simple & convenient operation of the three functions: suction, emptying and high-pressure cleaning.

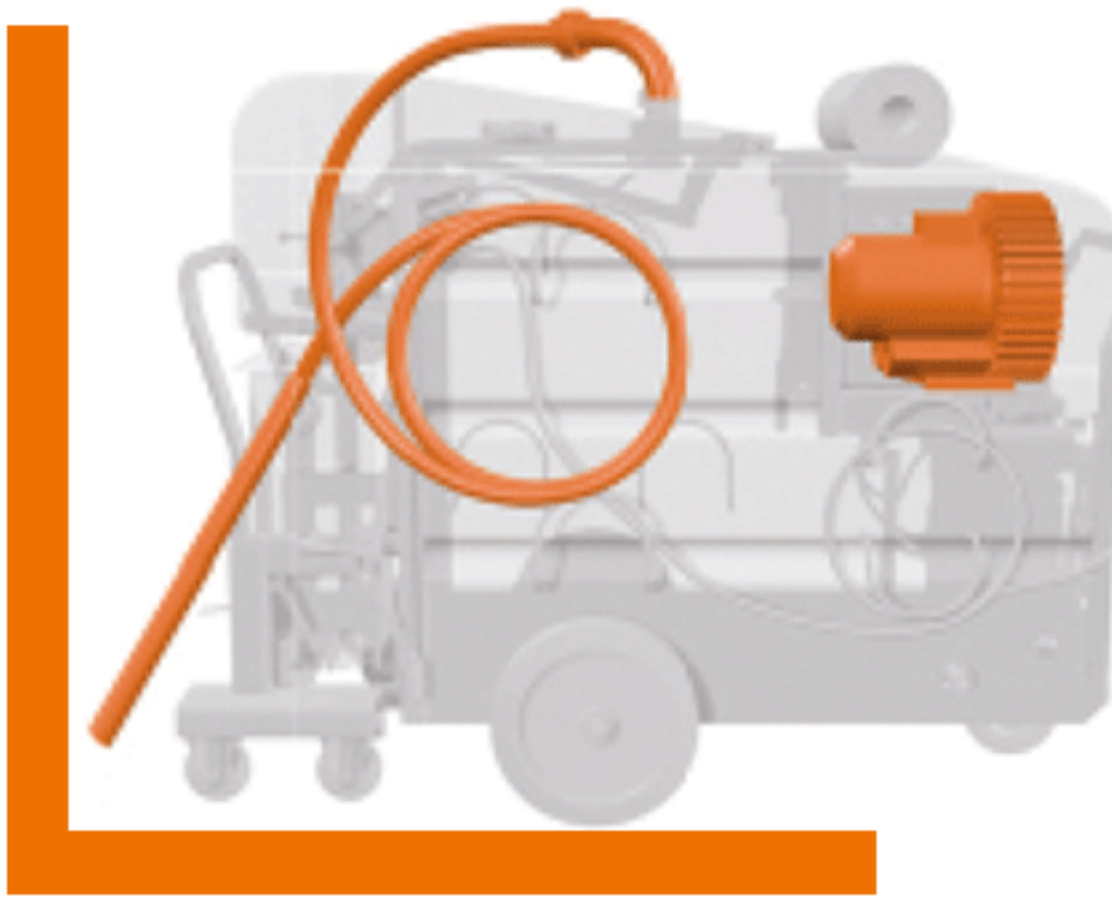
02



Variable filter fineness

Efficient filter fleece, replaceable with filter fineness of up to 30 µm and easy separation of the filter cake from the fleece.

03



Powerful vacuum pump

Powerful vacuum pump for extracting the process medium. Can also be combined with other functions.

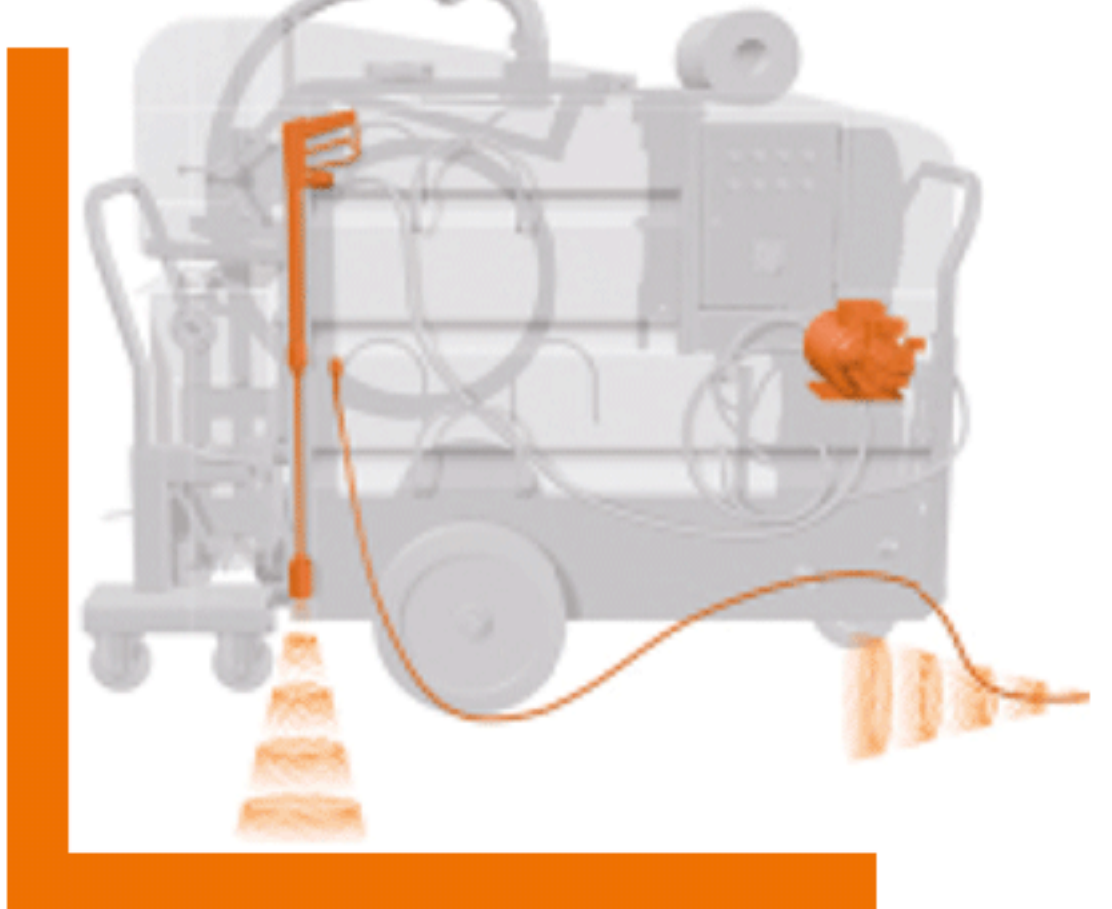
04



Convenient disposal

Integrated and mobile chip trolley (with forklift straps and swiveling) for convenient picking up and emptying.

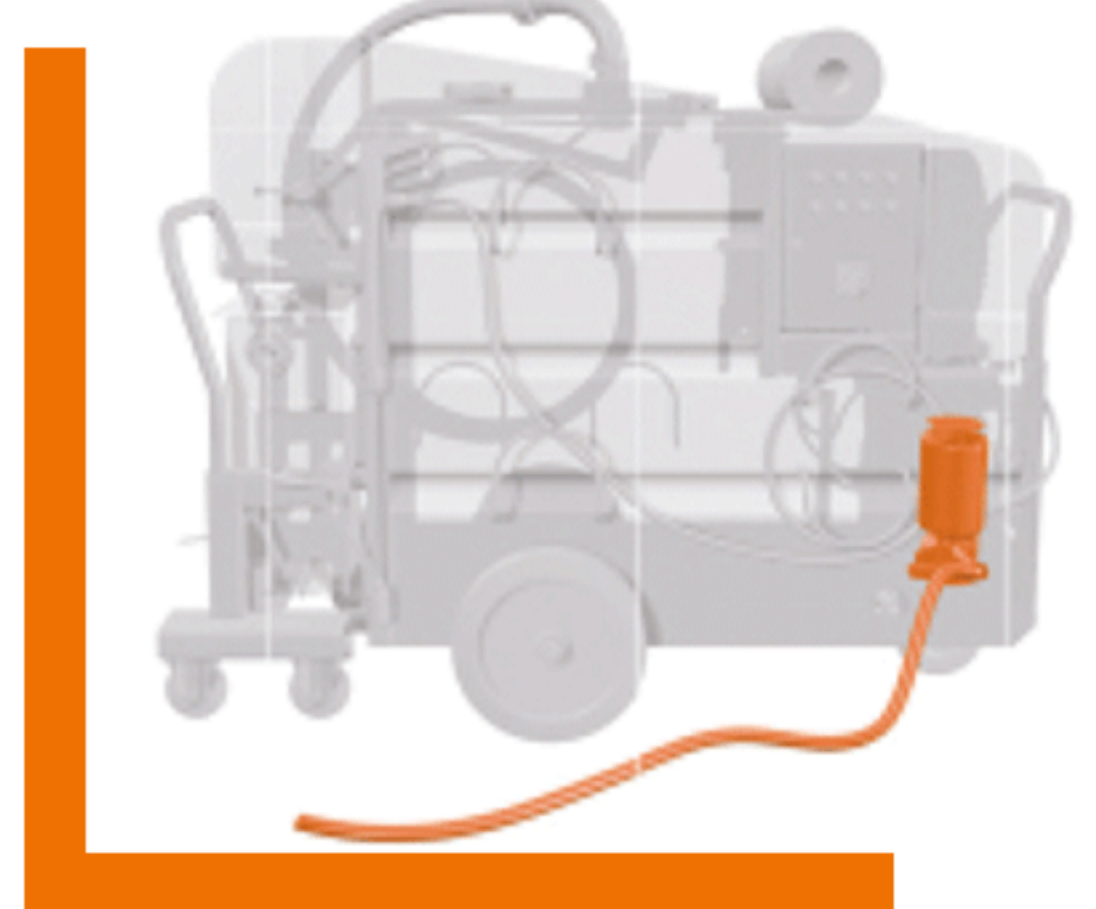
05



Powerful high-pressure pump

Powerful pump for high-pressure lance and cleaning hose. (variable from 20 to 80 bar)

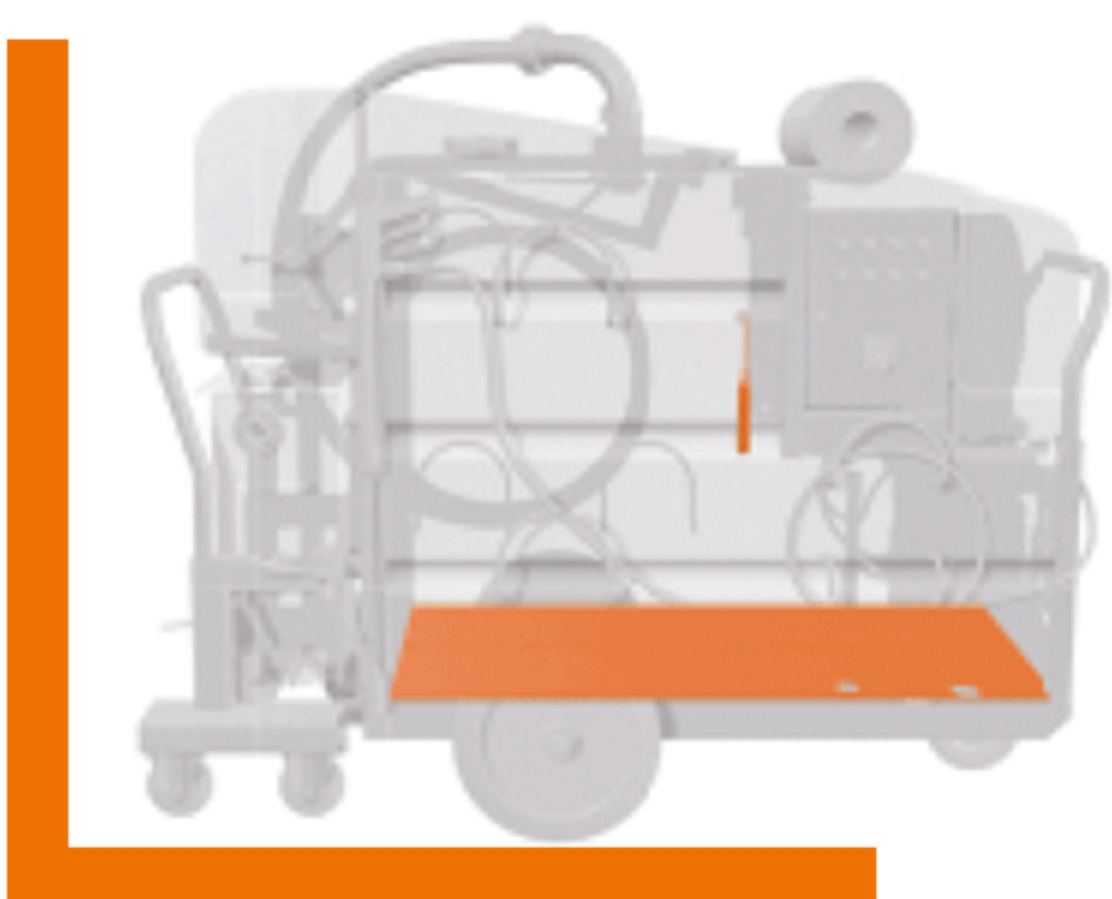
06



Efficient drain pump

Efficient drain pump for returning the cleaned medium to the production cycle (e.g. in a machine tool).

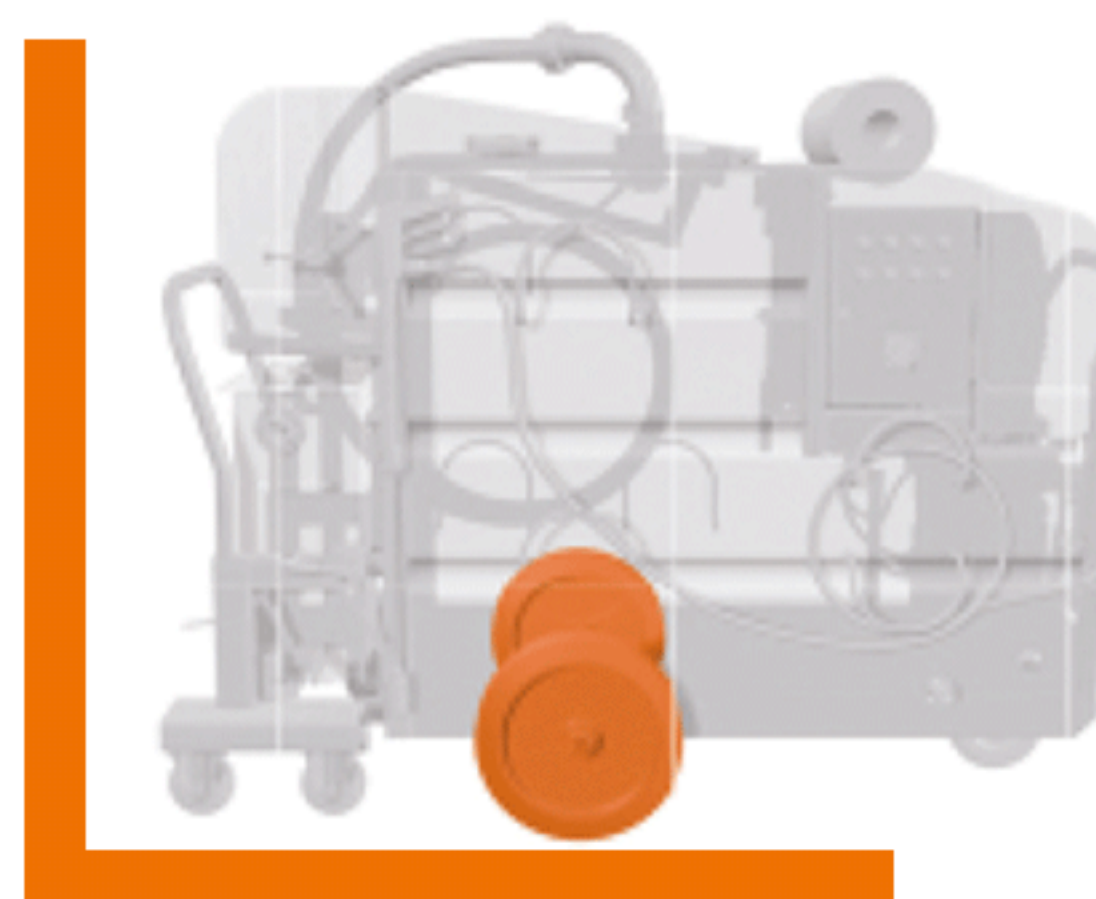
07



Comfortable emptying

Sloping bottom for complete emptying of the cleaned medium with integrated level sensor.

08



Optimal freedom of movement

Large wheels for optimal freedom of movement in the production facility on different surfaces.

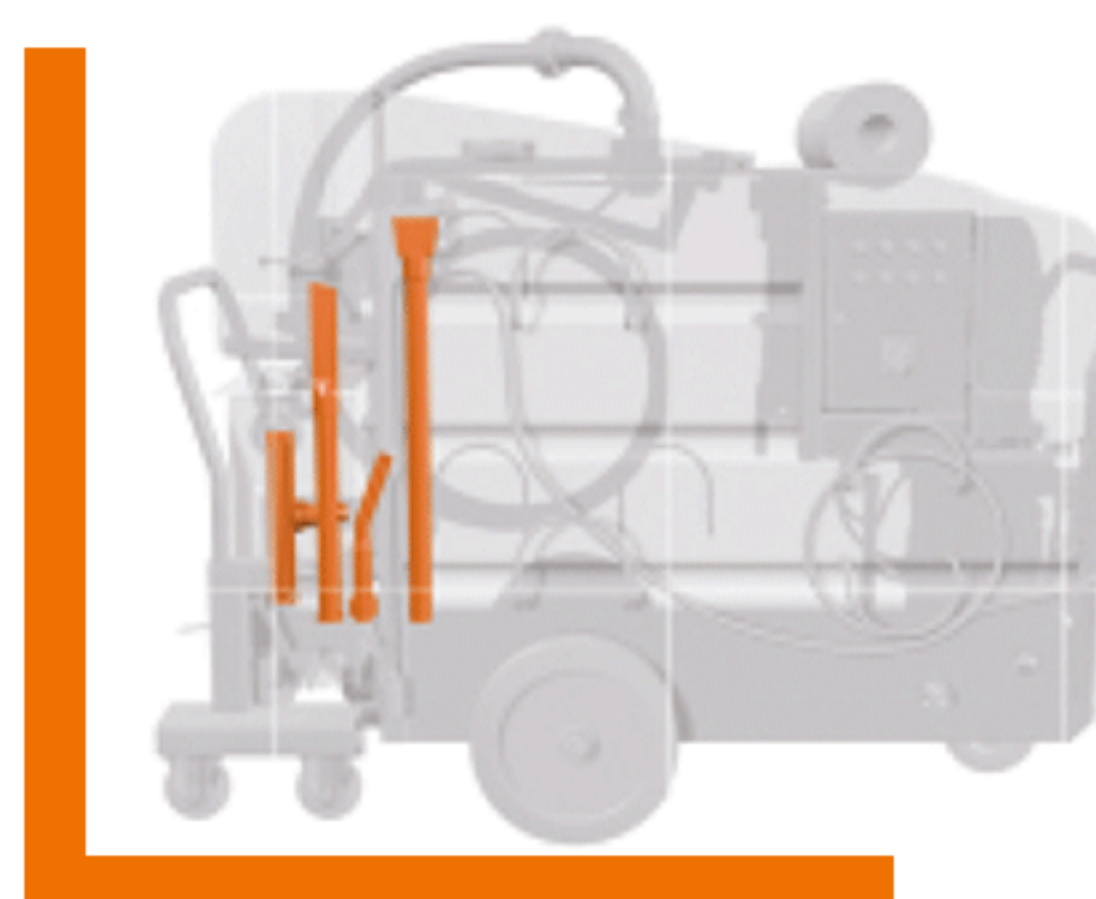
09



Easy cleaning

Best accessibility for easy cleaning of the device with optional cleaning opening/door.

10



Selection of suction nozzles

Large selection of different suction nozzles and attachments. Can be stored neatly and in a space-saving manner, including drip tray.



SF 250

Capacity	UNIT	VALUE
Main tank	approx. l	250
Swarf tray	approx. l	20

Dimensions

Length	mm	1750
Width	mm	725
Height	mm	1250
Empty weight	kg	310

Suction head (stat.) mm WS		2000
Suction capacity	l/min	125
Temperature	°C	< 50
pH-value	pH	5 – 9,5*
Power connection	V/A	230/16
1 phase, N and PE	Hz	50
Connected load	kW/A	2,5/16



SF 500

Capacity	UNIT	VALUE
Main tank	approx. l	500
Swarf remover	approx. l	60

Dimensions

Length	mm	2000
Width	mm	800
Height	mm	1600
Empty weight	kg	420

Suction head (stat.) mm WS		2800
Intake flow	l/min	250
Temperature	°C	< 50
pH-value	pH	5 – 9,5*
Power connection	VA	400/16
3 phases, PE	Hz	50
Connected load	kW/A	7/16



SF 700

Capacity	UNIT	VALUE
Main tank	approx. l	700
Swarf remover	approx. l	80

Dimensions

Length	mm	2400
Width	mm	920
Height	mm	1600
Empty weight	kg	560

Suction head (stat.) mm WS		3700
Intake flow	l/min	320
Temperature	°C	< 50
pH-value	pH	5 – 9,5*
Power connection	VA	400/16
3 phases, PE	Hz	50
Connected load	kW/A	7/16

*higher values on request



SF 1000 / 1500

Capacity	UNIT	VALUE
Main tank	approx. l	1000
Swarf remover	approx. l	80

Dimensions

Length	mm	2930/4240
Width	mm	920
Height	mm	1600
Empty weight	kg	690

Suction head (stat.) mm WS		3700
Intake flow	l/min	320
Temperature	°C	< 50
pH-value	pH	5 – 9,5*
Power connection	VA	400/16
3 phases, PE	Hz	50
Connected load	kW/A	7/16



SF 400 T

Capacity	UNIT	VALUE
Main tank	approx. l	400
Swarf remover	approx. l	80
Oil tank	approx. l	50

Dimensions

Length	mm	2900
Width	mm	910
Height	mm	1500
Empty weight	kg	865

Suction head (stat.) mm/WS		2600
Intake flow	l/min	250
Temperature max.	°C	< 50
pH-value	pH	5 – 9,5*
Power connection	V/A	400/16
3 phases, PE	Hz	50
Connected load	kW/A	5,5/13
Separator flow rate	l/h	800–3000
Separation particle size	µm	2 – 5



SF 500 S

Capacity	UNIT	VALUE
Main tank	approx. l	400
Clean tank	approx. l	160
Oil tank	approx. l	25
Swarf remover	approx. l	80

Dimensions

Length	mm	2700
Width	mm	920
Height	mm	1500
Empty weight	kg	630

Suction head (stat.) mm WS		2600
Intake flow	l/min	250
Temperature	°C	< 50
pH-value	pH	5 – 9,5*
Power connection	V/A	400/16
3 phases, PE	Hz	50
Connected load	kW	9/16
Separator flow rate	l/h	500
Separation particle size	µm	> 2

*higher values on request

Save time and money when cleaning machines

Fast complete cleaning of your machines with parallel filtration of the medium



up to 8 hours

laborious and time-consuming



about 0.5 hours

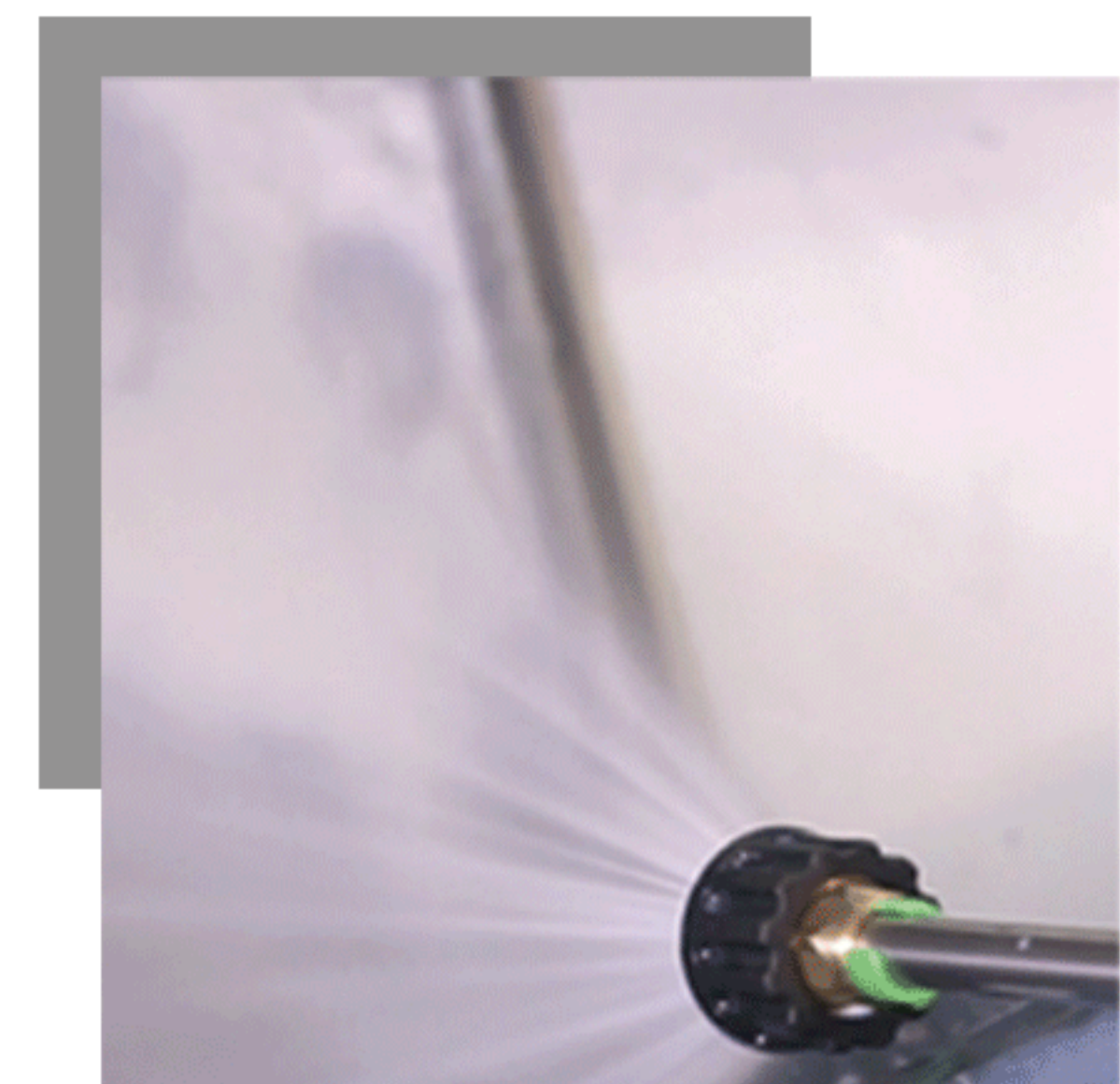
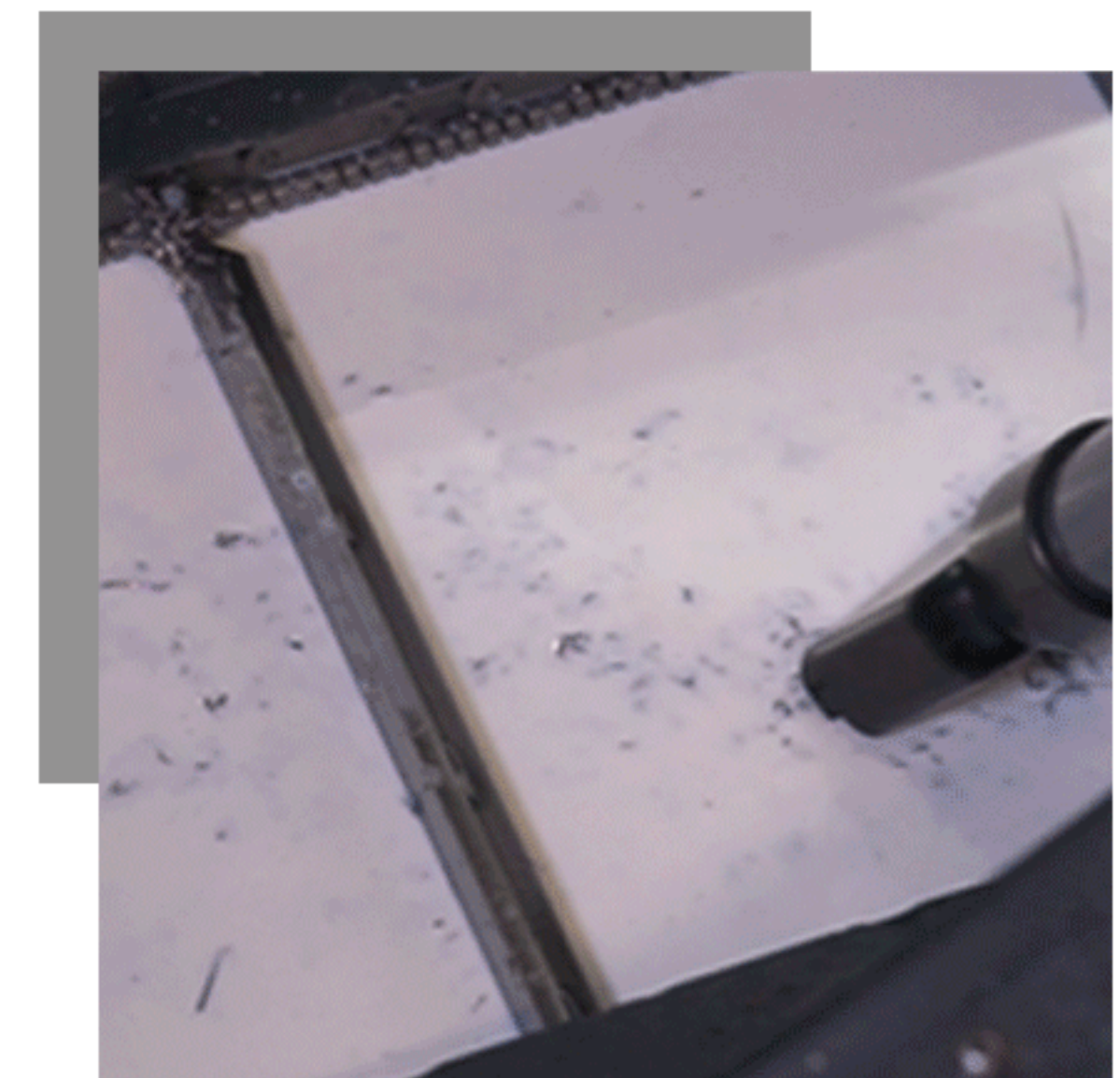
efficient and economical

Our intelligent, perfectly designed suction & filter carts enable complete cleaning in just 30 minutes and parallel filtration of the process fluid.

The best thing: you save time, energy, valuable manpower and increase the productivity of your company in the long term.

The advantages at a glance:

- Short machine downtimes – simultaneous
 - suction (up to 320 l/min)
 - filtering (with 20 – 80µm)
 - cleaning (high-pressure cleaning with up to 80 bar)
- Perfect coolant and emulsion treatment
- Fast changes of wash baths and emulsion
- Cleaning of machine interiors and containers
- Collecting chips and grinding sludge
- Useable as wet and dry vacuum cleaner
- Also available as stainless steel version (pH 4-11)



The Success Story

Tradition becomes Innovation



2023
ET MaXx ZLD
ET MaXx ZLD



2001
Fremdölabscheider
Tramp Oil Separator



1997
Verdampfer
Evaporator



1996
Ultrafiltration
Ultrafiltration



1992
Zentrifugen
Centrifuges



1990
Saug- und Filterwagen
Suction- and Filter Cart



cleaning
systems
for liquids

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