

# PURE TECHNOLOGY.



## COMPACT FILTRATION SYSTEM

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## COOLANT MIST

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## AC 3002 CIP

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The AC 3002 CIP is a compact filtration system with electrostatic operating principle and built-in automatic cleaning system. Thanks to the use of regenerative filter elements, these may be cleaned as often as required, eliminating the high disposal and purchase costs for replacement parts. In addition, a consistently high filtration efficiency and long-term operational safety are guaranteed. The special feature of the new cleaning system is cleaning without chemical additives or a diluted solution.

## CUSTOMER REQUIREMENTS

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Cooling lubricant liter output: 50 l/min at 6 bar

Compressed air: 5 l/min at 6 bar

Power supply: 400 Volt

## ADVANTAGES & BENEFITS

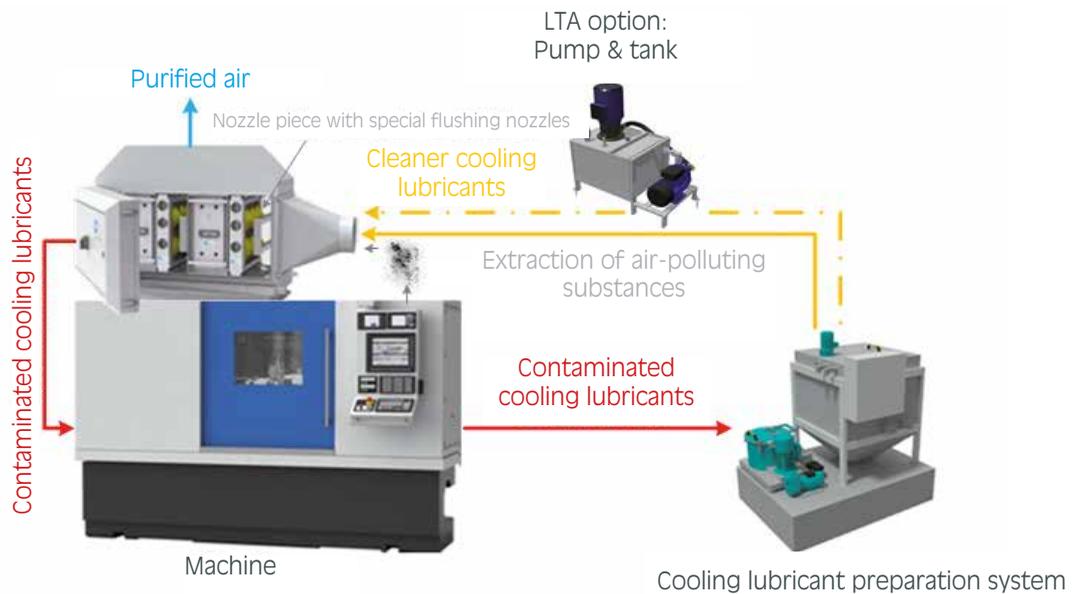
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- . Cost reduction in terms of material, personnel, energy and disposal
- . Short pay-back period
- . Low-maintenance thanks to the automatic cleaning system
- . Process reliability, as there are no downtimes due to contaminated filter elements
- . Maximum component service life
- . Consistently high degree of efficiency/filtration efficiency (> 99%), as there is no efficiency curve due to contaminated filter elements
- . Low energy consumption due to filter elements with almost no pressure loss
- . Cleaning without water or other chemical additives, as cleaning takes place via a medium from the processing machine (cooling lubricants)
- . Exclusively regenerative filter elements
- . No cost-intensive material disposal
- . Healthier work environment for personnel
- . Lower personnel costs due to lack of maintenance work
- . Awarded the title BEST OF 2016



## HOW IT WORKS

Filtration of cooling lubricant mist by means of an electrostatic filtration principle and automatic cleaning of the filter elements.



## TECHNICAL DATA

AC 3002 CIP		
	400 Volt	480 Volt*
OIL MIST	✓	✓
EMULSION MIST	✓	✓
CIP	✓	✓
ELECTROSTATIC	✓	✓
SUCTION CAPACITY	1,200 m <sup>3</sup> /h 706 cfm	706 cfm
FAN OUTPUT (FREE BLOWING)	2,400 m <sup>3</sup> /h 1,413 cfm	1,413 cfm
ELECTRICAL CONNECTION IN V, HZ, KVA	400, 50-60, 0.93	480, 50-60, 0.93
DIFFERENTIAL PRESSURE IN PA	840	840
SOUND PRESSURE LEVEL IN dB(A) (APPROX.)	< 75	< 75
DIMENSIONS (LXWXH)	1,130x690x880 mm 44x27x35 Inch	44x27x35 Inch
WEIGHT (APPROX.)	180 kg 396 lbs	396 lbs

\* Switch cabinet according to UL 508 A