Product Catalog

Premium Oil Mist and Oil Smoke Filtration

A•mist
A•line
A•smoke

Absolent

A•mist - Oil Mist Filter

If you have CNC machines, running at a moderate speed and with a moderate coolant pressure, oil mist will start to leak into the factory. The oil mist consists of mid-sized particles and the fog is moderately thick. It does not only irritate your lungs, but your wallet as well. Invest in an A•mist filter and the problems disappear at a low cost!

Our A•mist filter range has many different filter units to choose from. Both centralized solutions and stand-alone filters for smaller machines. It all depends on the needs you have in your workshop.

- **CLEAN AIR GUARANTEE**
  HEPA H13 eliminates at least 99,97% of all oil mist particles.
- **DESIGNED FOR OIL MIST**
  Perfect for applications that generate oil mist.
- **SAVE MONEY AND THE ENVIRONMENT**
  Long filter life and a low life cycle costs.

A PERFECT MATCH

MACHINING GRINDING

A•mist - *Filters for Oil Mist*

A•mist[6C]

x2

Compact, stand-alone filter unit ideal for smaller machines generating oil mist. Complete with fan.

MAX. IN. PARTICLE LOAD	10 mg/m³
AIR FLOW, RATED	600 m³/h
EXT. PRESSURE DROP	150 Pa
MOTOR SIZE	0.55 kW
WEIGHT (DRY)	65 kg
INLET DUCT	Ø 125 mm
DIMENSIONS (HxWxD)	1000x620x350 mm

A•mist[10C]

x2

Compact, stand-alone filter unit, with or without HEPA filter depending on your needs. Complete with fan.

MAX. IN. PARTICLE LOAD	10 mg/m³
AIR FLOW, RATED	1000 m³/h
EXT. PRESSURE DROP	150 Pa
MOTOR SIZE	0.55 kW
WEIGHT (DRY)	130 kg
INLET DUCT	Ø 160 mm
DIMENSIONS (HxWxD)	807x1190x684 mm

A•mist[10]

x2

Stand-alone filter unit to be placed on the floor close to the machine. Complete with fan.

MAX. IN. PARTICLE LOAD	10 mg/m³
AIR FLOW, RATED	1000 m³/h
EXT. PRESSURE DROP	150 Pa
MOTOR SIZE	0.55 kW
WEIGHT (DRY)	115 kg
INLET DUCT	Ø 160 mm
DIMENSIONS (HxWxD)	1555x620x663 mm

A•mist[20]

x3

Stand-alone or centralized filter unit for one mid-sized or a few smaller machines. Complete with fan.

MAX. IN. PARTICLE LOAD	20 mg/m³
AIR FLOW, RATED	2000 m³/h
EXT. PRESSURE DROP	300 Pa
MOTOR SIZE	2.2 kW
WEIGHT (DRY)	215 kg
INLET DUCT	Ø 200 mm
DIMENSIONS (HxWxD)	2060x620x663 mm

A•mist[40T]

x6

Stand-alone or centralized unit without fan unit. Ideal for one larger or a few smaller machines generating oil mist.

MAX. IN. PARTICLE LOAD	20 mg/m³
AIR FLOW, RATED	4000 m³/h
EXT. PRESSURE DROP	-
MOTOR SIZE	-
WEIGHT (DRY)	280 kg
INLET DUCT	Ø 315 mm
DIMENSIONS (HxWxD)	1820x645x1263 mm

A•mist[40TF]

x6

Stand-alone or centralized unit with fan unit. Ideal for a one larger or a few smaller machines generating oil mist.

MAX. IN. PARTICLE LOAD	20 mg/m³
AIR FLOW, RATED	4000 m³/h
EXT. PRESSURE DROP	1300 Pa
MOTOR SIZE	4.0 kW
WEIGHT (DRY)	350 kg
INLET DUCT	Ø 315 mm
DIMENSIONS (HxWxD)	2350x645x1263 mm

A•mist80T

x12

A larger filter to suit one large machine or serve as a centralized unit for several machines. Without fan.

MAX. IN. PARTICLE LOAD	20 mg/m³
AIR FLOW, RATED	8000 m³/h
EXT. PRESSURE DROP	-
MOTOR SIZE	-
WEIGHT (DRY)	640 kg
INLET DUCT	Ø 400 mm
DIMENSIONS (HxWxD)	2068x1415x1263 mm

A•mist80TF

x12

A larger filter to suit one large machine or serve as a centralized unit for several machines. Complete with fan.

MAX. IN. PARTICLE LOAD	20 mg/m³
AIR FLOW, RATED	8000 m³/h
EXT. PRESSURE DROP	1400 Pa
MOTOR SIZE	7.5 kW
WEIGHT (DRY)	730 kg
INLET DUCT	Ø 400 mm
DIMENSIONS (HxWxD)	2720x1415x1263 mm

A•mist80C

x4

A modular filter (from 8000m³/h) which cost-effectively can be adapted to suit different conditions. Without fan.

MAX. IN. PARTICLE LOAD	10 mg/m³
AIR FLOW, RATED	8000 m³/h
EXT. PRESSURE DROP	-
MOTOR SIZE	-
WEIGHT (DRY)	250 kg
INLET DUCT	Ø 400 mm
DIMENSIONS (HxWxD)	1470x1165x1336 mm

A•mist120T

x18

A larger filter to serve as a centralized unit for several machines. Without fan.

MAX. IN. PARTICLE LOAD	20 mg/m³
AIR FLOW, RATED	12 000 m³/h
EXT. PRESSURE DROP	-
MOTOR SIZE	-
WEIGHT (DRY)	On request
INLET DUCT	On request
DIMENSIONS (HxWxD)	On request

A•mist160T

x24

A larger filter to serve as a centralized unit for several machines. Without fan.

MAX. IN. PARTICLE LOAD	20 mg/m³
AIR FLOW, RATED	16 000 m³/h
EXT. PRESSURE DROP	-
MOTOR SIZE	-
WEIGHT (DRY)	On request
INLET DUCT	On request
DIMENSIONS (HxWxD)	On request

A•mist200T

x30

A larger filter to serve as a centralized unit for several machines. Without fan.

MAX. IN. PARTICLE LOAD	20 mg/m³
AIR FLOW, RATED	20 000 m³/h
EXT. PRESSURE DROP	-
MOTOR SIZE	-
WEIGHT (DRY)	On request
INLET DUCT	On request
DIMENSIONS (HxWxD)	On request

A•line - Oil Mist/Smoke Filter

With A•line, you get a versatile filter that is adaptable to your needs. A unique filter equally suitable for small, tough machines, as for machines that generate moderate amounts of oil mist and smoke.

With A•line, you're equipped for the future. Even if you change the coolant, cutting speed or coolant pressure in the machine, A•line handles the task anyway. The filter series also comes with A•control - a hande-held, electronic device that allows you get the right amount of air precisely where and when you need it. Our smartest filters yet.

- **CLEAN AIR GUARANTEE**
  HEPA H13 eliminates at least 99.97% of all oil mist particles.
- **DESIGNED FOR OIL MIST & OIL SMOKE**
  Perfect for applications that generate oil mist and oil smoke.
- **SAVE MONEY AND THE ENVIRONMENT**
  Long filter life and a low life cycle costs.

A PERFECT MATCH

MACHINING | GRINDING | FORMING/PRESSING

A•5

x4

Small, stand-alone filter unit for a machine generating oil mist/oil smoke.

MAX. IN. PARTICLE LOAD	70 mg/m³
AIR FLOW, RATED	500 m³/h
EXT. PRESSURE DROP	<100 Pa
MOTOR SIZE	0.36 kW
WEIGHT (DRY)	80 kg
INLET DUCT	Ø 125 mm
DIMENSIONS (HxWxD)	850x560x665 mm

A•10

x7

Small, stand-alone or centralized filter unit for one or a couple of smaller machines generating oil mist/oil smoke.

MAX. IN. PARTICLE LOAD	70 mg/m³
AIR FLOW, RATED	1000 m³/h
EXT. PRESSURE DROP	<1000 Pa
MOTOR SIZE	1.15 kW
WEIGHT (DRY)	140 kg
INLET DUCT	Ø 160 mm
DIMENSIONS (HxWxD)	920x965x680 mm

A•control

Hand-held, electronic device that makes it easy to control, manage and monitor your filter unit.

Connect

Monitor

Control

Take control

A handheld, electronic device with a seven inch color screen that gives you new opportunities to manage, control and monitor your filter unit. The A•control has information about the pressure drop at each filter stage, running hours, fan speed and much more. You can adjust all settings right from the hand unit. It has never been so easy to clean the air from your machines.

A•smoke - Oil Smoke Filter

If you run your CNC machines at high speed and with a high coolant pressure, or if you work with die casting or hardening, oil smoke will rise from the machines. It is thick and consists of tiny particles that penetrate everything and can even reach your bloodstream! The same problem often arises during minimal quantity lubrication (MQL).

To get rid of this type of pollution, you need to install a tough filter – A•smoke! Your work environment and your finances will thank you!

CLEAN AIR GUARANTEE
HEPA H13 eliminates at least 99.97% of all oil mist particles.

DESIGNED FOR OIL SMOKE
Perfect for applications that generate oil smoke.

SAVE MONEY AND THE ENVIRONMENT
Long filter life and a low life cycle costs.

A PERFECT MATCH

MACHINING · FORMING/ PRESSING · GRINDING · RUBBER/ PLASTICS · FOOD · DIE CASTING · TEXTILE · HEAT TREATMENT

A•smoke[5]

x4

Compact filter unit ideal for one small machine generating oil mist or oil smoke. Complete with fan.

MAX. IN. PARTICLE LOAD	70 mg/m³
AIR FLOW, RATED	500 m³/h
EXT. PRESSURE DROP	100 Pa
MOTOR SIZE	0.36 kW
WEIGHT (DRY)	70 kg
INLET DUCT	Ø 125 mm
DIMENSIONS (HxWxD)	520x900x620 mm

A•smoke[20]

x3

Stand-alone or centralized filter unit for one mid-sized or several smaller machines. Complete with fan.

MAX. IN. PARTICLE LOAD	70 mg/m³
AIR FLOW, RATED	2000 m³/h
EXT. PRESSURE DROP	600 Pa
MOTOR SIZE	2.2 kW
WEIGHT (DRY)	300 kg
INLET DUCT	Ø 200 mm
DIMENSIONS (HxWxD)	2421x700x783 mm

A•smoke[40]

x3

Stand-alone or centralized filter unit for one larger or several smaller machines. Complete with fan.

MAX. IN. PARTICLE LOAD	150 mg/m³
AIR FLOW, RATED	4000 m³/h
EXT. PRESSURE DROP	800 Pa
MOTOR SIZE	7.5 kW
WEIGHT (DRY)	1000 kg
INLET DUCT	Ø 315 mm
DIMENSIONS (HxWxD)	3530x1127x1167 mm

A•smoke[80TF]

x6

Filter unit ideal for larger or several machines generating oil mist/oil smoke. Complete with fan.

MAX. IN. PARTICLE LOAD	150 mg/m³
AIR FLOW, RATED	8000 m³/h
EXT. PRESSURE DROP	<500/1900 Pa
MOTOR SIZE	11/15 kW
WEIGHT (DRY)	1500 kg
INLET DUCT	Ø 400 mm
DIMENSIONS (HxWxD)	4000x1394x2120 mm

A•smoke[80T]

x6

Filter unit ideal for larger machines or several smaller machines generating oil mist or oil smoke. Without fan.

MAX. IN. PARTICLE LOAD	150 mg/m³
AIR FLOW, RATED	8000 m³/h
EXT. PRESSURE DROP	-
MOTOR SIZE	-
WEIGHT (DRY)	1430 kg
INLET DUCT	Ø 400 mm
DIMENSIONS (HxWxD)	2940x1153x2115 mm

A•smoke[160T]

x12

Filter unit ideal for a couple of larger or many smaller machines generating oil mist or oil smoke. Without fan.

MAX. IN. PARTICLE LOAD	150 mg/m³
AIR FLOW, RATED	16 0000 m³/h
EXT. PRESSURE DROP	-
MOTOR SIZE	-
WEIGHT (DRY)	2500 kg
INLET DUCT	Ø 800 mm
DIMENSIONS (HxWxD)	3348x2263x2165 mm