The tool saver –
simply flexible

KNOLL
.It works

AerosolMaster™ 4000 ATS

Nearly dry processing – low cleaning effort for parts and machines

Low-loss lubrication – low oil consumption

30 programs – for your special requirements

Very fine and homogeneous aerosol – for speeds of up to 45,000 rpm

KNOLL SmartConnect control – easy operation and monitoring, also with smartphone or tablet



Modular design – space-saving and flexible

ProfiBus or ProfiNet – quickly and easily integrated

Find out more about our tool saver at www.knoll-mb.com

KNOLL
.It works

Minimum quantity lubrication system

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AerosolMaster™ 4000 ATS

Less is more

The KNOLL AerosolMaster™ 4000 ATS offers you 30 programs that are tailored to your requirements, from micro-machining all the way up to heavy-duty machining. This guarantees nearly dry processing. With cleaner workpieces and machines, you will save significantly more time and reduce your costs. Even tools with cooling channels less than 0.5 mm are reliably supplied.

Simply productive

The AerosolMaster™ 4000 ATS produces a very fine and homogeneous aerosol, the oil droplets of which ensure a high surface tension. This makes it the front runner in low-loss lubrication and reduces oil consumption by up to 70 %. High speeds of up to 45,000 rpm do not present any hurdles. The space-saving AerosolMaster™ gives you the flexibility you need thanks to its modular design and equipment options – also in terms of space.

The perfect duo

Do you have machining tasks that involve great amounts of heat generation, or are you processing materials that do not tolerate any media application? With our KNOLL AerosolMaster family, you will cover all your production needs from a single source. You have the requirements, we have the solution: comprehensive, fast, binding. We will be happy to advise you.

The AerosolMaster™ in action:

“The work area is only minimally soiled due to the very small amount of oil. This means that alternating processing of different, even dusty, materials is possible in the automated process - without intermediate cleaning. Therefore, for us, the MQL system from KNOLL is the optimal solution for tool and mold making."

Matthias Schmidt, OPS-INGERSOLL Funkenerosion GmbH

Technical specifications are subject to change without notice.

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