

RÖDERS WITH MHT:

WIN-WIN- PARTNERSHIP OF THE EXPERTS

röders
TEC

MHT.
Intelligenz für Fräsmaschinen

RÖDERS RXU 1201 DSH

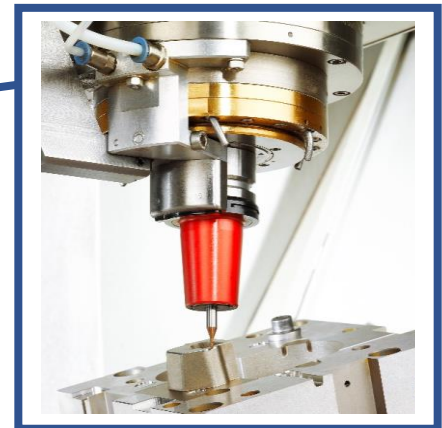
meets **MEDIUMVERTEILER**,

for more economic and a greater effectivity

For the first time, the Röders GmbH will show the medium distributor, the new, innovative technology for effective cooling, lubrication and reliably removing swarf from the cutting edge and the workpiece, in actual use on their RXU 1201 DSH at the EMO 2017

Highlights Röders RXU 1201 DSH

- with QUADROGUIDE® for high roughing, dynamic und precision
- all axes with direct drives
- spindles freely selectable depending on the application, up to 100Nm (S1)
- ideal for die manufacturing, tool making, aerospace, mechanical engineering and parts manufacturing



[Mediumverteiler]
Frästechnik der Zukunft

cool, blow, lubricate.

MILLING TECHNOLOGY OF THE FUTURE!

Instead of using water and oil, the medium distributor cools the milling cutter with compressed air and reliably and constantly removes swarf, even from deep contours and grooves. The heart of the system is a fixed nozzle body which does not turn with the cutter. Nozzles arranged in a ring blow the air directly on to the cutting edge. This means that any milling machine can generally be run dry. If lubricant does have to be added to the air, an extremely small quantity of the lubricant, hydrocarbon or long-chain alcohol is sufficient compared to conventional milling machines.

mht-gmbh.de

[Mediumverteiler]

Frästechnik der Zukunft

Many advantages, which pay off.

TOOL

- tool service life is significantly increased and leads to large savings in tool costs

MILLING PROCESS

- shorter throughput times and milling processes due to higher feed rates and infeed's.

SURFACE TREATMENT

- surface quality increases, making reworking unnecessary. The workpiece is already finished to a high quality directly after finishing.

PRECISION

- the milling process is stable and thus significantly increases precision and repeat accuracy

PROCESS RELIABILITY

- the discontinuation of wet management leads to drying of the machine and higher process reliability
- machine efficiency increases due to longer machine uptimes
- manual readjustment is no longer necessary and time needed for cleaning decreases drastically

ENERGIE & INVIROMENT

- the medium distributor saves energy through lower air consumption (1.1 kW= 200l/min.)
- It saves lubricant through low emulsion consumption (2 g lubricant/hour)

OCCUPATIONAL SAFETY

- contaminated water/oil mixtures become superfluous
- less air contamination leads to improved working conditions for employees

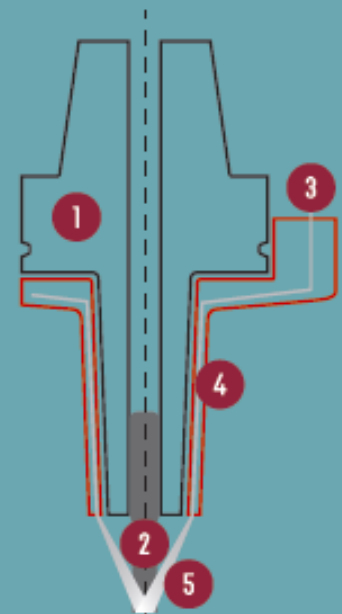
Any questions? Don't hesitate to contact us

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1. TOOLHOLDER
2. MILLING TOOL
3. AIR OR LIQUID (AIR + LIQUID)
4. RED FIXED NOOZLE BODY
5. COMPRESSED AIR

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