

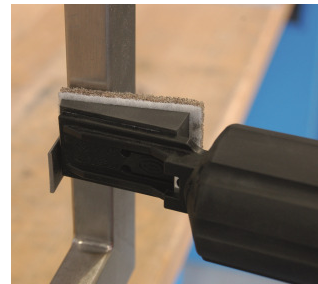
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SUHNER[®]
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Press release

Across instead of along – clean grinding right into the smallest of corners

SUHNER presents the new power file UMB 4-RQ

Grinding in places that are hard to access like corners, grooves, or narrow slots was previously a difficult challenge. But now there is the ideal solution: the power file UMB 4-RQ from SUHNER. This device is characterised by good handling and a crosswise grinding function.



Its operations include fine grained finishing, grinding, brushing, and polishing.

Its key areas of application can be found in machine construction, tool and mould building, aircraft construction, and the automotive industry.

Thanks to its low weight, lean, compact shape, and ergonomic design, this power grinder is ideal for fine work. The compact abrasive attachment achieves clean grinding results even in the smallest of corners.

Dimensional and geometric precision and surface quality can now be obtained even with difficult applications that hitherto could be mastered only with great difficulty.

The new power file is based on the principle of reducing

process forces in higher precision machines and tools for enhanced finishing and fine work.

Light and long lived

The grinder is powered by a compact and lightweight motor delivering 270 W.

The 8 mm stroke can be adjusted continuously from 1500 to 3750 rpm. Efficient ventilation keeps the motor at a low temperature in its compact housing. As protection against dust particles in the air flow, the stator winding is fitted with additional insulation. A special adjusting system in the gearing reduces vibrations to a minimum.

This counteracts wearing and optimises quiet running – for that extra boost to the machine's service life.



Extensive control electronics

A digital constant power electronics unit regulates the motor speed and keeps it constant even under high load.

Depending on the application, the speed can be varied over a wide range at the fine adjusting wheel.

The digital electronics are fitted as standard with starting current limitation; overload and undervoltage protection; and restart prevention.

Wide range of abrasives

Depending on the work, the user can choose from coarse, medium, and very fine VA grinding disks with the grain sizes 60, 120, 180, 240, 320, and 400 as well as nonwoven grinding discs for decorative finishing. The available abrasives are for steel, stainless steel, aluminium, and nonferrous metals.



The abrasives feature Velcro fasteners and so can be changed quickly and without tools. The tool holder itself is fitted with a clip system for fast changes.

Further information

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