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SUHNER

# Press-Release

## 25% more speed – Proven high speed machining unit type BEX15 takes off to even higher speed levels

**SUHNER introduces a new and re-designed version of its BEX15 machining unit, capable to allow a spindle speed increase from 18,000rpm to 23,000rpm**

Chip producing machining operations with modern tools today demand progressively higher cutting speeds. Specifically for metals with high cutting speed rates or small diameter hole drilling applications. The SUHNER machining unit type BEX15, proven in thousands of installations, provides new speed options, reliably up to the maximum speed limit. With an increase of 25% up to a permissible maximum spindle speed of 23,000rpm, operations requiring higher spindle speeds can be accomplished more easily.

This improvement is the result of a complete redesign of drive and spindle bearing components. A new style timing belt drive multiplies the motor speed up to 13,050rpm spindle speed. An AC-inverter drive is used to increase the spindle speed up to 23'000rpm at 87Hz.

The machining unit BEX15 can be applied in axial and radial orientation, directly mounted to a SUHNER slide assembly type UA15-PH or UA15-CNC. In this combination numerous machining operations like milling or demanding drilling cycles including jump or peck feed can be accomplished very easy.

Four optional tool holder systems (Collet ER25, ISO30, HSK50 and Weldon) , standard air purge connections for spindle and belt housing including a number of additional options (for example: coolant through the spindle or automated tool change features) make this machining unit type BEX15 adaptable and an optimal choice for demanding and specific machining requirements.



## Further information

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