KELLENBERGER



The Compact: Internal grinding expertise for small workpieces

KELLENBERGER VM30

The KELLENBERGER VM30 internal grinding machine complements the internal grinding expertise of the Voumard brand with a machine for all industries whose main focus is on simple internal grinding operations in small and medium batch production. The KELLENBERGER VM30 is designed for workpiece lengths up to 150 mm and diameters up to 150 mm.

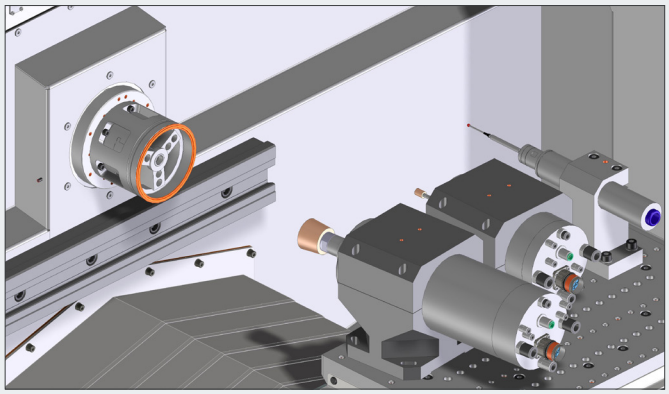
The compact machine has a footprint of 1.80 x 1.80 m. With its very good price/performance ratio, it is also an ideal entry-level machine.

When it comes to equipment, the KELLENBERGER VM30 makes no compromises.

Depending on the application, either one or two parallel internal grinding spindles can be used. These high-quality internal grinding spindles ensure the best grinding results with short cycle times. They are available with speeds up to 120,000 min-1. Other outstanding features include the high-precision workhead and a high-precision X/Z cross table. The KELLENBERGER VM30 can be equipped with two different dressing concepts.

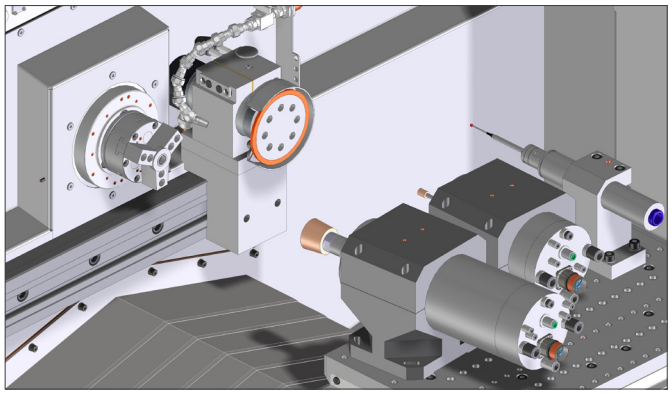
MACHINE FEATURES

- Compact internal grinding machine for small to medium sized components
- Ideal for small to medium batch sizes
- Rigid base coupled with short axis travels
- Available with one or two high-frequency internal grinding spindles *(optionally with internal cooling)*
- High precision work headstock
- Various dressing options
- High precision cross table in X-/Z-axis
- Separate wet/dry areas
- FANUC 0i-TF Plus control, equipped with the latest BLUE Solution software



BASIC SPECIFICATIONS

Tool length	up to 150 mm
Tool diameter	up to 150 mm
Internal grinding spindle, speed max.	45'000 / 60'000 / 90'000 / 120'000
Workpiece spindle speed	3'000
X-axis travel	325 mm
Z-axis travel	300 mm
Rapid traverse X-axis	15 m/min
Rapid traverse Z-axis	20 m/min



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