

PRODUCT.BROCHURE.SKU: 301499

The BO series of conventional boring-milling machines is designed for horizontal, multi-sided drilling and milling of workpiece weights of up to 2.5 tons. The stand is fixed, while the table can move and rotate 360°. The drill head moves on the column and the spindle has a long stroke on the W-axis. Conventional boring mills also have a facing slide with a long stroke, which extends the application to include boring. High drive power and automatic feeds on all axes with rapid traverse enable efficient machining and short non-productive times.

- Large work area with W-axis and facing slide
- Thread cutting unit
- Rotatable clamping table with sighting device for 4 positions
- Telescoping stainless steel covers on all guides



PRODUCT.BROCHURE.technical_specs

ATTRIBUTES.MEG-000008.DESCRPTION

attributes.MEG-000008.MER-000879	50 mm
attributes.MEG-000008.MER-000271	1100 mm x 960 mm
attributes.MEG-000008.MER-000358	2500 kg
attributes.MEG-000008.MER-000361	4 x 90°
attributes.MEG-000008.MER-000010	0 mm - 900 mm
attributes.MEG-000008.MER-000638	1 1/min

ATTRIBUTES.MEG-000059.DESCRPTION

attributes.MEG-000059.MER-002483	900 mm
attributes.MEG-000059.MER-002484	900 mm
attributes.MEG-000059.MER-002486	900 mm
attributes.MEG-000059.MER-002487	600 mm
attributes.MEG-000059.MER-000280	180 mm

ATTRIBUTES.MEG-000007.DESCRPTION

attributes.MEG-000007.MER-000075	8 1/min - 1000 1/min
attributes.MEG-000007.MER-000255	110 mm
attributes.MEG-000007.MER-000067	1225 Nm
attributes.MEG-000007.MER-000259	SK 50
attributes.MEG-000007.MER-000181	4 1/min - 200 1/min
attributes.MEG-000007.MER-000959	12.25 kN
attributes.MEG-000007.MER-000636	1960 Nm

ATTRIBUTES.MEG-000060.DESCRPTION

attributes.MEG-000060.MER-000083	2500 mm/min
attributes.MEG-000060.MER-000084	2500 mm/min
attributes.MEG-000060.MER-000383	2500 mm/min

ATTRIBUTES.MEG-000006.DESCRPTION

attributes.MEG-000006.MER-000293	0.01 mm/R - 6 mm/R
attributes.MEG-000006.MER-000294	0.01 mm/R - 6 mm/R
attributes.MEG-000006.MER-000295	0.01 mm/R - 6 mm/R
attributes.MEG-000006.MER-000292	0.01 mm/R - 6 mm/R
attributes.MEG-000006.MER-000182	0.08 mm/min - 12 mm/min

ATTRIBUTES.MEG-000016.DESCRPTION

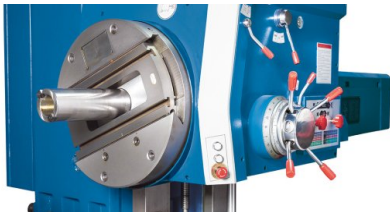
attributes.MEG-000016.MER-000001	0.01 mm
attributes.MEG-000016.MER-000029	H7 Ra-1,6 µm

ATTRIBUTES.MEG-000002.DESCRPTION

attributes.MEG-000002.MER-000159	7.5 kW
attributes.MEG-000002.MER-000162	0.37 kW

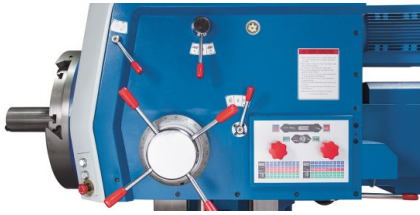
ATTRIBUTES.MEG-000004.DESCRPTION

attributes.MEG-000004.MER-000002-height	4.88 m x 2.45 m x 2.75 m
attributes.MEG-000004.MER-000108	11500 kg



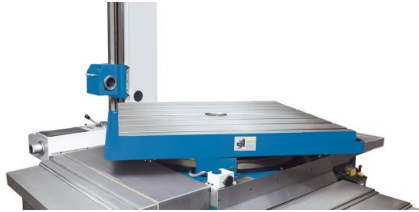
PRODUCT.BROCHURE.PRODUCT_DETAILS

- Rigid, hardened and precision-ground square guides ensure many years of accurate operation
- Mechanical functions that cannot be run simultaneously are provided with interlocks
- Headstock and feed gears are equipped with an overload clutch
- Lever-operated shift gears for positioning of the wheels in the desired position
- Faceplate and drill spindle with different task-specific speed ranges according to the various functions
- An optical sighting device enables fast positioning with maximum precision at 90°, 180°, 270° and 360°
- Telescoping steel cover protects the guides from chips and dirt
- BO 110 incl. tailstock (optional on BO 130)



3-axis position indicator

- More accuracy
- Lower error rate
- Increased productivity
- Resulting in valuable time savings
- For increased productivity
- Easy to read display
- Operator-specific features
- Convenient keyboard layout
- Resolution: 0.01/ 0.005 mm
- Default coordinates
- Axis position is maintained when display is turned off
- Hole circle pattern calculation
- Calculator function
- Storage for 10 tools
- Radius / diameter toggle
- Mm/inch conversion
- Easy expansion and maintenance-free operation



PRODUCT.BROCHURE.STANDARD_EQUIPMENT

3-axis position indicator X.Pos 3.2
Wedge strip
Central lubrication
Work lamp
Foundation bolts
Operating tools
Operator instructions

PRODUCT.BROCHURE.OPTIONAL_EQUIPMENT

- Drilling tool holder for faceplate, product.brochure.sku: 252278
- Milling cutter holder for faceplate, product.brochure.sku: 252279
- Boring head, product.brochure.sku: 252280
- Position indicator at the rotary table, product.brochure.sku: 252720



KNUTH on YouTube Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?
Please feel free to contact us!**