



PRODUCT.BROCHURE.SKU: 399022

The BO series of conventional boring and milling machines with a fixed column is designed for horizontal multi-sided drilling and milling of workpiece weights of up to 10 tons. The movable table can rotate 360°. The drill head moves on the column and the spindle has a long stroke on the W-axis. Efficient machining and short non-productive times result from high drive power and automatic feeds on all axes with rapid traverses. In addition, these conventional boring mills have a facing slide with a long stroke.

- 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	60 mm
attributes.MEG-000008.MER-000271	1600 mm x 1800 mm
attributes.MEG-000008.MER-000358	10000 kg
attributes.MEG-000008.MER-000361	4 x 90°
attributes.MEG-000008.MER-000010	0 mm - 1800 mm
attributes.MEG-000008.MER-000638	1.2 1/min

ATTRIBUTES.MEG-000059.DESCRPTION

attributes.MEG-000059.MER-002483	2000 mm
attributes.MEG-000059.MER-002484	1800 mm
attributes.MEG-000059.MER-002486	1500 mm
attributes.MEG-000059.MER-002487	900 mm
attributes.MEG-000059.MER-000280	250 mm

ATTRIBUTES.MEG-000007.DESCRPTION

attributes.MEG-000007.MER-000075	4 1/min - 800 1/min
attributes.MEG-000007.MER-000255	130 mm
attributes.MEG-000007.MER-000067	3136 Nm
attributes.MEG-000007.MER-000259	SK 50
attributes.MEG-000007.MER-000181	2.5 1/min - 125 1/min
attributes.MEG-000007.MER-000959	31.36 kN
attributes.MEG-000007.MER-000636	4900 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	0.005 mm
attributes.MEG-000016.MER-000029	H7 Ra-1,6 µm

ATTRIBUTES.MEG-000002.DESCRPTION

attributes.MEG-000002.MER-000159	15 kW
attributes.MEG-000002.MER-000240	5.5 kW
attributes.MEG-000002.MER-000162	0.37 kW

ATTRIBUTES.MEG-000004.DESCRPTION

attributes.MEG-000004.MER-000002-height	7.03 m x 4.66 m x 3.8 m
attributes.MEG-000004.MER-000108	29300 kg



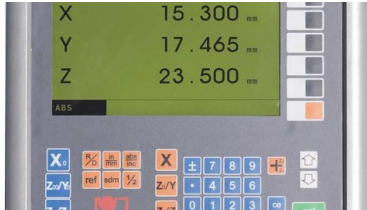
PRODUCT.BROCHURE.PRODUCT_DETAILS

- 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)

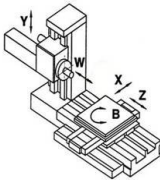


3-axis position indicator

- 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

- Boring tool holder for facing plate for BO 130, product.brochure.sku: 250606
- Milling tool holder for facing plate for BO 130, product.brochure.sku: 250607
- Boring head for BO 130, product.brochure.sku: 250609
- Option B axis DRO for BO 130 - 399022, product.brochure.sku: 252721
- Tailstock, product.brochure.sku: 254161



KNUTH on YouTube Information to the point

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