



PRODUCT.BROCHURE.SKU: 362751

This universal milling machine is the biggest model from UWF series and stands out with its rigid construction, large working area, and extended travels on all axes. Designed as a versatile solution, it can easily handle large workpieces and is packed with features like universal milling head, swiveling table, horizontal axis which greatly increases its range of application.

- Universal cutter head swivels on 2 levels
- Horizontal milling spindle with its own drive
- Swiveling milling table
- Servo-feed on all axes with rapid feed
- Extensive standard equipment

PRODUCT.BROCHURE.technical_specs

ATTRIBUTES.MEG-000008.DESCRPTION

| | |
|----------------------------------|------------------|
| attributes.MEG-000008.MER-000354 | 1600 mm x 360 mm |
| attributes.MEG-000008.MER-000272 | 500 kg |
| attributes.MEG-000008.MER-000020 | 3 positions |
| attributes.MEG-000008.MER-002446 | 18 mm x 80 mm |

ATTRIBUTES.MEG-000059.DESCRPTION

| | |
|----------------------------------|---------|
| attributes.MEG-000059.MER-000287 | 1300 mm |
| attributes.MEG-000059.MER-000288 | 300 mm |
| attributes.MEG-000059.MER-000289 | 400 mm |

ATTRIBUTES.MEG-000034.DESCRPTION

| | |
|----------------------------------|-----------------------|
| attributes.MEG-000034.MER-000894 | 60 1/min - 1750 1/min |
| attributes.MEG-000034.MER-000944 | SK 50 DIN 2080 |
| attributes.MEG-000034.MER-000233 | 360° |
| attributes.MEG-000034.MER-000889 | 550 mm |
| attributes.MEG-000034.MER-000360 | 190 mm - 590 mm |

ATTRIBUTES.MEG-000060.DESCRPTION

| | |
|----------------------------------|-------------|
| attributes.MEG-000060.MER-000083 | 1200 mm/min |
| attributes.MEG-000060.MER-000084 | 800 mm/min |
| attributes.MEG-000060.MER-000085 | 600 mm/min |

ATTRIBUTES.MEG-000011.DESCRPTION

| | |
|----------------------------------|-----------------------|
| attributes.MEG-000011.MER-000338 | 60 1/min - 1800 1/min |
| attributes.MEG-000011.MER-000941 | SK 50 DIN 2080 |
| attributes.MEG-000011.MER-000008 | 20 mm - 420 mm |
| attributes.MEG-000011.MER-001225 | 200 mm |

ATTRIBUTES.MEG-000006.DESCRPTION

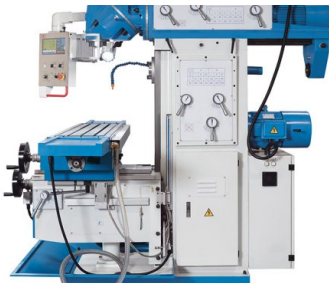
| | |
|----------------------------------|------------------------|
| attributes.MEG-000006.MER-000298 | 30 mm/min - 750 mm/min |
| attributes.MEG-000006.MER-000300 | 20 mm/min - 500 mm/min |
| attributes.MEG-000006.MER-000302 | 15 mm/min - 375 mm/min |

ATTRIBUTES.MEG-000002.DESCRPTION

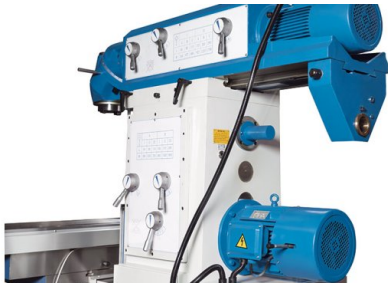
| | |
|----------------------------------|--------|
| attributes.MEG-000002.MER-000161 | 5.5 kW |
| attributes.MEG-000002.MER-000165 | 4 kW |

ATTRIBUTES.MEG-000004.DESCRPTION

| | |
|---|----------------------|
| attributes.MEG-000004.MER-000002-height | 2.52 m x 2.1 m x 2 m |
| attributes.MEG-000004.MER-000108 | 2950 kg |



Large work area, cutter head swivels on 2 planes



Horizontal spindle with its own drive and finely stepped gearbox



PRODUCT.BROCHURE.PRODUCT_DETAILS

- Extremely rigid machine bed made of high-strength HT-200 cast-iron with heavy ribbing
- Precision-ground guideways with hardened surfaces for long-term accuracy and wear-resistance
- The milling table features a large setup area, long X-axis travel, and it can be horizontally swiveled up to 45°
- Quiet, precision-made headstock gears with hardened and ground gears
- The universal cutter head swivels on 2 planes, allowing virtually any spatial angle setting
- Vertical and horizontal spindles each have a separate drive with gearbox for maximum machining power
- Standard outer arbor support with bronze plain bearings accommodates long milling arbors in the horizontal spindle
- Powerful axis servo-motors allow infinite adjustment of feeds on all 3 axes
- Minimum downtime due to rapid positioning of work table and rapid feeds in all axes
- Swiveling control panel with integrated position indicator for maximum operator comfort
- Coolant system and chip tray are included

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
 Reducing sleeve ISO 50 / MT4
 Milling arbor Ø 32 mm
 Horizontal arbor Ø 27 mm
 Outer arbor support for horizontal milling
 Chip tray
 Coolant system
 Work lamp
 Manual central lubrication
 Draw bar
 Operating tools
 Operator instructions
 Horizontal arbor Ø 32 mm



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!**