



PRODUCT.BROCHURE.SKU: 302341

This versatile tool-milling machine has become an indispensable part of mechanical production in tool and mold making. The compact design, which offers a lot of flexibility and at the same time is very easy to use, has proven itself many times and has been interpreted in a modern way. Servo drives and ball screws make the machine even more powerful and precise. The entire series is ideally suited for the construction of tools and molds in repair shops as well as training and manufacturing departments.

- Vertical and horizontal spindle
- Precise preloaded ball screws on all axes
- Large vertical console and work table
- Automatic feed on all axes with rapid feed
- Infinitely variable main spindle drive
- Extensive accessory package included

PRODUCT.BROCHURE.technical_specs

ATTRIBUTES.MEG-000008.DESCRPTION

attributes.MEG-000008.MER-000354	450 mm x 850 mm
attributes.MEG-000008.MER-000458	250 mm x 1190 mm
attributes.MEG-000008.MER-000272	300 kg
attributes.MEG-000008.MER-000020	7 positions
attributes.MEG-000008.MER-002446	14 mm x 63 mm
attributes.MEG-000008.MER-002442	3 positions
attributes.MEG-000008.MER-002443	14 mm x 63 mm

ATTRIBUTES.MEG-000059.DESCRPTION

attributes.MEG-000059.MER-000287	600 mm
attributes.MEG-000059.MER-000288	450 mm
attributes.MEG-000059.MER-000289	450 mm

ATTRIBUTES.MEG-000086.DESCRPTION

attributes.MEG-000086.MER-001725	100 mm
attributes.MEG-000086.MER-001874	165 mm
attributes.MEG-000086.MER-001875	620 mm

ATTRIBUTES.MEG-000012.DESCRPTION

attributes.MEG-000012.MER-001824	± 90°
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ATTRIBUTES.MEG-000060.DESCRPTION

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

ATTRIBUTES.MEG-000006.DESCRPTION

attributes.MEG-000006.MER-000355	10 mm/min - 1000 mm/min
attributes.MEG-000006.MER-000356	10 mm/min - 1000 mm/min
attributes.MEG-000006.MER-000357	10 mm/min - 1000 mm/min

ATTRIBUTES.MEG-000092.DESCRPTION

attributes.MEG-000092.MER-001871	40 1/min - 2000 1/min
attributes.MEG-000092.MER-001872	SK 40 DIN 2080

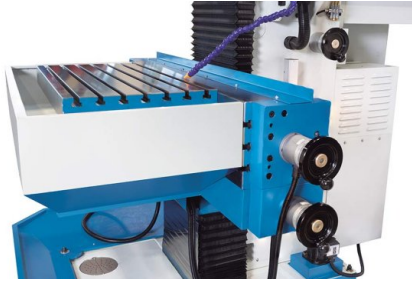
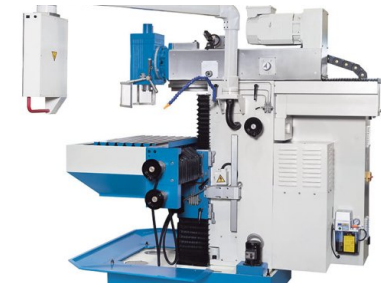
ATTRIBUTES.MEG-000002.DESCRPTION

attributes.MEG-000002.MER-000159	5.5 kW
attributes.MEG-000002.MER-000163	0.09 kW

ATTRIBUTES.MEG-000004.DESCRPTION

attributes.MEG-000004.MER-000002-height	1.6 m x 1.8 m x 2 m
attributes.MEG-000004.MER-000108	1750 kg

PRODUCT.BROCHURE.PRODUCT_DETAILS



- The Machine column made of premium cast-iron, ensures maximum dynamic rigidity and constant precision
- Precision preloaded ball screws on all axes
- Ergonomically arranged controls and a swivelling control panel plus standard digital position indicator for maximum operator comfort
- Both machines have rigid outer arbors for horizontal milling
- Despite the compact design, this machine features a large work table and large travels for versatile use
- Automatic feed on all axes, infinitely variable and with fast rapid feed
- The vertical cutter head swivels and the quill can be moved manually
- The infinitely variable main spindle drive with counter gear offers a wide speed range with high torque
- Extensive accessory package included
- Central lubrication system is standard equipment
- Price incl. fully assembled 3-axis position indicator

PRODUCT.BROCHURE.STANDARD_EQUIPMENT



- Electronic hand-wheels
- 3-axis position indicator X.Pos 3.2
- Central lubrication
- Reducing sleeves MT1, MT2, MT3
- Collet chuck with collets
- Horizontal milling arbor 16mm
- Horizontal milling arbor 22mm
- Horizontal milling arbor, 27 mm
- Horizontal milling arbor 32mm
- Counterholder for horizontal milling
- Chip tray
- Coolant system
- Work lamp
- pull rod (M16) for horizontal / vertical spindle
- levelling pads and bolts
- Operating tools
- Operator manual



PRODUCT.BROCHURE.OPTIONAL_EQUIPMENT

- Universal swivel table for FPK 4.3/ FPK 6.3, product.brochure.sku: 253721



*Universal swivel table for FPK 4.3/ FPK 6.3
(253721)*



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!**