



See this machine
in action on
YouTube



- Ball screws and servo motors on all axes
- Infinitely variable spindle speed
- Electronic handwheels
- Extensive standard equipment

- 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



The FPK 4.3 is constructed in the same stable way as the larger model

Standard Equipment

electronic hand-wheels, 3-axis position indicator, central lubrication, reducing sleeves MT1, MT2, MT3, collet chuck with collets 2,3,4,5,6,8,10,12 mm, horizontal milling arbor 16mm, horizontal milling arbor 22mm, cutter arbor, long, 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

Options	Part No.
• Universal swivel table for FPK 6.3	253722
• Coolant Concentrate 5 Ltr.	103184
• Shell End Milling Arbor Ø32 SK 40	103910
• HS 125 Hydraulic Machine Vise	125024

For additional options for this machine, visit our website.

Specifications

		FPK 4.3	FPK 6.3
Working area			
Table dimensions	mm	400x800	450x850
Vertical table	mm	225x1.020	250x1.190
Table load capacity (max.)	kg	200	300
T-slots (number/width/spacing)	mm	6x14x63	7x14x63
T-slots, vertical table (number x width x spacing)	mm	3x14x63	3x14x63
Travels			
Travel X-axis	mm	500	600
Travel Y-axis	mm	400	450
Travel Z-axis	mm	400	450
Vertical Milling Spindle			
Travel pinole	mm	60	100
Spindle center - column (min.)	mm	165	165
Spindle center - column (max.)	mm	665	665
Vertical milling head			
Angular adjustment of vertical head		± 90°	± 90°
Rapid feed			
Rapid feed X-axis	mm/min	1.200	1.200
Rapid feed Y-axis	mm/min	1.200	1.200
Rapid feed Z-axis	mm/min	1.200	1.200
Feed			
Work feed X-axis	mm/min	10 - 1.000	10 - 1.000
Work feed Y-axis	mm/min	10 - 1.000	10 - 1.000
Work feed Z-axis	mm/min	10 - 1.000	10 - 1.000
Horizontal Milling Spindle / Vertical Milling Spindle			
Speed range	1/min	(2) 40 - 2.000	(2) 40 - 2.000
Spindle mount		ISO 40	ISO 40
Drive capacity			
Motor rating main drive	kW	3,2	5,5
Motor rating coolant pump	kW	0,09	0,09
Measures and weights			
Overall dimensions (length x width x height)	m	1,5x1,7x1,8	1,6x1,8x2
Weight	kg	1.550	1.750
Part No.		302340	302341