

universal toolmilling machine FKM 940 A -1

Start from Universal universal toolmilling machine ideal for the insert in Tool- and Mouldsbau, final check per tool.

Price upon inquiry

specifications

table size	750 x 320 mm
travel longitudinal (x)	400 mm
movement in Y	300 mm
movement vertical Z	400 mm
spindle speeds	40-2000
tool mounts	ISO 40 / DIN 2080
quill stroke	60 mm
quill feed	0,03 / 0,06 / 0,12 mm/U
rapidfeed X-Axis	1200 mm/min
rapid feed Y-axis	1200 mm/min
rapid feed Z-axis	1200 mm/min
feed range of X-axis	(18) 10 - 500 mm/min
feed range of Y-axis	(18) 10 - 500 mm/min
feed range of Z-axis	(18) 10 - 500 mm/min
distance	center of spindle - table surface 35 - 435 mm
size of t-slots	8 x T14 x 45 mm
power of main motor	3 KW
enginepower of feed	1.5 KW
enginepower of cooling pump	0.04 KW
weight	1.300,00 kg
dimensions	1820x1640x1710 mm

equipment

- 3-step automatic quill feed, manual quill feed,
- separate finely tuned feeding gearbox for all axis with separate transmission system,
- rapid feed in all axis,
- finely tuned 18-stepped main spindle drive with direct power transmission for high torque,
- 90° in both directions pivotable Vertical-milling head with spindle adapter ISO 40 and manual tool clamping device,
- Swivel rest for dismounting of the Vertical-milling head,
- horizontal spindle ISO 40 with horizontal counter bearing,
- engageable main spindle break with holding function for easy tool change,
- precision-ground quality gears (in Oil running for low-noise operation),
- swivel-mounted control panel with integrated 3-axis digital readout,
- mechanical security handwheels in all axis, build in cooling device and automatic central lubrication,
- hardened guide ways for long lifetime and precision,
- horizontal and vertical working table with t-slots (hardened and precision fine grounded for long life)

accessoires

chip tray, counter support optional accessories: 3-axis universal rotary and swivel Table, rotary Table 315mm, dividing head includes counter support, machine vice 160 mm, slotting head

optinalit accessory

T14	48,50 €
magnet plates 250x600	Preis auf Anfrage
SK40 to MK3	35,00 €
keyless drill chuck B16, 1-13mm	19,00 €
keyless drill chuck B18 3-16mm	Preis auf Anfrage
45 degree - 80mm/5	105,00 €
45 degree - 100mm/6	149,00 €
L=125mm	Preis auf Anfrage
ISO40 D-22mm	52,00 €
Kuststoff 7 fach	58,50 €
ISO40 D-27mm	52,00 €
ISO40 to B18	24,00 €
ISO40 to B16	24,00 €
TIN coated DIN 844B	129,00 €
HV 160	398,00 €
HV 200	369,00 €
dial indicator 0-25 mm	28,50 €
keyless drill chuck B18 1-16mm	25,00 €
45 degree - 63mm/5	98,00 €
machinemount D-200 mm	Preis auf Anfrage
for machine vice ELV 150	22,00 €
lever gauges 560-002	34,00 €
ISO40 D-27mm DIN69871	52,00 €
SK40 to MK4 DIN69871	Preis auf Anfrage