

Technical data



Mikron HPM 450U

Working Range

Logitudinal	X	mm	600
Transverse	Y	mm	450
Vertical	Z	mm	450

Rotary Tilting Table

Tilt, B °			-120 / +45
Rotary, C °			n x 360
Feed / Rapid speed (B)		rpm	50
Feed / Rapid speed (C)		rpm	140
Table size		mm	Ø 450, with parallel t-slot arrangement
Pallet versions		mm	System 3R Dynafix 280 x 280 Erowa UPC 320 x 320 System 3R GPS 240 x 240 (others on request)
Max. weight on table		kg	150 (manual), 90 (automatic)
Pallet Magazine		pce.	7 (Dynafix, UPC), 10 (GPS)

Feed Drives

Feed / Rapid speed (X, Y, Z)		m/min	15 / 22
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Spindle (40% ED, S6)

12'000 rpm	ISO 40	kW / Nm	36 / 120
20'000 rpm	HSK-A63	kW / Nm	36 / 120

Tool Changer

Internal Tool Changer		pce.	30 or 60 (ISO 40, HSK-A63)
External Tool Changer		pce.	120, 170 or 220 (HSK-A63)

Control

		Heidenhain	iTNC 530
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Machine Weight		kg	7'700
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