

Technical data



Machine			Mikron MILL X 400	Mikron MILL X 400 U
Axis travel				
Lengthwise	X	mm	500	500
Crosswise	Y	mm	450	240
Vertical	Z	mm	360	360
Swiveling axis		°	-	+110/-110
Rotating axis		°	-	n x 360
Travel speed				
Rapid traverse	X, Y	m / min	100	100
Rapid traverse	Z	m / min	100	100
Rapid traverse (swivel)		min ⁻¹	-	165
Rapid traverse (turn)		min ⁻¹	-	250
Spindle (40% ED, S6)				
60'000 min ⁻¹ , HSK-E32		kW / Nm	8.5 / 3.5	8.5 / 3.5
42'000 min ⁻¹ , HSK-E40		kW / Nm	13.5 / 8.8	13.5 / 8.8
30'000 min ⁻¹ , HSK-E40		kW / Nm	13.5 / 8.8	13.5 / 8.8
Work table				
Pallet/clamping surface		mm	Dynafix 280 x 280 / 350 x 350	MacroMagnum 156
Pallet/clamping surface		mm	GPS 240 x 240	ITS 148
Pallet/clamping surface		mm	UPC 320 x 320	-
Max. table load		kg	120	25
Tool magazine				
HSK-E32		tool holder	20 / 40	20 / 40
HSK-E40		tool holder	18 / 36 / 68 / 168 / 308	18 / 36 / 68 / 168 / 308
Automation				
Pallet size / Number		Piece	UPC/Dynafix / 7x	M.M. 156/18x
Pallet size / Number		Piece	GPS 240/10x	ITS 148/20x
Maximum additional load		kg	90	25
Weight				
Machine		kg	6'800	7'000
Pallet changer		kg	1'200	1'200
Control				
Heidenhain			iTNC 530 HSCI	iTNC 530 HSCI