

## Technical data



Machine			Mikron MILL S 400	Mikron MILL S 400 U	Mikron MILL S 500
<b>Axis travel</b>					
Lengthwise	X	mm	500	500	500
Crosswise	Y	mm	450	240	450
Vertical	Z	mm	360	360	360
Swiveling axis		°	-	+110/-110	-
Rotary axis		°	-	n x 360	-
<b>Travel speed</b>					
Rapid traverse	X, Y	m/min	61	61	61
Rapid traverse	Z	m/min	61	61	61
Rapid traverse (swivel)		min <sup>-1</sup>	-	165	-
Rapid traverse (rotary)		min <sup>-1</sup>	-	250	-
<b>Tool Spindle (40% ED, S6)</b>					
60'000 min <sup>-1</sup>	HSK-E32	kW / Nm	8.5 / 3.5	8.5 / 3.5	8.5 / 3.5
42'000 min <sup>-1</sup>	HSK-E40	kW / Nm	13.5 / 8.8	13.5 / 8.8	13.5 / 8.8
30'000 min <sup>-1</sup>	HSK-E40	kW / Nm	13.5 / 8.8	13.5 / 8.8	13.5 / 8.8
<b>Work table</b>					
Pallet/clamping surface	mm		Dynafix 280x280/350x350	MacroMagnum 156	550 x 450
Pallet/clamping surface	mm		GPS 240 x 240	ITS 148	-
Pallet/clamping surface	mm		UPC 320 x 320	-	-
Max. table load	kg		120	25	200
<b>Tool magazine</b>					
HSK-E32	tool holder		20/40	20/40	20/40
HSK-E40	tool holder		18 / 36 / 68 / 168 / 308	18 / 36 / 68 / 168 / 308	18 / 36 / 68 / 168 / 308
<b>Automation</b>					
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	-
<b>Weight</b>					
Machine	kg		6'800	7'000	6'800
Pallet changer	kg		1'200	1'200	-
<b>Control</b>					
Heidenhain			iTNC 530 HSCI	iTNC 530 HSCI	iTNC 530 HSCI