

URANE 25	UNITS	
Axis Technology and Stroke		
Drive Technology	-	Linear Motor
X Stroke	mm	800
Y Stroke	mm	700
Z Stroke	mm	400

Dynamic Performance		
Rapid Traverse X/Y/Z Axes	m/min	100
Acceleration X/Y Axes	m/s <sup>2</sup>	10
Acceleration Z Axis	m/s <sup>2</sup>	15
Positioning accuracy	mm	0,004 (VDI 3441)
Repeatability	mm	0,0025 (VDI 3441)

Thrust		
X Axis	N	5.800 nominal / 15.500 maxi
Y-Z Axes	N	3.700 nominal / 10.300 maxi

Rotary Axis (B, A - Trunnion)		
B Axis speed	rpm	100
B Axis acceleration	rd/s <sup>2</sup>	30
Angular positional accuracy	arc sec	5
Angular positional repeatability	arc sec	3
Other rotary axes configurations	-	A on B ; A-Trunnion
B Axis table diameter	mm	635

Spindle	Tool Attachment		HSK63
	Power	kW	30 / 37
	Torque	Nm	30 / 50 at 9.500 rpm
	Speed (75% of 24.000 max rpm)	rpm	18.000
	Coolant thru spindle max. pressure	bar	50

Tool Magazine	Tool Attachment		HSK63
	Maximum number of tools	-	30 (40 option)
	Maximum tool diameter		
	with occupied adjacent pockets	mm	95
	with empty adjacent pockets	mm	160 (220 option)
	Maximum tool length (HSK face to tip)	mm	275 (350 option)
	Maximum tool weight	kg	4
	Tool change time - VDI 2852	s	3,7 at 15.000 rpm

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