

Technical data

Machine type			
Main specifications			
Distance between centres	mm	800	1000
Grinding length	mm	600	1000
Centre height	mm		175
Weight of workpiece between centres	kg		100
Load on chucked work	Nm		100
Mains voltage required		3 x 400V / 50 Hz / 3 x 460V / 60 Hz	
Power consumption depending on equipment A		25	
Space required / length x width	mm	2400 x 1700	3000 x 1700
Longitudinal / slide: Z-axis			
Travel	mm	750	1150
Rapid traverse speed	m/min		12
Resolution	µm		0.1
Swivelling range of upper table	degree		9
Wheelslide: X-axis			
Travel	mm		320
Rapid traverse speed	m/min		6
Resolution	µm		0.1
Swivel devices			
Autom. indexing / 1° Hirth coupling			option
Man. indexing / 2.5° Hirth coupling			yes
Swivelling range	degree		+10 -210
Wheelhead general			
Drive motor water-cooled	kW		5
Peripheral grinding wheel speed	m/s		35 / 40
Wheelhead R / UR			
Grinding wheel dimensions, lefthand side	mm		400 x 63 x 127
	option		450 x 80 x 203
Grinding wheel dimensions, righthand side	option mm		300 x 40 x 127
Wheelhead RS			
Grinding wheel dimensions, righthand side	mm		450 x 80 x 203
Internal grinding attachment only for UR			
Bore for spindles up to	mm		120
Rotational speed of spindle, motor infinitely variable	min-1		6 – 21'000
Motor output	kW		2.5
Workhead			
Rotational spindle speed	min-1		8 – 800
Driving torque spindle	Nm		15
Spindle nose / internal taper			DIN 55026 #5 MT5 / ASA 5
Swivelling range	option degree		-10 +100
Tailstock			
Internal taper			MT4
Retraction of sleeve	mm		48
Micro-adjustment	option µm		+ / -60
CNC control system			
GEFanuc			2li
Measuring systems			
Gap Control			Movomatic
Active longitudinal positioning			Movomatic
Passive longitudinal positioning			Movomatic
In-process gauging			Movomatic

All specifications and designs are subject to alterations without notice