

Technical data

Machine type		KEL-VISTA	
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		32
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		350
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		220
Wheelhead general			
Drive motor water-cooled	kW		6
Peripheral grinding wheel speed	m/s		35 / 40
Wheelhead R / UR			
Grinding wheel dimensions, lefthand side	mm		400 x 63 x 127
	option mm		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		6'000 - 21'000
Motor output	kW		3
Workhead			
Rotational spindle speed	min-1		1 - 1000
Driving torque spindle	Nm		15
Internal taper / Spindle nose			MT5 / ISO702-1
Swivelling range	option degree		110
Tailstock			
Internal taper			MT4
Retraction of sleeve	mm		48
Micro-adjustment	option µm		+ / -60
CNC control system			
FANUC			0i
Measuring systems			
Gap Control			KEL-TOUCH
Active longitudinal positioning			Movomatic
Passive longitudinal positioning			Movomatic / Marposs
In-process gauging			Movomatic / Marposs

All specifications and designs are subject to alterations without notice

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