

Technical data

Machine type	KEL-VERA		
	Universal	Universal for Flanged Parts (URF)	Production
Technical data			
CNC control system	GRINDplusIT / GE FANUC 310is		
Distance between centres	mm	400	
Centre height with upper table	mm	175	
Centre height without upper table	mm	250	175
Mains voltage required	3 x 400V / 50 Hz / 3 x 460V / 60 Hz		
Power consumption depending on equipment	A		35 - 80
Space required	mm	2700 x 2100	
Weight of workpiece			
Between centres	kg	150	150
Load on chucked work	Nm	160	160
Longitudinal slide: Z-axis			
Travel	mm	600	
Rapid traverse speed	m/min	30	
Resolution	µm	0.1	
Upper Table			
Swiveling range of upper table	degree	9	
Wheelslide: X-axis			
Travel	mm	350	
Rapid traverse speed	m/min	15	
Resolution	µm	0.1	
Swivel devices			
Swiveling range	degree	240	0 / 30
Resolution B-axis	sec.	0.1	0.1
Wheelhead			
version	Universal / Diagonal / Tandem		Production
Drive motor	kW	10	15 / 20
Peripheral grinding wheel speed	m/s	45	< 80
Grinding wheel dimensions	mm	Ø 400 / 500	Ø 500 / 600
Workhead			
Rotational spindle speed	min-1	1 - 800	
Driving torque spindle	Nm	60	
Spindle nose / internal taper	MT 5 / ASA 5		
Base part	Fix / adjustment / Micro-adjustment		
Tailstock			
Internal taper	MT 4		
Retraction of sleeve	mm	50	
Base part	Fix / Micro-adjustment		
Clamping area upper table			
Table mounted units	mm	195 x 1100	
Clamping area table slide			
Table mounted units	mm	195 x 1300	
Upper table front side	mm	90 x 1300	
Clamping area cross slide			
Support on cross-slide	mm	430 x 710	

All specifications and designs are subject to alterations without notice

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