

RS 700

Technical Details

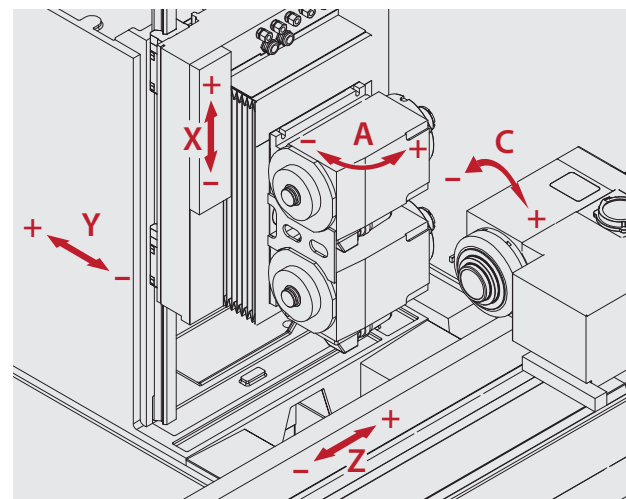
Technical Data RS 700

Travels of axes	X-axis	300 mm
	Y-axis	570 mm
	Z-axis	700 mm
	A-axis (optional)	-3° / +10°
	C-axis	n x 360°
Resolution	X, Y, Z-axis	0.0001 mm
	A-axis (optional)	0.0001°
	C-axis	0.001°
Axis drives	X, Y, Z-axis	5 kN
	Rapid travel speeds X / Y / Z	15 / 30 / 30 m/min
Grinding spindle	Motorized spindle	Ø 170 x 370 mm
	Power S _{60%}	14 kW
	Speed infinitely	up to 7,500 min ⁻¹ / 250 Hz
	Torque const. S _{60%}	27 Nm up to 5,000 min ⁻¹
	Grinding wheel dia max.	350 mm
	Internal taper	HSK 80E
Workpiece spindle	Cutting speed	<140 m/s
	Internal taper	ISO-50
	Speed max.	3,000 min
Machine	Torque max.	17 Nm
	Total connected load	25 kVA
Machine	Supply voltage / frequency	400 V / 50 Hz
	Dimensions W x L x H	2,300 x 2,360 x 2,140 mm
	Weight	ca. 6 t

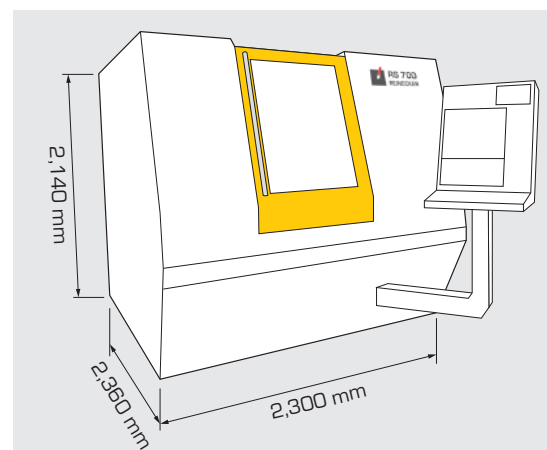
Machining length

Manual loading	Dia max.	200 mm
	Length max.	600 mm
	Weight max.	20 kg
Workpiece automation	Dia max.	25 mm
	Length max.	480 mm
	Weight max.	2.5 kg

Kinematic



Dimensions [in mm]



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