

RS 700

Technical Details

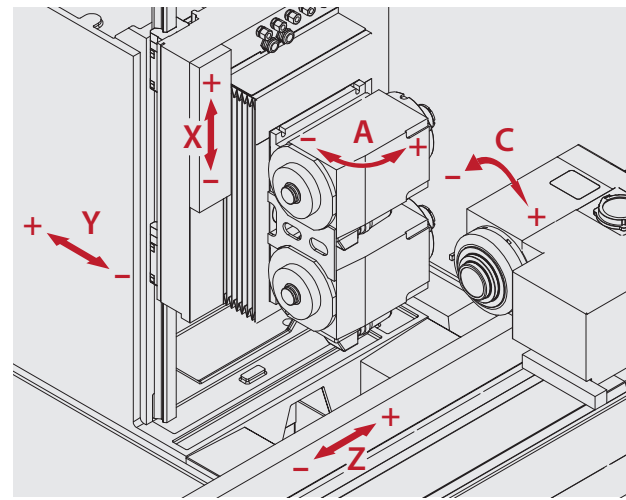
Technical Data RS 700

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 ₆ _{60%}	14 kW
	Speed infinitely	up to 7,500 min ⁻¹ / 250 Hz
	Torque const. S ₆ _{60%}	27 Nm up to 5,000 min ⁻¹
	Grinding wheel Ø 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	approx. 6 t

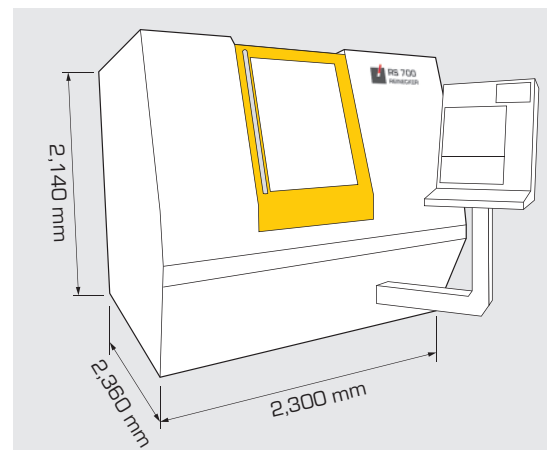
Machining length

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

Kinematic



Dimensions [in mm]



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