

# RS 700

## Technical Details

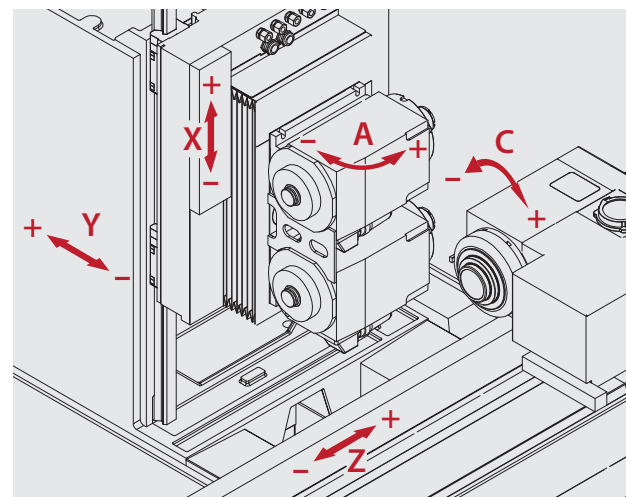
### Technical Data RS 700

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

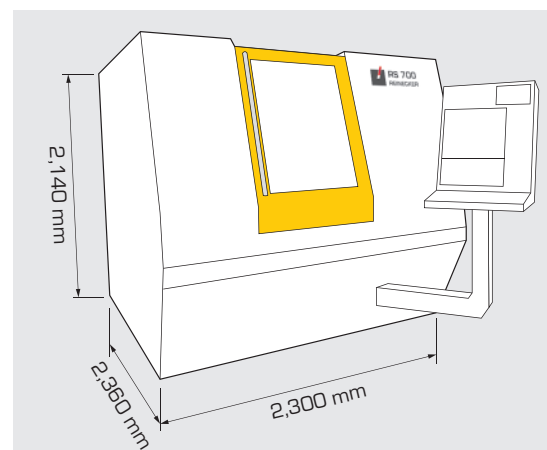
### Machining length

<b>Manual loading</b>	Ø max.	200 mm
	Length max.	600 mm
	Weight max.	20 kg
<b>Workpiece automation</b>	Ø max.	32 mm
	Length max.	480 mm
	Weight max.	2.5 kg

### Kinematic



### Dimensions [in mm]



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