

RS 50

Technical Details

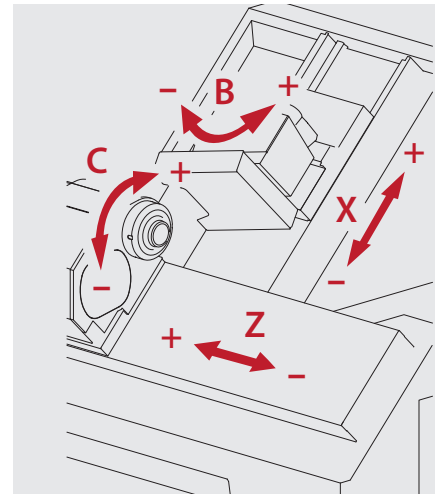
Technical Data RS 50

Travels of axes	X-axis	220 mm
	Z-axis	900 mm
	B-axis (optional)	0 / +80°
Resolution	X-axis	0.0001 mm
	Z-axis	0.0001 mm
	C-axis	0.001°
Axis drives	X-axis	2.4 kN
	Z-axis	2.4 kN
	Rapid travel speeds X / Z	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.	27 Nm up to 5,000 min ⁻¹
	Grinding wheel Ø max.	350 mm
	Schnittgeschwindigkeit	<140 m/s
Workpiece spindle (C-axis)	Aufnahme	TK100 / M6
	Drehzahl max.	3,000 min
	Drehmoment max.	22 Nm
Machine	Total connected load	24 kVA
	Supply voltage / frequency	400 V / 50 Hz
	Dimensions W x L x H	2,420 x 2,130 x 1,800 mm
	Weight	approx. 5.5 t

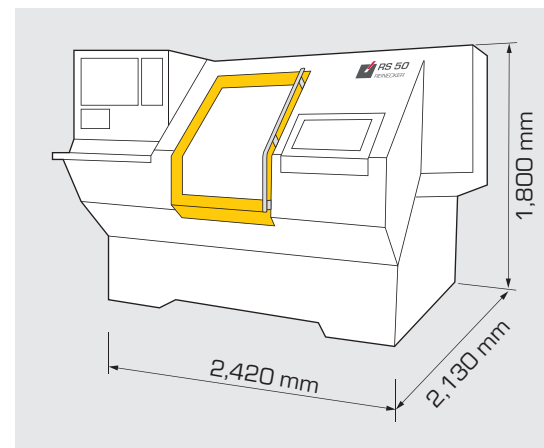
Workpiece dimensions

Manual loading	Ø max.	50 mm
	Length max.	460 mm
	Weight max.	2.5 kg
Workpiece automation (robot)	Ø max.	25 mm
	Length max.	460 mm
	Weight max.	2.5 kg

Kinematic



Dimensions [in mm]



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