

# RS 50

## Technical Details

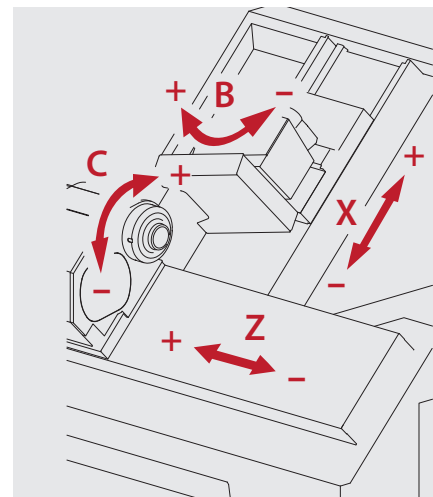
### Technical Data RS 50

<b>Travels of axes</b>	X-axis	220 mm
	Z-axis	900 mm
	B-axis (optional)	0 / +80°
<b>Resolution</b>	X-axis	0.0001 mm
	Z-axis	0.0001 mm
	C-axis	0.001°
<b>Axis drives</b>	X-axis	2.4 kN
	Z-axis	2.4 kN
	Rapid travel speeds X / Z	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.	27 Nm up to 5,000 min <sup>-1</sup>
	Grinding wheel Ø max.	350 mm
<b>Workpiece spindle (C-axis)</b>	Cutting speed	<140 m/s
	Internal taper	REINECKER standard
<b>Machine</b>	Speed max.	3,000 min <sup>-1</sup>
	Torque max.	22 Nm
	Total connected load	24 kVA
<b>Machine</b>	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

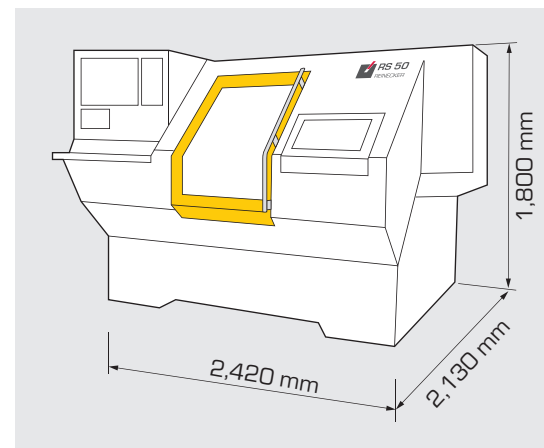
### Workpiece dimensions

<b>Manual loading</b>	Ø max.	50 mm
	Length max.	460 mm
	Weight max.	2.5 kg
<b>Workpiece automation (robot)</b>	Ø max.	32 mm
	Length max.	460 mm
	Weight max.	2.5 kg

### Kinematic



### Dimensions [in mm]



### Ulmer Werkzeugschleiftechnik GmbH & Co.KG

August-Nagel-Str. 9  
 89079 Ulm-Eisingen, Germany  
 Phone +49(0)7305/171-324  
 Fax +49(0)7305/171-328  
 info@werkzeugschleifen.de  
 www.werkzeugschleifen.de

**ULMER**  
 WERKZEUGSCHLEIFTECHNIK