

DR. FRITSCH

SONDERMASCHINEN

Radius Grinding Machine

RSM 360



Dr. Fritsch Sondermaschinen GmbH, 70736 Fellbach, Germany

TECHNICAL SPECIFICATION

RSM 360

for the automatic grinding of segments with diamond-free base

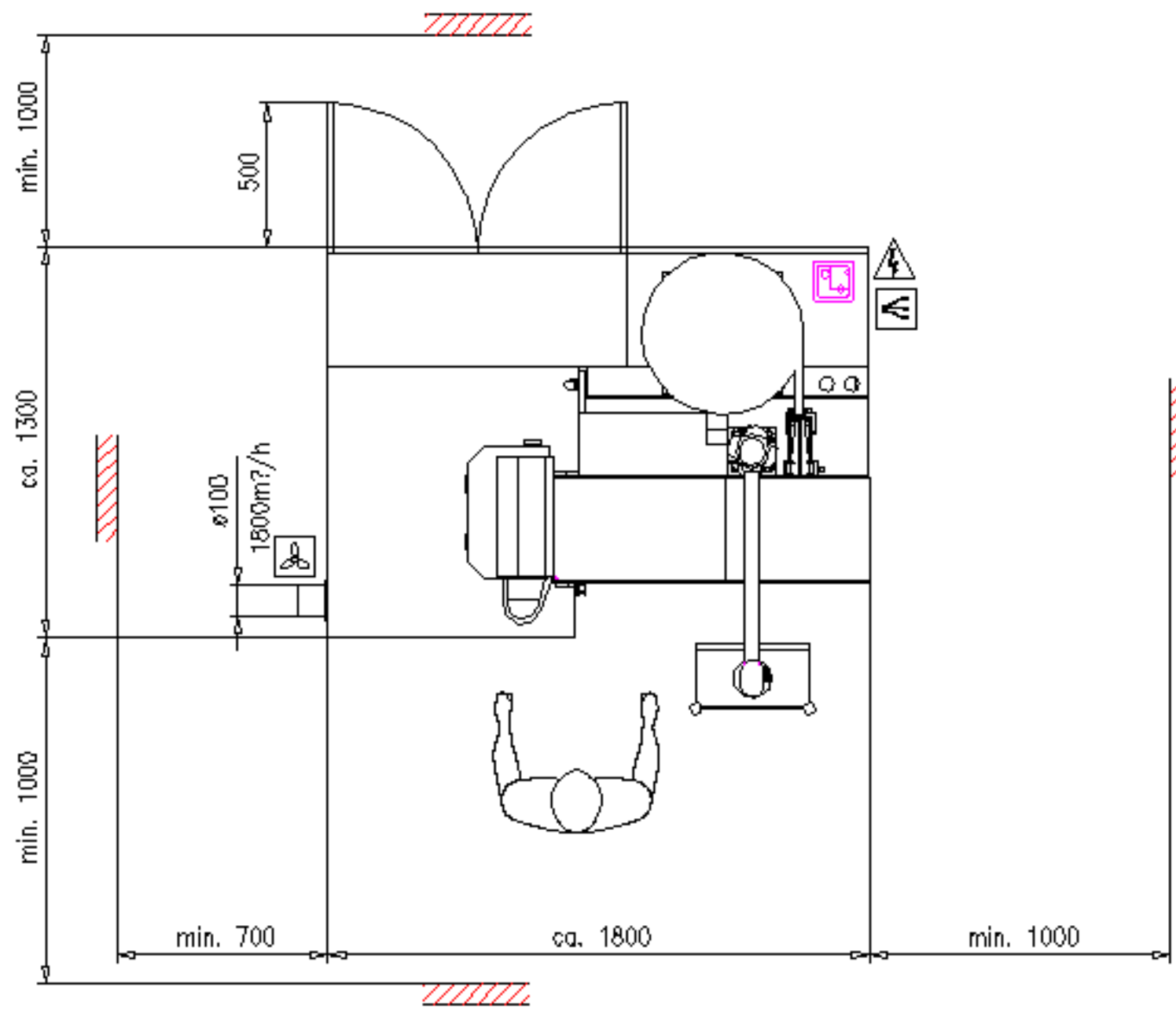
Essential characteristics

- fully-automatic cycle with segment pre-sorting
- most simple operation thanks to central control panel for entering the radius, segment height, and height range for the pre-sorting
- segments are fed by means of bowl feeder or segment magazine
- newly developed measuring system for segment pre-sorting
- high preciseness thanks to CNC control
- short cycle and change-over times
- device for the automatic rectification of the grinding wheels
- highest operational safety (the machine corresponds to the EU standards according to declaration of conformity)
- Machine output: approx. 650 segments per hour (depending on segment dimensions)
- Option: Possibility of sorting the height of the segments after rectification.

Technical data

Total connected load:	approx. 7.5 kVA
Connected voltage:	3 x 400 V, 50/60 cps layout for other voltages and frequencies possible.
Nominal current:	3 x 11 A
Fuses (to be provided by customer)	3 x 20 A
Compressed air:	
- consumption:	approx. 110 l/min., depending on process
- pressure:	4 – 6 bar
Suction system:	to be provided by the customer (flow about 1800 m ³ /h)
- connection:	connecting piece Ø 100 mm
Grinding wheel:	Ø 175 mm, 50 mm thick
Segments:	
- dimensions:	length: 20 – 51 mm thickness: 1.8 – 12 mm height: 7 – 20 mm
- radius	R 42 straight
Dimensions of the machine:	length: approx. 1.800 mm width: approx. 1.300 mm height: approx. 2.000 mm
Weight:	approx. 1400 kg

- Technical data and design are subject to modifications -



max. Maschinenhöhe 2200 mm
 (max machine height)
 erforderliche Raumhöhe 2200 mm
 (required height)

Symbol	Bedeutung (meaning)	Symbol	Bedeutung (meaning)	25 cm -----	0:\ZA\ 27468 Bearb. Datum Name Gepr. 09.06.2009 FRETAG Norm	<h1>AUFSTELLPLAN</h1> layout plan	
Elektrik (electricity) Pneumatik (pneumatic) Kuehlwasser (cooling water) Absaugung (suction)	Gas (gas) Wand (wall) Arbeiter (operator)	DR. FRITSCH Sondermaschinen GmbH 70722 Fellbach	Maschinen Typ : RSM 360 machine type : Zeichnungs Nr.: 4F APL 001 01				