

Cylindrical Grinding Machine - Universal

Stock number:	1009-2258
Type of machinery:	Cylindrical Grinding Machine - Universal
Manufacturer:	STUDER
Type:	S40-12
Year:	1982
Control unit:	CNC
Maker of control unit:	
Country of origin:	Germany
Item location:	D-Eislingen
Delivery time:	immediately
Freight basis:	ex Warehouse

Seller



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Technical specs

grinding diameter:	250 mm
grinding length:	650 mm
centre height:	125 mm
internal grinding spindle rev.-stepless:	9500-50000 U/min
workpiece speeds -stepless:	50-10000 mm/min
grinding head swivelling:	90 Grad
max. dia. of grinding wheel:	400 mm
spindle bore:	30 mm
grinding length - plunge feed:	80 (100) mm
max. grinding depth by internal grinding:	ca. 170 mm
max. bore diameter to be ground:	90 mm
feed speeds:	240 mm/min
max. workpiece weight:	80 kg
required cooling water:	36 l/min
centre distance:	650 mm
distance of workpiece spindle-taper cone:	960 mm
drive capacity - spindle motor:	6,25 kW
connected load:	ca. 10 kW
total power requirement:	8,5 kW
weight of the machine ca.:	3,4 t
dimensions of the machine ca.:	3,9 x 2,5 x 1,85 m

Description

with Studer control, electric/hydraulic drive, variable speed, tailstock with fine adjustment and hydraulic back feed, work piece headstock with increased precision, table air vent.ing, hydraulic removable dressing device, radius-dressing device, Hydro-Cyclone filter, automatic grinding wheel-balancing device, automatic dressing cycle with speed compensation