



Inventory number: 20762

CNC cylindrical grinder
STUDER S 40 CNC
GE FANUC Series 16-GC



Technical data

Centre height	175 mm
Distance between centres	1000 mm
Workpiece weight on centres max.	130 kg
Workpiece dimensions:	
Grinding weehl left side:	
Diameter	400 mm
Width	80 mm
Bore	127 mm
Grinding wheel right side:	
Diameter	400 mm
Width	80 mm
Bore	127 mm
B axis resolution max.	5 °
B axis swivelling range (automatic)	15° + 205 °
Grinding wheel speeds:	
number (steps)	2
up to	1670 / 2110 rpm
Revolving unit with Hirth serration	
Rotatable grinding spindle head (b-axis)	5 °
Peripheral speed	35 m/s
Longitudinal slide:	
Max. travel	1050 mm
Resolution	0.0001 mm
Feed speed up	0.0001 - 10000 mm/min
Transversal slide:	
Max. travel	275 mm
Resolution	0.0001 mm
Feed speed up	0.0001 - 10000 mm/min
Work piece spindle head:	
speeds:	

from	30 rpm
up to	750 rpm
rotatable	90 °
taper in spindle: MT	5
Required power	0.785 kW
Tailstock:	
Hydraulic return	
Taper in tailstock:	3 MT
Tailstock travel of barrel	35 mm
Max. table angular displacement	8.5 °
Air connect	5 bar
Voltage 50 Hz 3x	400 Volt
Workpiece spindle motor	7.5 kW
Total power required	30 kVA
Machine's weight about	5100 kg
Overall dimensions machine:	
Length	3750 mm
Width	1200 mm
Height	2300 mm
Various accessories:	
Internal grinding attachment:	
Number of spindles	1
up to	60000 rpm
Lamp	
Tailstock with fine ajustement	
Electronic hand held control	

















