



Inventory number: 22918

CNC Internal grinder
STUDER S 145 CNC
GE FANUC Series 16-T



Technical data

Workpiece length max.	850 mm
Maximum workpiece weight	150 kg
Swing diameter:	
Above the workpiece table	350 mm
In front of the workpiece table	440 mm
Centre height	175 mm
Axial motion:	
Longitudinal travel (Z-axis)	500 mm
Cross travel (x-axis)	120 mm
Workpiece spindle stock (Q-axis)	+ / -30°
Feed range:	
Z axis (longitudinal travel)	0.001-10000 mm/min
X axis (transversal)	0.001-10000 mm/min
C axis (spindle,resolution)	0.004 °
Grinding spindle head:	
Swivelling range	0 - 270 °
Number of positions	4
Work piece spindle head:	
speeds:	
stepless	
from	1 rpm
up to	1000 rpm
Typing speed	1 - 50 rpm
Spindle hole	50 mm
taper in spindle: ISO	50
Work piece spindle nose CAMLOCK	6"

Air connect	5 bar
Voltage 50 Hz 3x	400 Volt
Workpiece spindle motor	3 kW
Total power required	22 kVA
Machine's weight about	5700 kg
Overall dimensions machine:	
Length	3000 mm
Width	2000 mm
Height	2200 mm
Various accessories:	
Wheel truing device for	
2 or 3 faces	
Lamp	
3-jaw chuck	
Electronic hand held control	
Central lubrication	









