



Inventory number: 22310

CNC Internal grinder
STUDER S 145 CNC
GE FANUC Series 16-T
2001



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:	
Workpiece spindle with	
Pneumatic lifting	
Hydraulic clamping	
Z-axis revised	2017
B-axis revised	2017
Redressing device	
Profile wheel trueing attachment	
Process Monitoring	DITTEL SENSITRON 2
Measuring head MARPOSS	T25
Paper filter facility	
Full splash cabin	
Lamp	
Preparation for loader	
Electronic hand held control	
Interface serial port RS 232	
Central lubrication	
Automatic sliding door	
Blow gun	
Foot pedal	
External grinding spindle	
numbers	1
max. speed	12000 rpm
Internal grinding spindle:	
numbers	2
max. speed	42000 rpm
max. speed	60000 rpm















