

SAM 023256**STUDER Type CT 960**

Group	Internal grinding machine
Manufacturer	STUDER
Type	CT 960
Controller CNC	Fanuc 31i-A



Centre height	150 mm
Grinding length	150 mm
Travels:	
Z axis	400 mm
X axis	400 mm
Grinding wheel:	
Diameter	250 mm
B axis swivelling range	+61 - 91 °
Turret grinding tool holder num. of spindles	4
Grinding wheel speeds:	
Spindle 1:	6000 t/min
Spindle 2:	45000 t/min
Spindle 3:	60000 t/min
Spindle 4:	90000 t/min
Rotatable grinding spindle head (b-axis)	-5 / +275 °
Spindle hole	35 mm
taper in spindle: MT	5
Feeds:	
X axis	12 m/min
Z axis	12 m/min
Air connect	6 - 10 bar
Voltage 50 Hz 3x	400 Volt
Total power required	34 kVA
Machine's weight about	4050 kg
Overall dimensions machine:	
Length	3'218 mm
Width	2256 mm
Height	2300 mm
Various accessories:	
Coolant system	
Measuring feeler gauge	
Redressing device with diamant	
Spindlecooling	
Set of flanges for internal grinding	
Set of tool holders	
3-jaw chuck diameter	100 mm / 125 mm / 160 mm
Set of hard jaws	
Set of soft jaws	
Lamp	
Tool cabinet	

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Magnetic chuck diameter

125 mm / 300 mm

Set of service tools

Fire extinguishing system

Three-jaw bezel folds open

Switch cabinet Air conditioner

Handwheel electronic

External grinding spindle

6000 t/min

Set of collets

Calibration accessories









