



Inventory number: 22613

CNC turning lathe
EMCO MAXXTURN 45 SMY
GE FANUC Series 18i-TB
2010



Technical data

Number of spindles	2
Number of revolvers	1
Swing over cross-slide	300 mm
Swing diameter over bed	430 mm
distance between spindles	720 mm
Max. bar diameter	45 mm
Turret carriage:	
Travels:	
Longitudinal travel (Z-axis)	510 mm
Transversal stroke (X axis)	160 mm
Transversal travel (y-axis)	+40 / -30 mm
Turret slide:	
Number of positions	12
Driven tools turret	12
Spindle speeds	6000 rpm
Tool shank cross section	16 mm
Power of driven tools	4 kW
Torque max.	16 Nm
Spindle nose: VDI	25
Indexing time	0.2 sec
Main spindle:	
Taper in spindle	DIN 55026 KK5
Internal spindle diameter	42 mm
Inner taper type	F48
C axis (spindle,resolution)	0.01 °
Spindle speeds:	

stepless	
from	0 rpm
up to	6300 rpm
Spindle power	13 kW
Torque max.	78 Nm
Back spindle:	
Taper in spindle	DIN 55026 KK4
max. speed	6300 rpm
Inner taper type	W31.75
Power of back spindle	7.5 kW
Spindle torque	43 Nm
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Total power required	25 kVA
Machine's weight about	4500 kg
Overall dimensions machine:	
Length	2575 mm
Width	1760 mm
Height	2000 mm
Various accessories:	
Collet device	
Set of collets	W31.75
Lamp	
Spindle blow out (backspindle)	
Coolant system	
Preparation for aspiration	
Bar feeder	LNS
Type	SUPER HYDROBAR
Centering microscop	
Handwheel electroinic	
C axis	
Pneumatic part gripper	
Set of toolholders	
Switch cabinet Air conditioner	
Status light	























