



Inventory number: 22714

CNC automatic lathe / CNC Swiss type  
lathe

TSUGAMI-MORI BS-12CE(S)-III

TSUGAMI-MORI MSC-501 (FANUC)

2003



### Technical data

Number of axis total	6
Number of spindles	2
Turning diameter	3 - 12 mm
Maximum turning length	210 mm
Max. drilling diameter	12 mm
Max. threading diameter	6 M (Metric)
Spindle speeds:	
stepless	
from	200 rpm
up to	12000 rpm
Back spindle:	
speeds:	
from	200 rpm
up to	8000 rpm
Tool-holder:	
Number of stations	5
number of tools	13
Turning tools	7 pce
Drilling tools	3 pce
Transverse processing tools	3 pce
Power of driven tools	0.9 kW
Tool length	85 mm
Tool shank cross section	12 mm
Counter-operation:	
number of tools	5

number of driven tools	2
Turning tools	3 pce
Feeds:	
stepless	
from	1 mm/min
up to	6000 mm/min
Rapid traverse:	18 m/min
Spindle motor	1.5 / 2.2 kW
Power of back spindle	0.75 / 1.1 kW
Air connect	4 bar
Total power required	9 kVA
Machine's weight about	2200 kg
Overall dimensions machine:	
Length	1870 mm
Width	1150 mm
Height	1685 mm
Various accessories:	
Parts catcher	
Lamp	
Oil mist extractor	
Set of collets	
Status light	















