

SAM 021681**BROTHER Type TC-31 A**

Group	Vertical machining center with 2 tables
Manufacturer	BROTHER
Type	TC-31 A
Controller CNC	CNC – A00
Year	2000
Youtube video	https://youtu.be/sHqaka9K_BA



Number of axis total	3
Number of tables	2
Number of spindles	1
Table length	500 mm
Table width	270 mm
Table load max.	80 kg
Longitudinal travel (X-axis)	350 mm
Transversal travel (y-axis)	250 mm
Vertical travel (z axis)	350 mm
Tool changer:	
Number of tools	26
Tool diameter max.	55 mm
Tool lenght	200 mm
Max. tool-weight	2 kg
Spindle nose: BT	30
Distance spindle nose to table	200 - 550 mm
Spindle speeds:	
stepless	
from	22 t/min
up to	22000 t/min
Feed range	5 - 20000 mm/min
Rapid traverse:	50 m/min
Air connect	4 - 6 bar
Voltage 50 Hz 3x	380 Volt
Total power required	25 kVA
Machine's weight about	2100 kg
Overall dimensions machine:	
Length	2341 mm
Width	1410 mm
Height	2165 mm

Various accessories:

Coolant system
 Tool setter
 Handwheel electroinic
 Rinsing Guns



