

brother
TC-S2A
CNC TAPPING CENTER

Warning labels and safety instructions for the machine, including symbols for electrical safety, fire, and other hazards.

This machine sold and serviced by
HM
HALL MACHINE TOOLS
763-553-1711

Control panel featuring a Brother CNC control system with a screen, keypad, and emergency stop button.

BROTHER TC-S2A

Travels	X - 18.9 Y - 14.2 Z - 10.6
Rapid Traverse	X, Y - 1,417 IPM Z - 1,968 IPM
ATC Time	Tool to Tool 1.1 Seconds Chip to Chip 1.8 Seconds
ATC	14 Position
Spindle HP	9.8 / 6.7
Spindle Speed	10,000 RPM Standard 16,000 RPM Optional
Tapping Speed	6,000 RPM



brother
TC-S2A
CNC TURNING CENTER

This machine will not be serviced by
HM
HALL'S MACHINE TOOL
763-553-1711

BROTHER TC-S2A

Travels X-18.9
Y-14.2
Z-10.6
Rapid Traverse X, Y-1,411 IPM
Z-1,968 IPM
ATC Time Tool to Tool 1.1 Seconds
Chip to Chip 1.8 Seconds
ATC Spindle HP 14 Position
Spindle Speed 9.8 / 6.7
Tapering Speed 10,000 RPM Standard
16,000 RPM Optional
6,000 RPM



HALES MACHINE TOOL INC

BROTHER TC S2A

\$49,980.00

FOB: HALES MACHINE TOOL

TERMS AVAILABLE
IN STOCK READY FOR IMMEDIATE DELIVERY

UNDER POWER AND READY FOR DEMO.

SPECIFICATIONS

TRAVEL

	TC-S2A
X-Axis:	18.9"
Y-Axis:	14.2"
Z-Axis:	10.6"
Distance Between Table Top to Spindle Nose:	6.3" ~ 16.9"

TABLE

Work Area Size:	23.6" x 11.8"
Maximum Loading Capacity:	331 lbs

SPINDLE

Spindle Speed: 10,000 RPM

Tapping Speed: 6,000 RPM

Spindle Taper: (BT-30)

*330 lbs per side w/parameter change

7/24 Taper No.

FEED RATE

Rapid Traverse X & Y- Axis:	1,417 IPM
Rapid Traverse Z-Axis:	1,968 IPM
Cutting Feed Rate X & Y-Axis:	0.04~394 IPM
Cutting Feed Rate Z-	0.04~787 IPM

Axis:

ATC

Tool Shank Type:	MAS-BT30
Pull Stud Type:	MAS-P30T-2
Pull Stud Type Optional CTS:	
Tool Storage Capacity:	14
Maximum Tool Diameter:	3.1"
Maximum Tool Length:	7.9"
Maximum Tool Weight:	6.6 lbs
Tool Selection:	Random Path
Tool Change Time: (Tool-to-Tool in seconds)	1.1
(Chip-to-Chip in seconds)	1.8

MOTORS

For 10,000 RPM Spindle: (10min/Cont.)	9.8/6.7 HP
For 16,000 RPM Spindle: (Optional)	11.26/4.9 HP
For Axis Feed X & Y-Axis:	.96 HP
For Axis Feed Z-Axis:	1.6 HP
Z-Axis Thrust:	2005 ft-lbs

POWER SOURCE

Power Supply:

TC-S2A
230V 3-Phase ±10%

	50/60Hz ±1
Power Capacity KVA (max):	9 (20)
Working Air Pressure MPa:	(4~6kg f/cm ²) 0.4~0.6
Required Air Flow L/min:	90