

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

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|-----------------------|---|
| 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 |

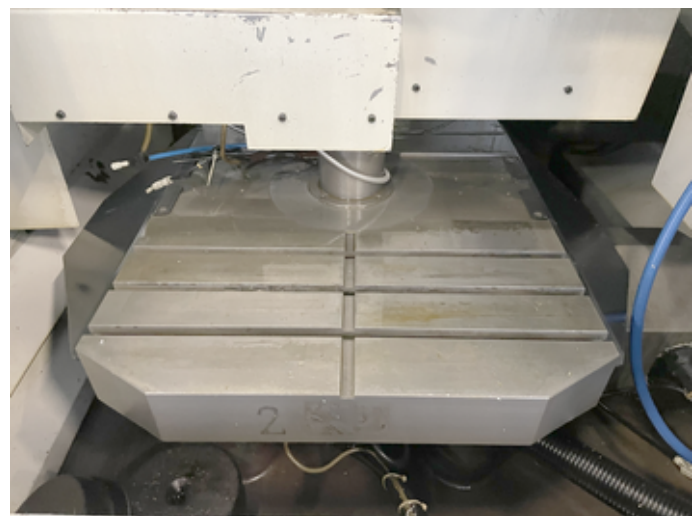


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|--------------------------------|------------------|
| Number of axis total | 3 |
| Number of tables | 2 |
| Number of spindles | 1 |
| Table length | 500 mm |
| Table width | 270 mm |
| Table load max. | 80 kg |
| Longitudinal travel (X-axis) | 350 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

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