JASON

TAPPING CENTER TC-324

New Product

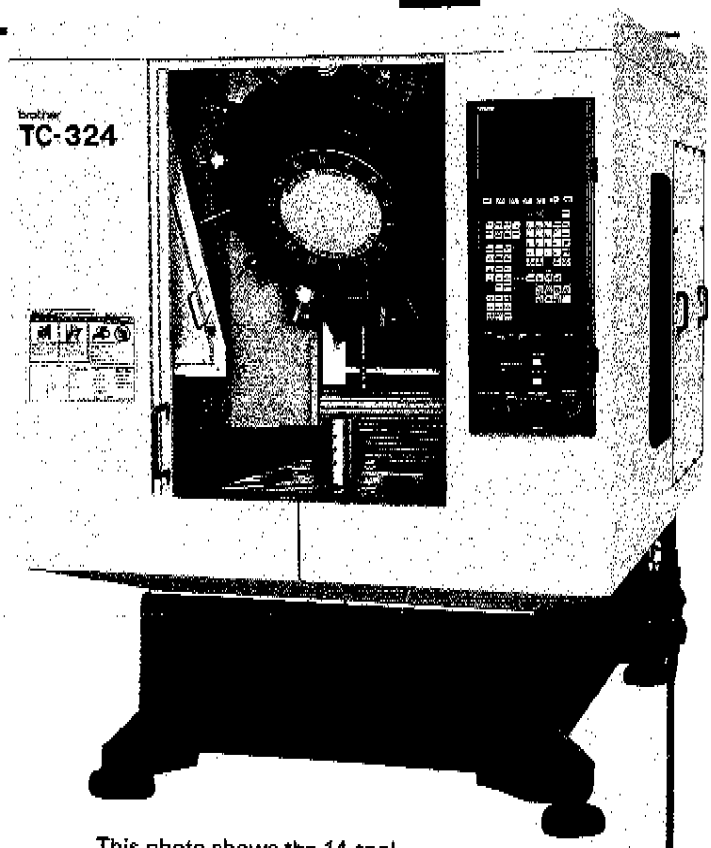
The Brother TC-324 can raise your productivity higher as it lowers your labor requirements.

The new 14-tool specifications machine

This versatile and powerful tapping center delivers non-stop and high precision machining with less need for labor. The TC-324 is able to achieve this while offering a wide variety of built-in machining operations.

■Features

1. **Addition of Newly Developed 14-tool tool change unit (ATC)**
   - In addition to the conventional 10-tool ATC, the 14-tool ATC specifications machine has been developed, allowing further diverse machining to be handled.
2. **Rotating Pallet Table (Quick Table)**
   - While the workpieces on one pallet are being machined, an operator can load or unload workpieces on the other. When the machining is completed, the Quick Table rotates 180°, resulting in non-stop machining.
   - During machining, the high precision table is rigidly locked as the column performs all operations.
3. **High Production from Simple Operations**
   - The high productivity TC-324 is controlled by its powerful yet user-friendly conversational-type controller. It is so easy to learn that beginners will quickly be writing programs that fully utilize the TC-324 's capabilities.
   - With greater torque from the spindle motor, the TC-324 can make heavier cuts in all materials, resulting in faster cycle times. Industry standard compatible G-code also available.
4. **Standard Mounting of Spindle Air Purge**
   - The spindle air purge that prevents the entry of cutting oil or cutting chips into the spindle has been mounted as a standard.
5. **Standard Mounting of Door Interlock**



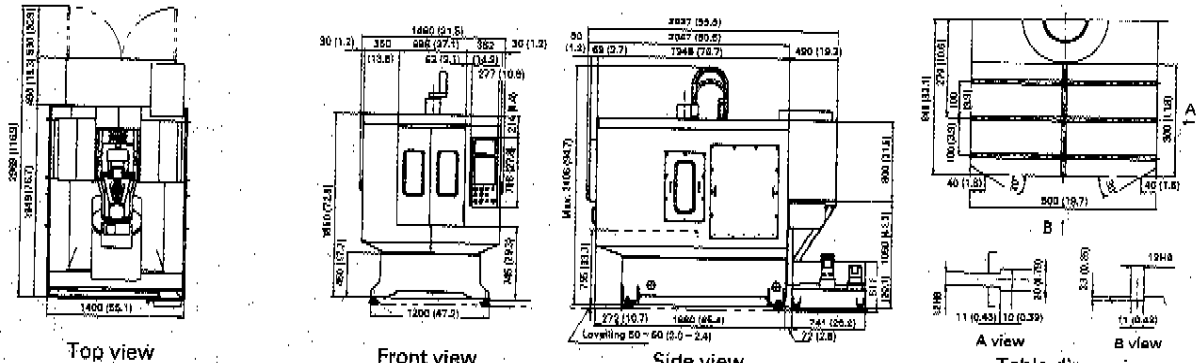
This photo shows the 14-tool ATC specifications machine.

■Machining capacity

Machining / Material	Drill		Tap		Facing	
	Tool diameter mm (inch) × Feed mm (inch)/rev		Tool diameter mm × Pitch mm (inch)		Cutting amount cm³/min (inch³/min): Cutting width mm × Cutting depth mm × Feed rate mm/min	
	6,000min⁻¹ specifications	10,000min⁻¹ specifications	6,000min⁻¹ specifications	10,000min⁻¹ specifications	6,000min⁻¹ specifications	10,000min⁻¹ specifications
ADC	φ27 (φ1.06) × 0.2 (0.008)	φ25 (φ0.98) × 0.2 (0.008)	M24 × 3.0 (7/8)	M24 × 3.0 (7/8)	286 (17.5): 40 × 3.5 × 2,040	
FC20	φ27 (φ1.06) × 0.15 (0.006)	φ25 (φ0.98) × 0.15 (0.006)	M20 × 2.5 (3/4)	M20 × 2.5 (3/4)	69 (4.2): 40 × 3.0 × 573	
S45C (1045)	φ23 (φ0.91) × 0.1 (0.004)	φ23 (φ0.91) × 0.1 (0.004)	M16 × 2.0 (5/8)	M16 × 2.0 (5/8)	48 (2.9): 40 × 1.5 × 484	

■External dimensions

mm (inch)



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