

C04P CNC Mill-Turn Machine

WITH AUTOMATIC LOADING & UNLOADING ROBOT

A compact mill-turn platform combining a 12-position live-tool turret with automated workpiece handling. The source document states an 8-second robot unloading takt; this is not a complete machining cycle time.

AT A GLANCE

Ø35 mm

Maximum bar capacity

12 stations

Live-tool turret

BMT40

Turret interface

5.5 kW

Spindle motor power

**SOURCE-STATED ROBOT UNLOADING TAKT: 8 s**

Confirm workpiece and cycle measurement conditions.

Technical Data & Configuration

Machine model	C04P
Maximum bar capacity	Ø35 mm
Maximum turning length	60 mm (with automatic loading/unloading)
Maximum turning diameter	Ø85 mm (with automatic loading/unloading)
CNC control	Huazhong 808; Mitsubishi E80 / M80 (optional)
Spindle nose	A2-4
Spindle motor	5.5 kW
Maximum spindle speed	6,000 rpm
Live-tool turret stations	12
Turret interface	BMT40
X-axis travel	200 mm
Z-axis travel	260 mm
Y-axis travel	±35 mm
X-axis ball screw	3210
Z-axis ball screw	3210
Y-axis ball screw	3210
Footprint (W × D)	2,138 × 2,063 mm
Machine height	2,445 mm
Machine weight	2,650 kg

STANDARD ACCESSORIES

- Hydraulic rotary cylinder
- Fixed tool holders
- Coolant pump and coolant tank
- Full sheet-metal enclosure
- Automatic lubrication system
- Workpiece-loading robot



12-position live-tool turret and machining area

OPTIONAL EQUIPMENT

- In-process measuring device
- Online workpiece turnover mechanism
- Extended gantry robot
- Live-tool turret

The 8-second figure in the source refers specifically to robot unloading takt. Verify the agreed workpiece, loading/unloading sequence, and measurement method before using it as a production-cycle claim.