

L3 CNC Lathe

WITH AUTOMATIC LOADING & UNLOADING ROBOT

A compact CNC turning platform configured for automated workpiece handling. The source document states an 8-second unloading takt; actual performance depends on the part, tooling, and machine setup.

AT A GLANCE

35 mm

Maximum bar capacity

5.5 kW

Spindle motor power

6,000 rpm

Maximum spindle speed

A2-4

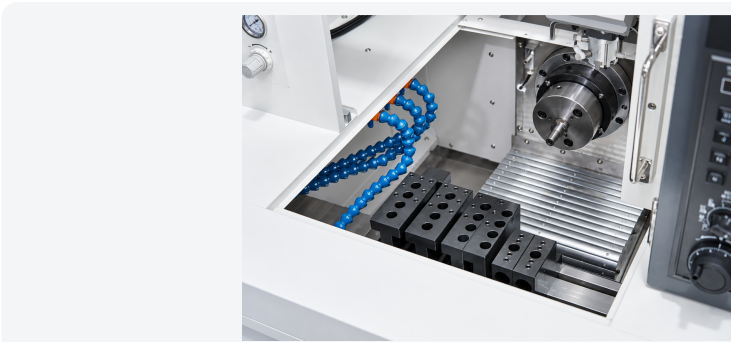
Spindle nose

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

Confirm measurement conditions and definition of takt time.

Technical Data & Configuration

Machine model	L3
Maximum bar capacity	35 mm
Maximum turning diameter	200 / 85 mm*
Maximum turning length	120 / 50 mm*
CNC control	In-house 808; Mitsubishi E80 / M80 (optional)
Spindle nose	A2-4
Spindle motor	5.5 kW
Maximum spindle speed	6,000 rpm
X-axis travel	320 mm
Z-axis travel	280 mm
X-axis ball screw	2510
Z-axis ball screw	2510
Bed construction	One-piece cast bed; high-rigidity moving-spindle structure
Machine guarding	Fully enclosed guarding with sheet-metal outer panels
Footprint (W × D)	1,477 × 1,850 mm
Machine height	1,995 mm
Machine weight	1,650 kg



Machining area and spindle detail

STANDARD ACCESSORIES

- Hollow rotary cylinder × 1
- Tool-setting blocks × 2
- Double-row tool posts × 2
- Single-row tool posts × 3
- Large-capacity coolant tank with settling and filtration
- Coolant pump system with high-pressure pump
- Full sheet-metal enclosure
- Automatic lubrication system
- Loading robot and conveyor

OPTIONAL EQUIPMENT

- Automatic bar feeder
- Automatic chip conveyor
- Chuck
- Collet
- Dedicated workholding fixture
- In-process measurement
- Workpiece turnover unit
- Through-spindle coolant

* The source lists 200 / 85 mm for maximum turning diameter and 120 / 50 mm for maximum turning length, with an automatic loading/unloading note, but does not define what each value in the pair represents. Confirm configuration-specific values with the manufacturer before publication or purchase.