

Miyano

RL03

High Precision CNC Lathe



Machine specifications

Items	RL03
Maximum machining diameter (D)	35 mm Dia. (Collet chuck (fixed type)) 40 mm Dia. (Collet chuck (pull type))
Maximum machining length (L)	50mm
Main spindle speed	80 to 8,000min ⁻¹
Main spindle chuck	3(4)-in. precision power chuck (air) 4-in. diaphragm chuck (air) Fixed type collet chuck (pad type) Pull type collet chuck (pad type)
Tool post type	Horizontal opposite tool post
Number of tools to be mounted	5 (as standard)
Tool size	
Tool	10mm, 12mm, (16mm) Sq.
Sleeve	20mm Dia.
Rapid feed rate	
X axis	24m/min
Z axis	24m/min
Least input increment	
X axis	0.0001mm
Z axis	0.0001mm
Tool post stroke	
X axis	180mm
Z axis	200mm
Center height	875mm
Motor	
Spindle drive	2.2/1.5kW
Axis feed (X, Z)	1kW×2
Coolant pump	0.18kW
Input power	200 VAC three-phase
Input power capacity	7.2kVA
Air pressure for pneumatic devices	0.4MPa
Machine size	1,480 (L) × 700 (W) × 1,600 (H) mm
Weight	1,200kg

Standard Accessories

Splash guard interlock	Coolant tank (90 L)
Pneumatic device	Machine light
Machine relocation detector	

Special Accessories

Chuck systems	High-pressure coolant
Air blower	Signal tower
Fire extinguisher/Automatic power-off	Total & preset counter
Chip conveyor	Chip box

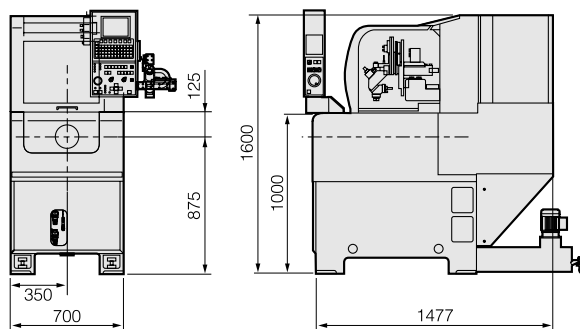
Gantry Loader Specifications (OP)

Handling capacity	
Maximum workpiece dimensions	φ40mm×40mm
Maximum portable weight	250g
Loader service time	3.5sec

NC unit	FANUC FS 0i-TD
Display unit	7.2-in. monochrome LCD
Number of controllable axes	2
Command input method	Absolute / Incremental
Feed command method	Feed per minute / feed per revolution (selectable by G code)
Zero point return function	Manual zero point return
Background edit function	Standard
Program storage capacity	640 m, 256 kbytes
Operating time display function	Standard
Self-diagnostic function	Standard
Alarm history display function	Standard
Earth leakage breaker	Standard

*The maximum spindle speed is restricted depending on the chuck type and specifications.

Machine dimensions



CITIZEN MACHINERY CO., LTD.

CITIZEN

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