



TOMIMATSU

PATENT PENDING

Compact loader operating within the machinery
4-axis loading system

CL-7i

Targeted Manufacturing Machine: Robot drill (mfg by Fanuc Corp)

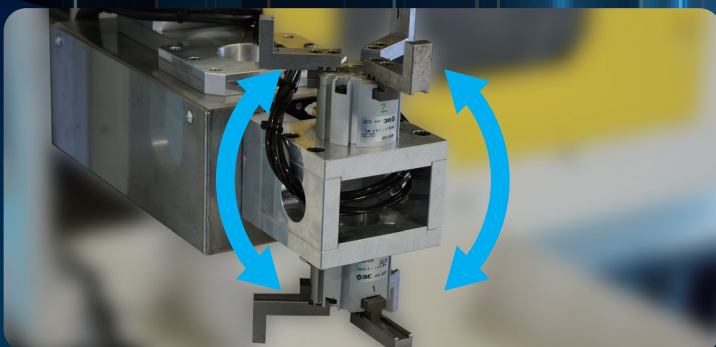


Contributing to a manufacturing cycle and environment using automatic transport/conveyance, processing and supply of processing parts within the machinery

► **4-axis servo drive** *4-axis is optional



► **360-degree rotary double hands** *optional



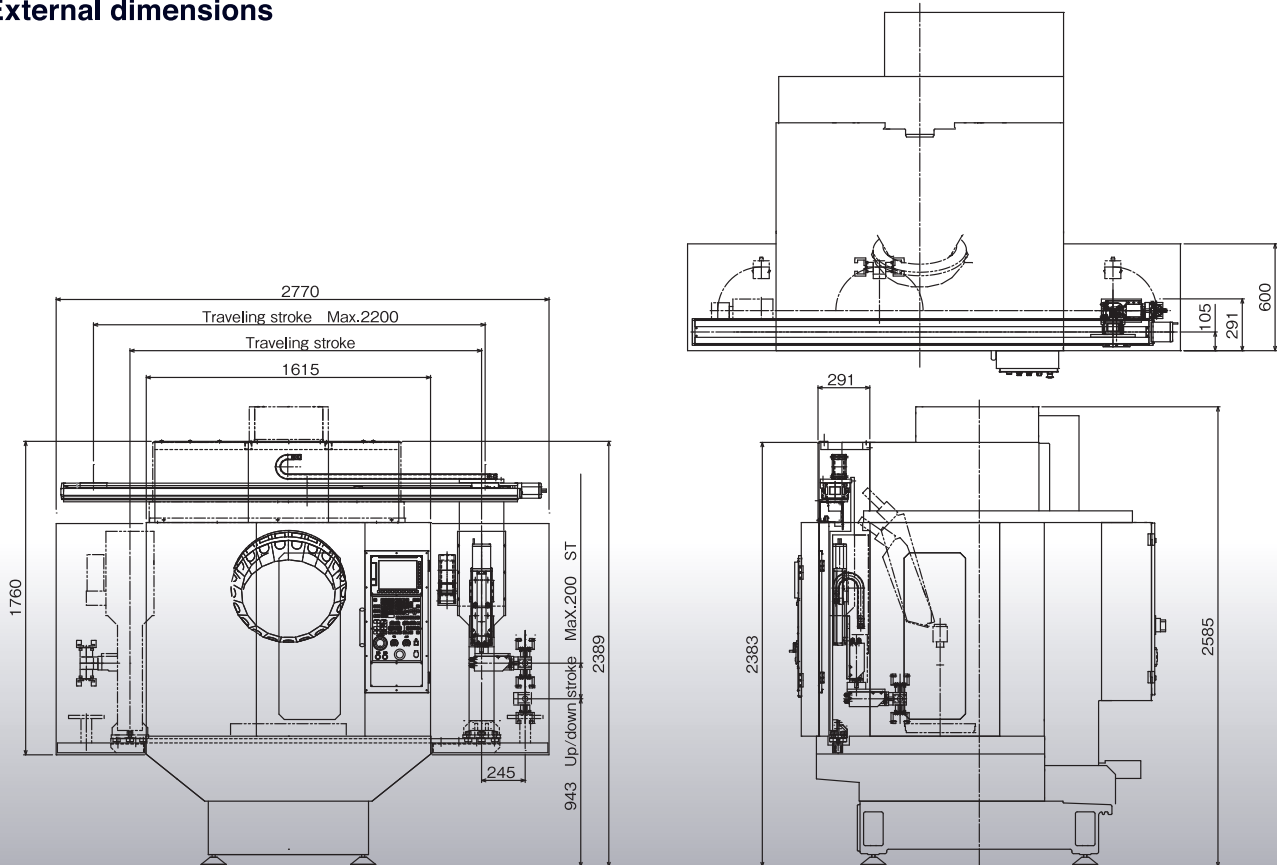
- small space
- compact transport/conveyance
- ensures front work space
- cycle reduction
- simultaneous processing and transport
- opening and closing the front door not needed
- effective collection of drips

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External dimensions



Main unit specifications

	Part position	Drive method	stroke	Maximum speed	drive range
Drive shaft 4 axis	1 axis (traveling)	Servo motor/ball screw	2,200mm	900mm/s	—
	2 axis (up/down)	Servo motor/ reduction device	200mm	300mm/s	—
	3 axis (rotation)	Servo motor/ reduction device	—	180° /sec	180° *
	4 axis (rotation) optional	Servo motor/ reduction device	—	180° /sec	360° *

*Some conditions in the operating range

	Part position	Length	Maximum transport weight	Number of workpieces held	Maximum grip strength	Maximum workpiece size
Hand part (optional)	Arm	250mm	7kg	—	—	—
	Hand	—	—	2	1.5kg/pc	150diameter×50mm height

Manufacture and sales representative



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! Safety Reminders

- Please be sure to thoroughly read the use manual before use.
- According to regulations by the Ministry of Health, Labour and Welfare, when operating industrial robots, the employer is required to take preventive measures to prevent danger through the contact with industrial robots, such as the installation of railing or fences outside the range of movement, and to carry out special training for the safety and health of employees related to the work.

*Specifications and external appearance of the products may change without prior notice. We appreciate your understanding.