

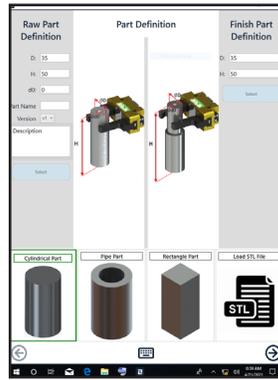
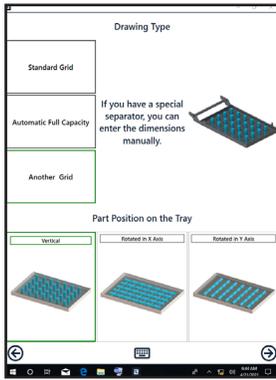
**TOYODA**

# ROBOT LOADERS

**RL7, RL12, RL25**



Toyota Robot Loaders comes in three options based on size to meet various payloads. Each robot loader comes with a Fanuc robot arm, touch screen panel, teaching pendant, and drawer system. Each robot arm is equipped with a Schunk dual arm gripper and is available in left and right hand configuration. The robot loaders can be configured to load from the side or from the front depending on your manufacturing needs.



Each robot loader is equipped with a Fanuc LR Mate robot with a Schunk dual arm gripper for maximum efficiency. The robot performs all loading, discharge, and carrying operations with the help of the gripper.



The robot loader comes with a Fanuc Control panel along with a Teach Pendant for control of the robot. The controller is used for storing data about the robot and its operating environment and storing and executing the programs operating the robot.



The RL7 comes with 5 trays while the RL12 and RL25 come with 4. The trays are designed according to the parts and placed onto shelves movable on the rails. Raw parts are arranged on these trays to allow for easy pickup.

## SPECIFICATIONS

Industrial Robot	RL7	RL12	RL25
Payload	15.5 lb (7 kg)	26.5 lb (12 kg)	55 lb (25 kg)
Reach	358.7 in (911 mm)	55.9 in (1,420 mm)	72 in (1,831 mm)
Axes	6		
<b>Gripper</b>			
Standard	Double		
<b>Drawers</b>			
# of Drawers	5	4	
Payload	110 lb (50 kg)	440 lb (200 kg)	
<b>Controller</b>			
Controller	Fanuc		
System Software	Toyoda Automation Management HMI		
<b>Machine Dimensions</b>			
Length	2.75 ft (840 mm)	3.8 ft (1,550 mm)	
Width	7.9 ft (2,400 mm)	10.4 ft (3,165 mm)	

