

MD



DUAL MACHINE TENDING SYSTEM FOR TWO-MACHINE OPERATION

Labot MD is a booth-type automation solution designed to maximize productivity and floor space efficiency in multi-machine environments.



01 Dual Machine Tending Capability

One MD can tend two machines simultaneously, minimizing idle time and maximizing overall production efficiency.



02 Front Drawer with Inside-Out Access

The front drawer design allows easy access from the front, enabling quick pallet loading and unloading with minimal space requirements.



SPECIFICATIONS

Dimensions (WxLxH) / Weight	3700×1570×2000 mm (145.6"×61.8"×78.7") / 2,660 kg (5,864 lb)	
Control Software	Smart-EZ	
Number of Drawers	5	
Power Supply	5 kVA	
Pneumatic Pressure	5 bar (72.5 psi)	
Robot	Fanuc Robot	M-20iD/35 (35 kg / 77.1 lb Payload)
		M-710iC/50 (50 kg / 110.2 lb Payload)
	Hyundai Robot	UH020 (20 kg / 44.1 lb Payload)
		HH050 (50 kg / 110.2 lb Payload)
Robot Hand (Standard)	Dual 3-Jaw gripper (4.3 kg / 9.48 lb)	
Robot Hand Gripper Control	Pneumatic	
Workpiece Diameter (min / max)	20mm ~ 200mm (0.79" ~ 7.87")	
Workpiece Length (min / max)	20mm ~ 150mm (0.79" ~ 5.91")	
Workpiece Capacity - Drawer (max)	350 kg (771.6 lb)	
Pallet Capacity (pieces) (Per drawer / Total)	ø30 mm (1.18")	165 / 825
	ø50 mm (1.96")	68 / 340
	ø75 mm (2.95")	39 / 195
	ø100 mm (3.93")	22 / 110
	ø160 mm (6.29")	10 / 50
	ø200 mm (7.87")	5 / 25
Safety	Safety Fence	Standard (Booth Type)
	Laser Scanner Sensor	Option