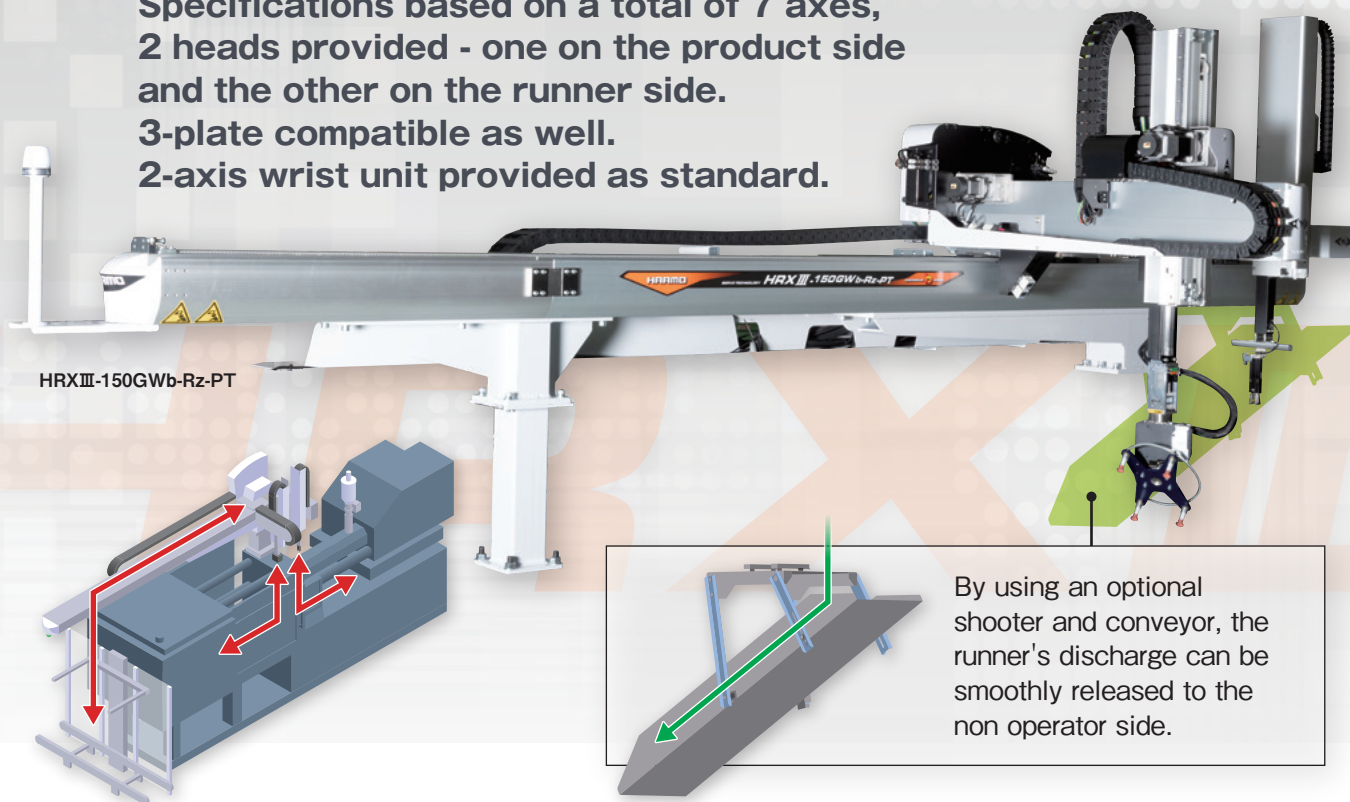


# Longitudinal Travel Type Take-out Robot

# HRXIII-150b-PT SERIES

Specifications based on a total of 7 axes,  
2 heads provided - one on the product side  
and the other on the runner side.  
3-plate compatible as well.  
2-axis wrist unit provided as standard.



By using an optional shooter and conveyor, the runner's discharge can be smoothly released to the non operator side.

## Points for Productivity Improvement Realized by Longitudinal Travel Type Take-out Robots

### ① Area productivity improvement

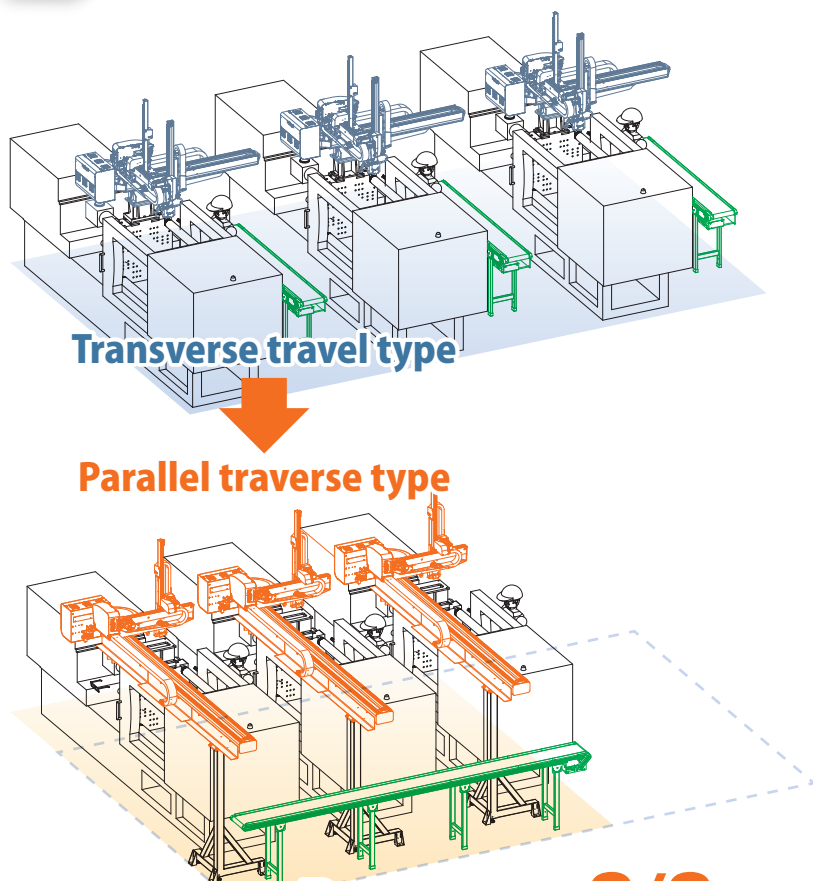
Compared to transverse travel type robots, the space between IMMs can be narrowed; more units can be installed at a factory.

### ② Shift to parallel traverse type robots from swing type robots

When replacing existing swing type robots, even if the space between IMMs is narrow originally, when parallel traverse type robots are adopted, there is no need to relocate IMMs.

### ③ No need to have conveyors for each IMMs

Previously, a conveyor was placed beside each IMM. Now that one conveyor provided at the walkway side can take their place, areas for such operations as inspection, gate cutting, and packing can be concentrated.

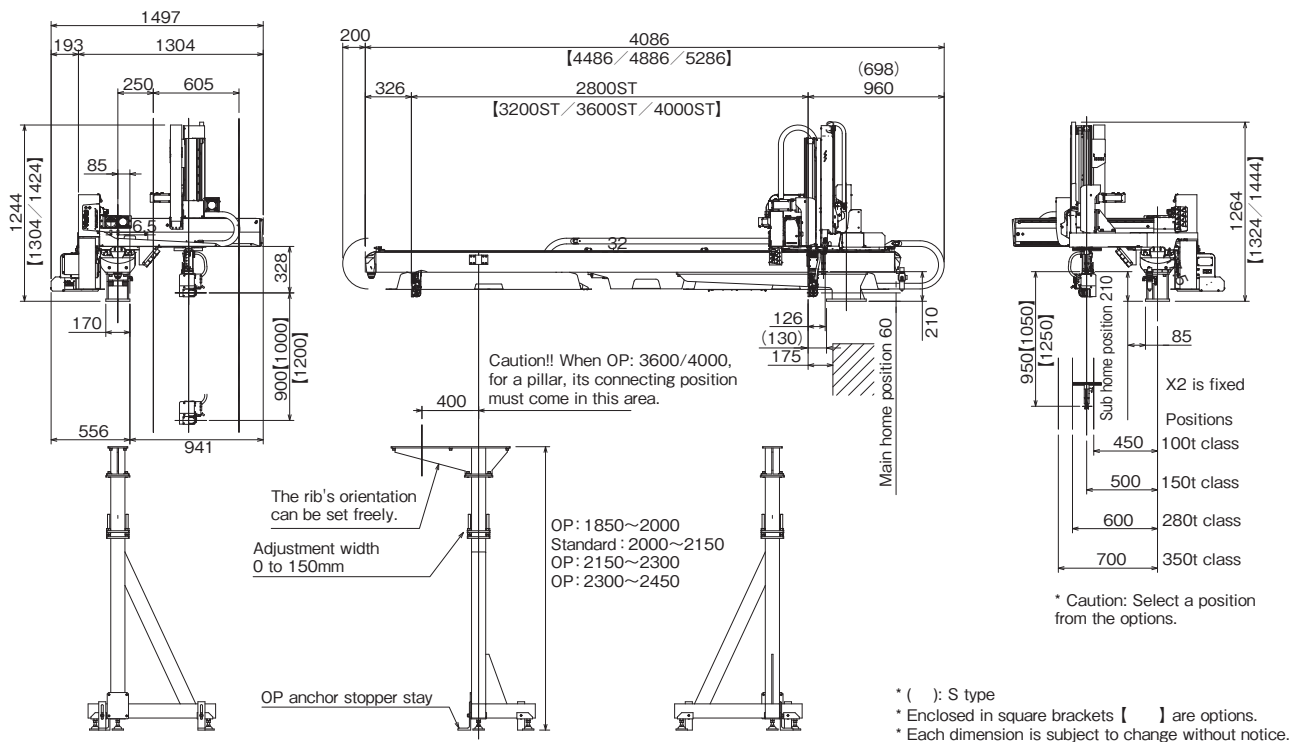


**Installation Space Reduced to 2/3!**

		Rz specification (double)	
		HRX III -150SWb-Rz-PT	HRX III -150GWb-Rz-PT
IMM Size	(ton)	100~300	
Main Vertical Stroke (Z1)	(mm)	900 [1000] [1200]	
Main Vertical Home Position	(mm)	60	
Main Kick Stroke (Y1)	(mm)	2800	
Sub Kick Stroke (Y2)	(mm)	[3200/3600/4000]	
Main Lateral Position (X1)	(mm)	165~770	
Wrist Rotation (Rx/Rz)	(°)	Rx-axis 184°/Rz-axis 320°	
Wrist Rated Torque (Rx/Rz)	(Nm)	Rx-axis 12/Rz-axis 8	
Maximum Payload	(kg)	7	
Sub Vertical Stroke (Z2)	(mm)	—	950 [1050] [1250]
Sub Vertical Home Position	(mm)	—	210
Sub Maximum Lateral Position (X2)	(mm)	—	615
Main Unit Weight for Standard 2800ST	(kg)	320	390
H x W x D	(mm)	1244×3824×1497	1244×4086×1497
Working Air Pressure	(MPa)	0.5	
Air Consumption	(ℓ/cyc[ANR])	0	0.02
Electric Method		HRS-1400	
Control Method		Digital AC servo motor	
Power Supply	(V)	3-phase AC200-220V ± 10% (50Hz/60Hz)	
Power Consumption	(W)	1800	2600

\*1 When using a vacuum ejector, 46 L/min [ANR] per series is consumed separately.

Be sure to create a layout for MMs with user installation conditions and check the required options.



Manufacturer:

**HARMO** CO., LTD.

INTERNATIONAL MARKETING DEPT.  
4124-1, MINAMI-MINOWA KAMINA-GUN NAGANO-PREF. 399-4595 JAPAN  
TEL.+81-265-73-8820, FAX.+81-265-73-8964

<http://www.harmonet.co.jp>

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