

1 All-Axis Servo Driven Type Take-Out Robot

YD-1025S/D, YD-2535S/D

 Separate catalog available

YD-1025S/D, YD-2535S/D

Enhanced design for higher productivity,
less downtime, and lighter environmental footprint.



For CE supported languages,
please contact our sales
department.

 Clamping force 100 - 350 tf

 Vibration control

 Optimized design
+ Power-saving

 All-axis
servo-driven

All-Axis Servo Driven Take-out Robot Enhancing Customer Profitability and Environmental Measures

Combining design optimization, CFRPv3, and vibration control contribute to shorter cycle time and stable take-out.
We have refined our unique ECO Vacuum™ technology to reduce compressed air consumption even further. As a result, robot air consumption can be economized and can reduce capital expenditures. The YD-1025/2535 is sized for molding machines with clamping forces from 100 to 350 tf.

Equipped with E-touch compact 3 as standard



- Smart ECO Vacuum
- Take-out Diagnosis Function
- Torque Monitoring during Manual Operation

The E-touch compact 3 takes the easy operability of the previous YC series controller. And several assist features to become even easier to use.

Standard Specifications

Power supply		Drive method		Controller model		Working air pressure		Flip angle		
1-phase 200 VAC/220 VAC (50/60 Hz)		Digital servo motor 3/5-axis		E-touch compact 3		0.49 MPa		90°		
Model	Power consumption	Traverse stroke [mm]	Kick stroke [mm]		Vertical stroke [mm]		Air consumption [NL/cycle]	Payload [kg]	Noise [dBA]	Target IMM clamp capacity [tf]
			Main arm	Sub arm	Main arm	Sub arm				
YD-1025S	S type 1.9 kVA 200 VAC 9.3 A	(1100) 1500 (1700) (1900) (2200) (2500)	625	—	(650) 800 (900)	—	3.5 Smart ECO Vacuum OFF	5 《8》	79.8	100-250
YD-1025D			540	540	—	(700) 850 (950)	1.2 Smart ECO Vacuum ON			
YD-2535S	D type 2.5 kVA 200 VAC 12.3 A		775	—	900 (1050)	—	3.9 Smart ECO Vacuum OFF		79.1	250-350
YD-2535D			690	690		—	(950) (1100)			

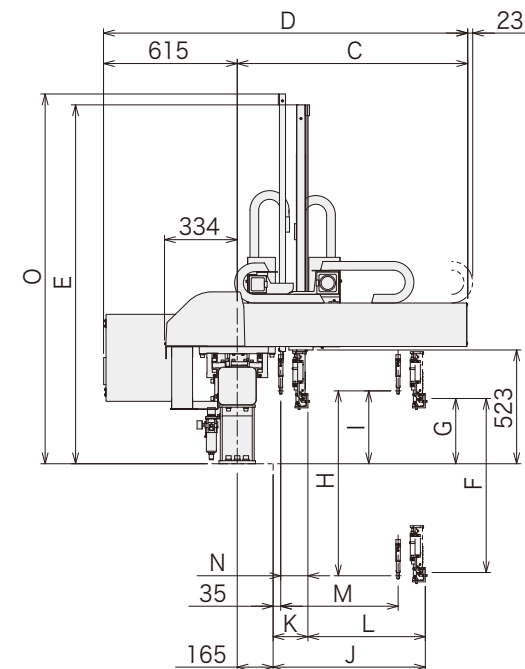
S type : Robot is equipped with main arm only. D type : Robot is equipped with main arm and sub arm.

() : Modified stroke () : Increased maximum payload

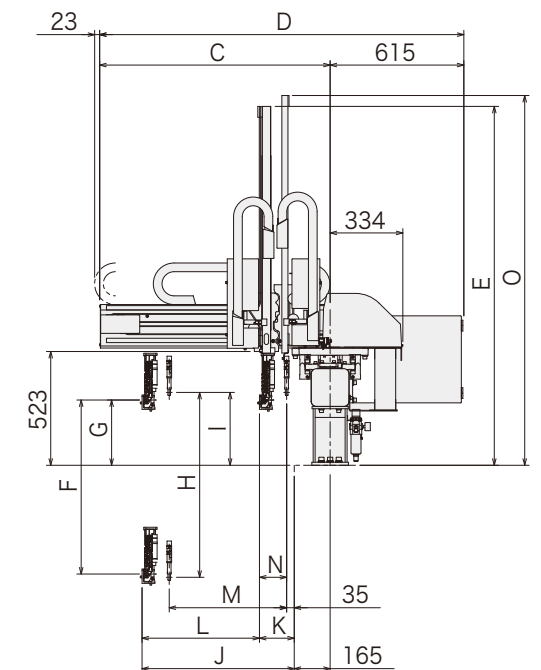
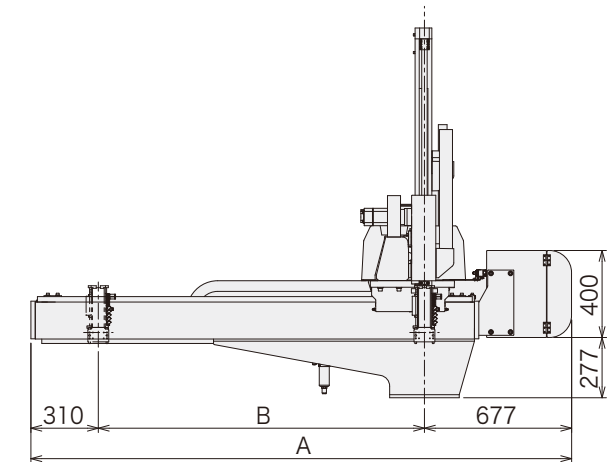
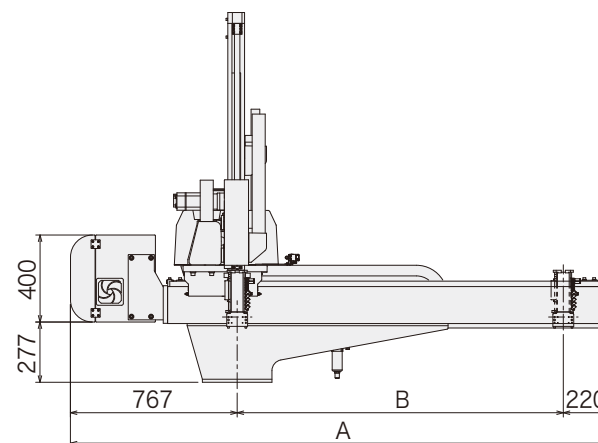
Payload includes the end-of-arm tool.

Traverse beam stanchion is standard equipment for traverse stroke over 1900 mm.

Rear (Non-operator) Side Discharge Direction [mm]



Operator Side Discharge Direction [mm]



[mm]

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
YD-1025S	(2087) 2487 (2687) (2887) (3187) (3487)	(1100) 1500 (1700) (1900) (2200) (2500)	1060	1675	(1498)	(650)	300	—	—	700	75	625	—	—	—
YD-1025D					(1650)	(800)		(700)	(850)		335	160	540	540	125
YD-2535S			1210	1825	(1754)	(900)		—	—	850	75	775	—	—	—
YD-2535D					(1906)	(1050)		(950)	(1100)		335	160	690	690	125

() : Modified stroke

YD-1025S/D, YD-2535S/D

All-Axis Servo Driven Type Take-Out Robot