

1 All-Axis Servo Driven Type Take-Out Robot

CT2-100S/D, CT2-150S/D, CT2-250S/D

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Introducing a new concept that reforms work floor layouts
Compact models for low-clearance installations

Clamping force 80 - 300 tf

Vibration control

Optimized design + Power-saving

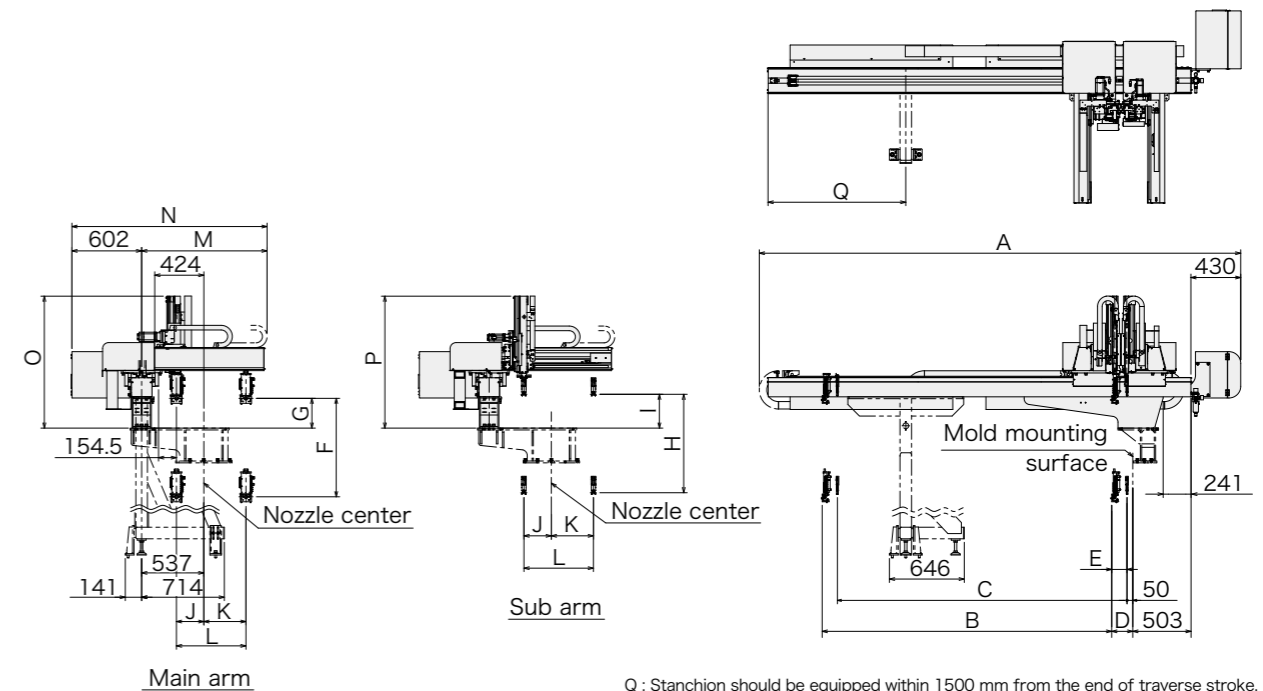
LOW Low posture (Double speed mechanism)

All-axis servo-driven



Separate catalog available

Dimensional Drawings [mm]



Q : Stanchion should be equipped within 1500 mm from the end of traverse stroke.

[mm]

Model	A	B	C	D	E	F	G	H
CT2-100S			—	122	—			—
CT2-100D		S type 2560 (3060) (3560) (4060) (4560)	2500 (3000) (3500) (4000) (4500)	182	132	700		700
CT2-150S	4156 (4674) (5116) (5633) (6153)		—	122	—			—
CT2-150D		D type 2500 (3000) (3500) (4000) (4500)	2500 (3000) (3500) (4000) (4500)	182	132	850 (950)	257	850 (950)
CT2-250S			—	122	—			—
CT2-250D			2500 (3000) (3500) (4000) (4500)	182	132	950 (1100)		950 (1100)

Model	I	J	K	L	M	N	O	P
CT2-100S	—							—
CT2-100D	292						1139	1139
CT2-150S	—		364	600	1083	1685		—
CT2-150D	292	237					1211 (1267)	1211 (1267)
CT2-250S	—							—
CT2-250D	292		514	750	1233	1835	1267 (1339)	1267 (1339)

() : Modified stroke

Space Efficient

CT robots require less clearance between molding machines, which helps fit more units on the production floor.

Switching from Runner Take-out to Product Take-out

Replace your existing runner take-out robot with a new product take-out robot—no additional space needed.

Centralization of Conveyor Belts

No need to have a conveyor belt for each molding machine—this series enables centralized inspection and packing with just one conveyor belt.

Equipped with E-touch compact-YC as standard



- ECO Vacuum™
- ECO Monitor™
- Predictive Maintenance*

* Continuously monitors take-out robot during operation and alerts operator with a message if any signs of potential trouble are detected.

Standard Specifications

Power supply		Drive method		Controller model		Working air pressure		Flip angle		
1 phase AC200/220/230 V (50/60 Hz)		Digital servo motor 3/6-axis		E-touch compact-YC		0.49 MPa		90°		
Model	Power consumption	Clamp-end traverse stroke [mm]		Traverse stroke [mm]		Vertical stroke [mm]		Air consumption [NL/cycle]	Payload [kg]	Target IMM clamp capacity [tf]
		Main arm	Sub arm	Main arm	Sub arm	Main arm	Sub arm			
CT2-100S	S type 1.9 kVA AC200 V 9.3 A D type 2.9 kVA AC200 V 14.3 A	S type 2560 (3060) (3560) (4060) (4560)	—	600	—	700	—	7.3 ECO Vacuum OFF 2.0 ECO Vacuum ON	5	80-130
CT2-100D		2500 (3000) (3500) (4000) (4500)	600		700					
CT2-150S		—	—		—					
CT2-150D		2500 (3000) (3500) (4000) (4500)	600		850 (950)					
CT2-250S		—	—		—					
CT2-250D	2500 (3000) (3500) (4000) (4500)	750	750	950 (1100)	950 (1100)	8.0 ECO Vacuum OFF 2.4 ECO Vacuum ON	180-300			

S type : Robot is equipped with main arm only. D type : Robot is equipped with main arm and sub arm. () : Modified stroke. Payload includes the end-of-arm tool.

All-Axis Servo Driven Type

Swing Type

Side Entry Type

For Vertical Molding Machine

Stock System

Product Series Guide [P11]

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