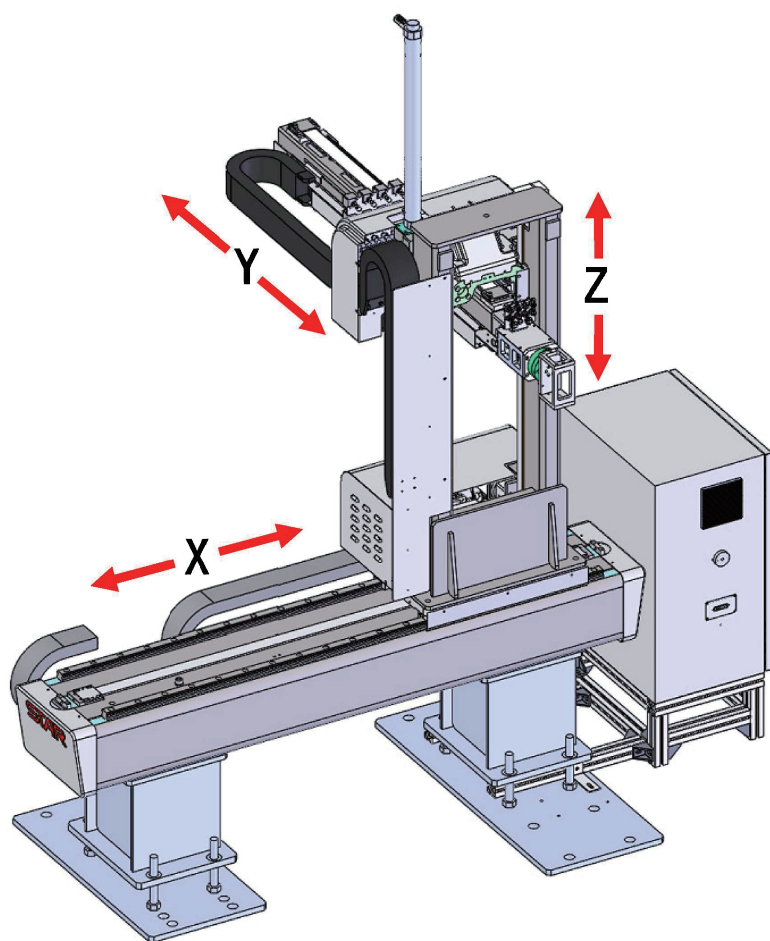


★It is suitable for use in environments where the zenith height is relatively low, making traditional manipulators inapplicable.



PROPERTY

◆High Speed

The maximum forward speed can reach 2.8 meters per second.

◆High Precision

Round-trip accuracy of 0.1 mm

◆Short Cycle

Under standard operations, if the molding time is appropriate, the total cycle can be within 8 seconds.

◆Small Volume

The front and rear arms adopt a two-section design, with the size shortened by nearly 50% compared to the one-section arm.

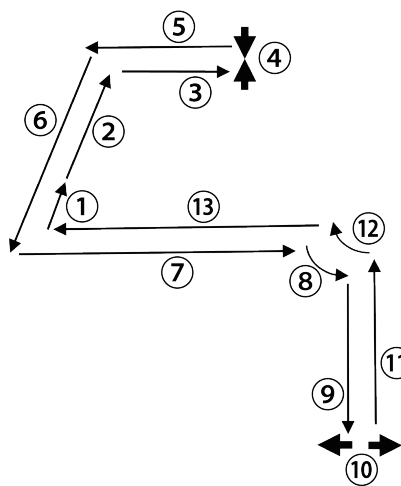
◆More Flexible

1-axis NC is installed on the front and rear arms, enabling the fixture to rotate freely and accurately within the range of 0° to 300°.

◆Expandability

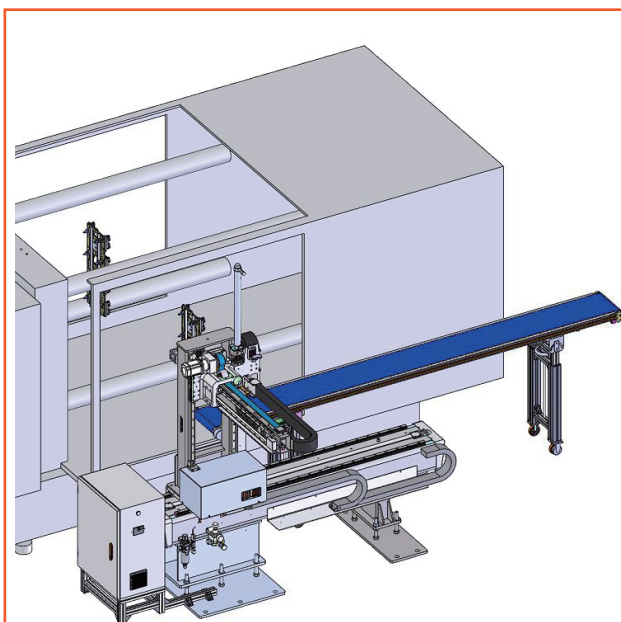
The traveling, lifting, and lowering functions can be extended; it supports single-machine automation, is equipped with a loading and unloading device, and enables quick fixture exchange.

STANDARD ACTION

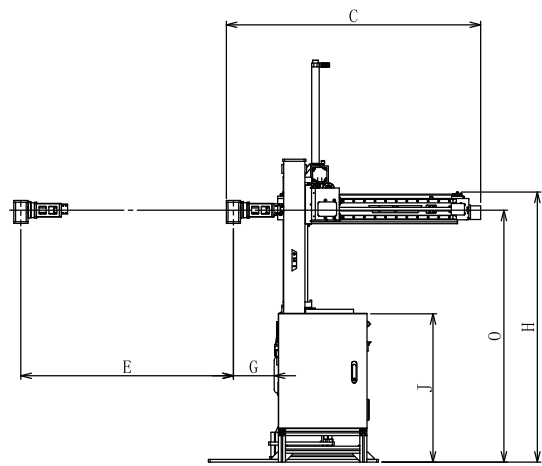
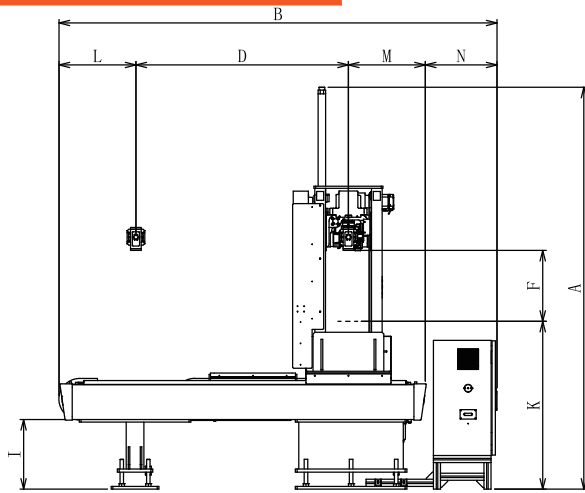


- 1.Forward standby position
- 2.Arm for taking products out of the mold
- 3.Product position advance
- 4.Gripper closed
- 5.Take out and retreat
- 6.Arm return
- 7.Movement to the product release position
- 8.1-axis NC rotation
- 9.Arm lowering
- 10.Gripper open
- 11.Arm raising
- 12.1-axis NC return
- 13.Return to standby position

CASE SHOWCASING



CAPITAL LETTERS



Unit: mm)		MODLE	SXC-010
A	High		2187
B	Wide		2473
C	Body Thickness		1417
D	Traverse Storke		1200
E	Crosswise Stroke		1200
F	Vertical Stroke		400
G	Minimum Position of the Traveling Square Steel Protruding from the Fixture Installation Center		250
H	Maximum Height of the Forearm and Upper Arm from the Ground		1538
I	Distance of the Traveling Square Steel from the Ground		393
J	Distance of the Control Box Top from the Ground		840
K	Minimum Distance of the Fixture Mounting Surface from the Ground		910
L	Distance from the Fixture Installation Center to the Left End of the Machine Body		434
M	Distance from the Fixture Installation Center to the Right End of the Machine Body		434
N	Minimum Distance from the Machine Body to the Control Box		400
O	Maximum Distance of the 1-Axis NC Rotation Center from the Ground		1432

*The above dimensions are for reference only, and the actual dimensions may be adjusted according to customer requirements.

BASIC PARAMETERS

Power Supply	Common Air Pressure	Drive Mode	Power Supply Capacity(KVA)	Slewing Angle (kW)	Main Body Weight	Maximum load capacity (Weight including fixture)	Control box
AC200~AC200V ±10% 50/60Hz(Three-phase)	0.49Mpa	ACServo Motor	12.9	0°~300°	520kg	25KG	STEC-NC3 IML

COMPREHENSIVE PARAMETERS

Model	Stroke (Displacement) (Standard Specification) (mm)			Power Supply Capacity(KVA)	Maximum Power Consumption(KW)	Machine Weight (kg)	Air Consumption (Nℓ/Cycle)
	Upward & Downwar (Z)	Fore and Aft(Y)	Traversal (X)				
SXC-010	400	1200	1200	3.2	2.5	650	95

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