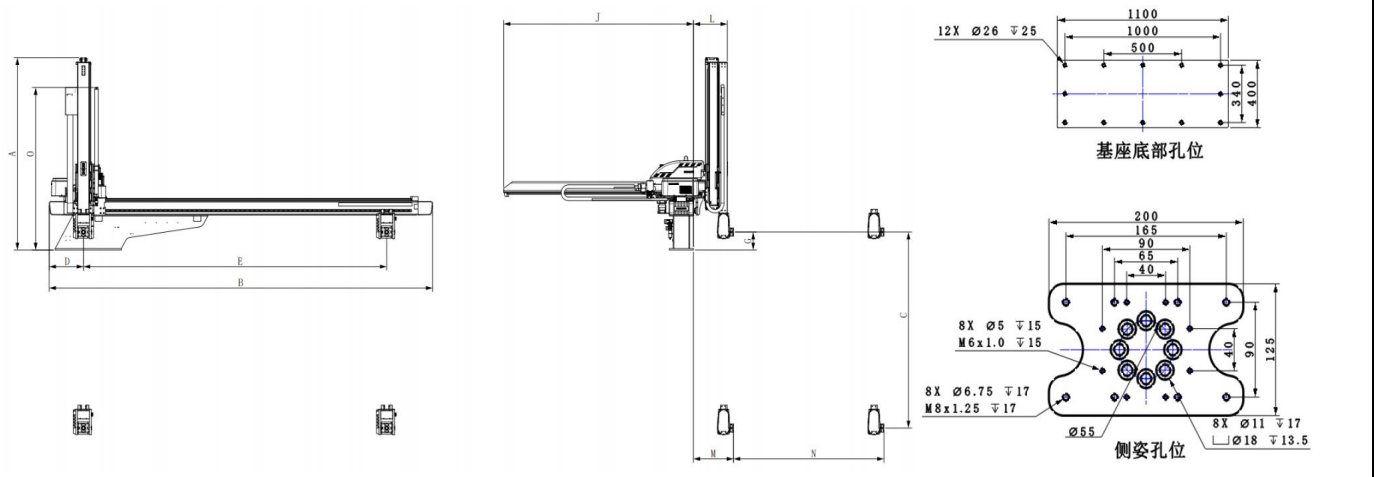
BRTN30WSS5PF five axis servo manipulator (version 30) Technical specifications

Power supply（KVA）	Power source（V）	Recommended IMM（T）	Driving method	Traverser Stroke (mm)	Crosswise Stroke（mm）	Vertical Stroke（mm）	Stand-by point（mm）	Max loading（Kg）	Cycle time (s)	Take out time(s)（s）	Arm model	Model of EOAT	Angel	Air pressure（MPa）	Air consumption (N-1/cycle)	Positiong accuracy（mm）	Complete machine size (mm)	Weight (Kg)
6.1	220	2200-4000	AC servo motor	6000 ≤	2500 ≤	3000 ≤	276	60	pending	pending	Single arm and telescopic type	four suctions two fixtures	C-axis: 180 ° A-axis: 360 °	0.5-0.6	47	±0.1	pending	pending

Transverse				Crosswise					Obverse arm					Deputy arm				
Electrical machine	Reducer	Slide Rail	Gear rack / Belt	Electrical machine	Reducer	Slide Rail	Gear rack/belt	Cylinder	Electrical machine	Reducer	Slide Rail	Gear rack/ Belt	Cylinder	Electrical machine	Reducer	Slide Rail	Gear rack / Belt	Cylinder
1800w	1500W 1：9	30mm	Gear rack： 29*29	1700W	1500W 1：9	30mm	gear rack： 29*29	/	1800w	2000W 1：25	30mm 25mm	Belt：45 gear rack： 29*29	84-1550	/	/	/	/	/

Denote:W:Telescopic type. S:Product arm. S5:Five-axis driven by AC Servo Motor(Traverse-axis、AC-axis、Vertical-axis+Crosswise-axis).

The above-mentioned cycle time are the results of our internal test standard,In the actual application process of the machine,they will vary according to the actual operation ,loading and debugging parameters.



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
BRTN30WSS5PF	pending	pending	3000 ≤	569.5	6000 ≤	/	276	/	/	pending	/	563	666	2500 ≤	2487

Product Features

The BRTN30WSS5PF is a customized non-standard product based on the BRTN30WSS5PC, suitable for various types of plastic injection molding machines with capacities ranging from 2200T to 4000T. It features five-axis AC servo drives, with standard AC servo drive axes. The A-axis has a rotation angle of 360°, while the C-axis has a rotation angle of 180°, allowing for free positioning and adjustment of the fixture angle. It boasts a long lifespan, high precision, low failure rate, and simple maintenance. It is primarily used for rapid removal or complex-angle extraction applications, especially for long-shaped products such as automotive parts, washing machines, and home appliances.

Five-axis drive and control integrated system: Few signal lines, long-distance communication, excellent scalability, strong anti-interference capability, high repeat positioning accuracy, capable of controlling multiple axes simultaneously, simple equipment maintenance, and low failure rate.

Without further notice if specification and exterior have been changed because of improvement.Thanks for your understanding.