

BRTN Series

五轴伺服横走式机械手

Five-axis AC Servo Travers Robot

产品特点 Product Features

BRTN系列机械手臂用于220T-600T的各型塑胶射出成型机，三轴AC伺服驱动。取出速度快、调整夹具方便，寿命长、故障低。取出时间最少1.8sec，最大荷重10公斤（含成品与治具）。主要应用于快速取出或是复杂的取出应用，特别是长形状的产品如汽车产品，洗衣机家电产品等。

华成三/五轴专用CANOPEN总线通讯方式：

信号线少，远距离通讯，扩展性能好，抗干扰能力强，重复定位精度高，可以同时控制多轴，设备维护简单，故障率低。

BRTN Series is applicable to all types of horizontal injection machine ranges of 220T-600T for take-out products and sprues. Three-axis driven by AC servo motor, take-out at super high-speed at most 1.8sec. Easy for E-O-A-T adjustment, long using life and low failure rate, applicable to take-out products with short forming cycle or complex automatic, such as auto products, washing machine and household appliance products take-out.

HC three-axis/five axis CANOPEN connecting way:

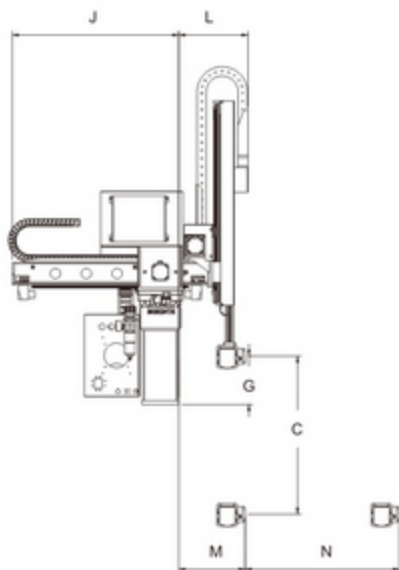
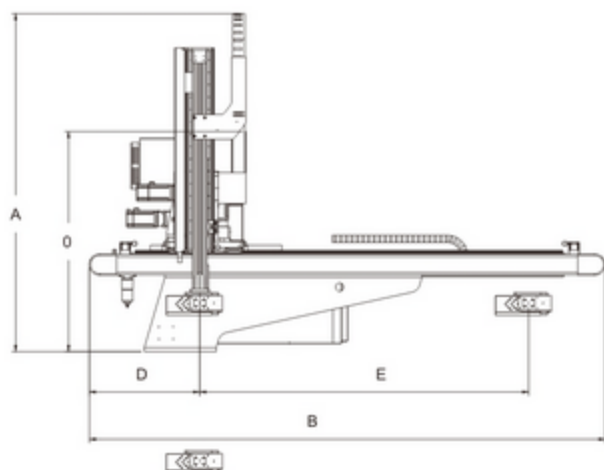
Less connecting line, long distance communication, good expansibility, strong anti-interference ability, high repeat precision, can simultaneously control multi axis, simple equipment maintenance, low failure rate.



主要规格 Main Specification

机型 Model	电源容量 (KVA) Power Source	适用成型机 (ton) Recommended M.M	横行行程 (mm) Traverse Stroke	驱动方式 Traverse Driven	引拔行程 (mm) Crosswise Stroke	上下行程 (mm) Vertical Stroke	最大荷载 (kg) Max. Loading	取出时间 (sec) Dry Take Out Time	全循环时间 (sec) Dry Cycle Time	空气消耗量 (lit/cycle) Air Consumption	净重 (KG) Net Weight
BRTN10 WSS4PC	3.1	220T-350T	1600	AC 伺服马达 AC-Servo motor	660	1000	10	3.01	15.92	6	450
BRTN12 WSS4PC	3.1	350T-500T	1800		900	1200	10	3.2	16.32	6.8	510
BRTN12 WSS5PC	3.5	380T-600T	1800		900	1200	10	4.7	9	6.8	560

机型表示: W: 双载式 S: 单臂机械手(成品臂) S4: 四轴AC伺服马达驱动(成品臂上下、引拔、横行+C轴) 选型: S5: 五轴AC伺服马达驱动(成品臂上下+BC轴、引拔、横行)
Denote: W: Telescopic type. S: Product arm. S4: Four-axis driven by AC Servo Motor (Traverse-axis, Vertical-axis, Crosswise-axis +C-axis).
S5: Five-axis driven by AC Servo Motor (Vertical-axis and BC-axis, Crosswise-axis, Traverse-axis)



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
BRTN10WSS4PC	1520	2510	1000	540	1600	/	235	/	/	820	/	340	320	660	/
BRTN12WSS4PC	1650	2700	1200	540	1800	/	235	/	/	1010	/	310	290	900	1270
BRTN12WSS5PC	1600	2580	1200	335	1800	/	125	/	/	1330	/	485	420	900	/