BRTV Series

五轴纵走式机械手
Five-axis Traverse Beam Robot

产品特点 Product Features

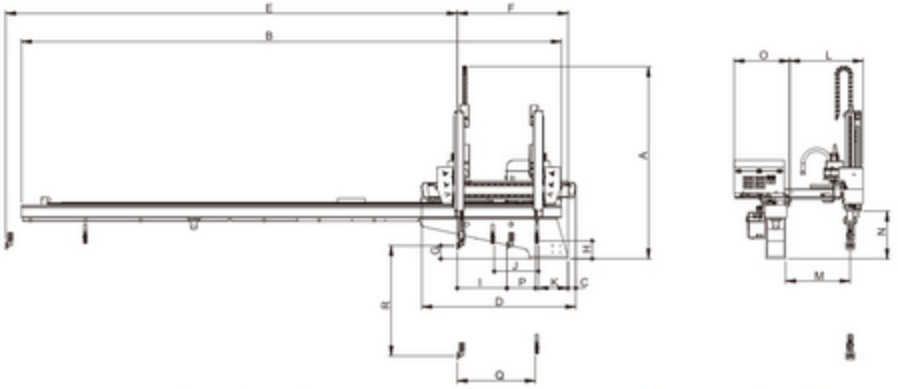
BRTV 系列适用于100T~650T的各型卧式射出机的成品取出，安装方向与传统式的横走式不同，是将成品与料头取出放置于射出机尾端，可以节省射出机的安装空间。有单截式及双截式；均可增加副臂用于三片模，同时夹成品与料头。上下行程从800~1000mm。安装可节省射出机安装空间30~40%、更充分的利用厂房；并可增加产能(20~30%)降低产品的不良率、保障操作人员的安全性、减少人工、精准的控制生产量、减少浪费。

BRTV Series Robot is applicable to all types of horizontal injection machine of 100T~650T for take-out products.The installation direction is different from traditional beam robot,products and sprues are placed at the end of IMM.It has single stange and telescopic type;It can be added a sub-arm for 3-plates mold to grip products and sprue at the same time,vertical stroke:800-1000mm,Install BRV robot can save 30~40% room to allow better utilization of production space;Furthermore,the productivity will be increased 20~30%,reduce defective rate,ensure safety of operators,reduce manpower and accurately control the output to reduce waste.

主要规格 Main Specification

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 (N/cyde) Air Consumption	净重 (KG) Net Weight
BRTV08IDS5PC	／	100T-250T	横行拱总长6米以内	AC伺服马达	待定	800	5	1.5	待定	10	570
BRTV10WDS5PC	／	200T-400T				1000	5	2		10	660
BRTV12WDS5PC	／	380T-650T				1200	10	2.68		10	610
BRTV15WSS3PC	／	650T-1000T	横行拱总长8米以内		920(参考注塑机：海天1000T)	1500	15	6.25		10	／
BRTV18WSS3PC	／	800T-1300T			850(参考注塑机：震雄1000T)	1800	15	6.05		10	／

机型表示： W：双截式 I: 单截式 D：双臂机械手(成品臂+料斗臂) S5：五轴AC伺服马达驱动(成品臂上下、引拔+横行) 待定：根据注塑机吨位大小来确定参数
Denote: I: Single stage W: Telescopic type D:Product arm +runner arm S5: Five-axis by AC Servo Motor. Pending: according to the IMM model to confirm data



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
BRTV08IDS5PC	1650	横行拱总长6米以内	70	1400	3000 -5000	1120	140	170	740	700	215	660	待定	370	500	170	910	800
BRTV10WDS5PC	1700			1400		1000	120	160	540	500	270	670		430	500		710	1000
BRTV12WDS5PC	1900			1520		1130	100	150	650	600	280	700		480	515		820	1200
BRTV15WSS3PC	1900	横行拱总长8米以内	／	／	／	／	／	／	／	／	／	／	／	／	／	／	／	／
BRTV18WSS3PC	2300		／	／	／	／	／	／	／	／	／	／	／	／	／	／	／	／