

MBWE-170

注塑机锁模力 Injection Press Range
1000~2000 ton

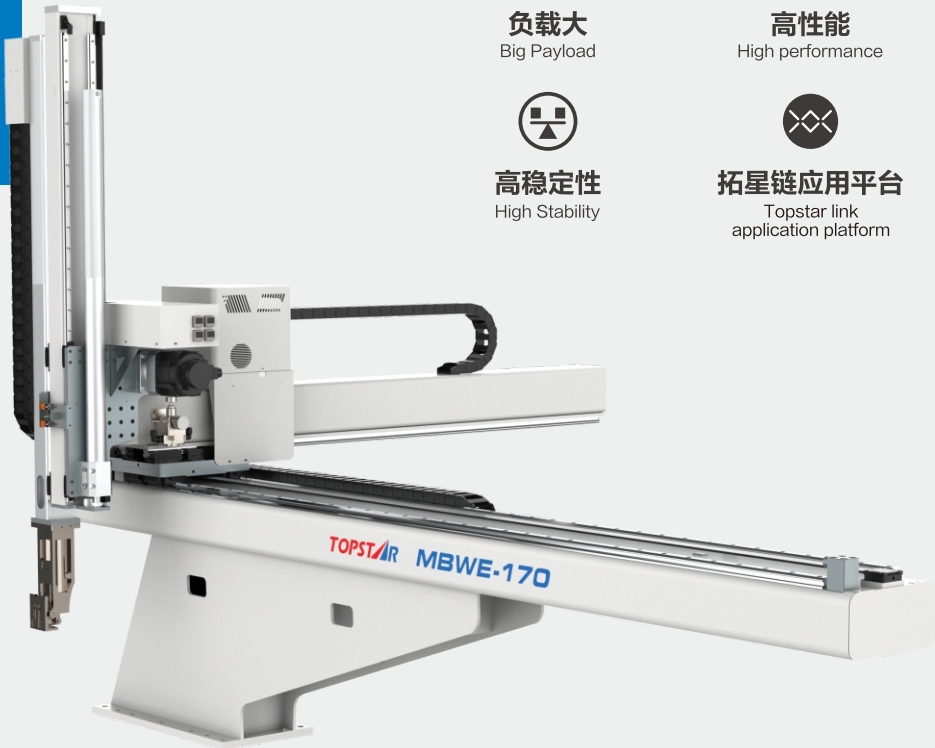
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负载大
Big Payload
- 

高性能
High performance
- 

高稳定性
High Stability
- 

拓星链应用平台
Topstar link application platform



负载大 Big payload

- 姿势部采用大缸径气缸，负载提升，更大型零件搬运；
- 姿势部结构紧凑，可保证在动模取大型产品；
- 搭配大功率伺服驱动和马达，负载能力增大。
- Posture (C axis) uses cylinder with big cylinder diameter to improve payload and extract larger parts.
- The structure of the posture (C axis) is compact, which can ensure taking large products in the moving platen.
- With high-power servo driver and motor, the load capacity increases.

高性能 High performance

- 控制系统自主研发，软件不定期更新，终身可升级，可根据客户需求研发定制；
- 内置双系统客户自由选择；
- 增加各轴软化功能，防止模开距离变动导致取不到产品或撞坏手臂；
- 标配RS485通讯接口，支持MODBUS RTU通讯协议；
- 标配2吸2抱功能，预留11个输入11个输出。
- Control system independent research, irregularly-updated software, can be upgraded for life, can be developed and customized according to customer needs.
- Built-in dual-system, customer-free choice.
- Add the softening function of each axis to prevent robot not picking the products or breaking the arm due to mold opening position changing.
- Standard RS485 communication interface, Support the MODBUS RTU communication protocol.
- Standard 2 vacuum circuit 2 air circuit function, reserve 11 inputs and 11 outputs.

高稳定性 High stability

- 增加振动抑制功能，运行更加平稳；
- 走行采用加厚方钢提高承载及稳定性；
- Add the vibration suppression function to make machine run more smoothly.
- Use thickened square steel to improve the carrying and stability of traverse axis.

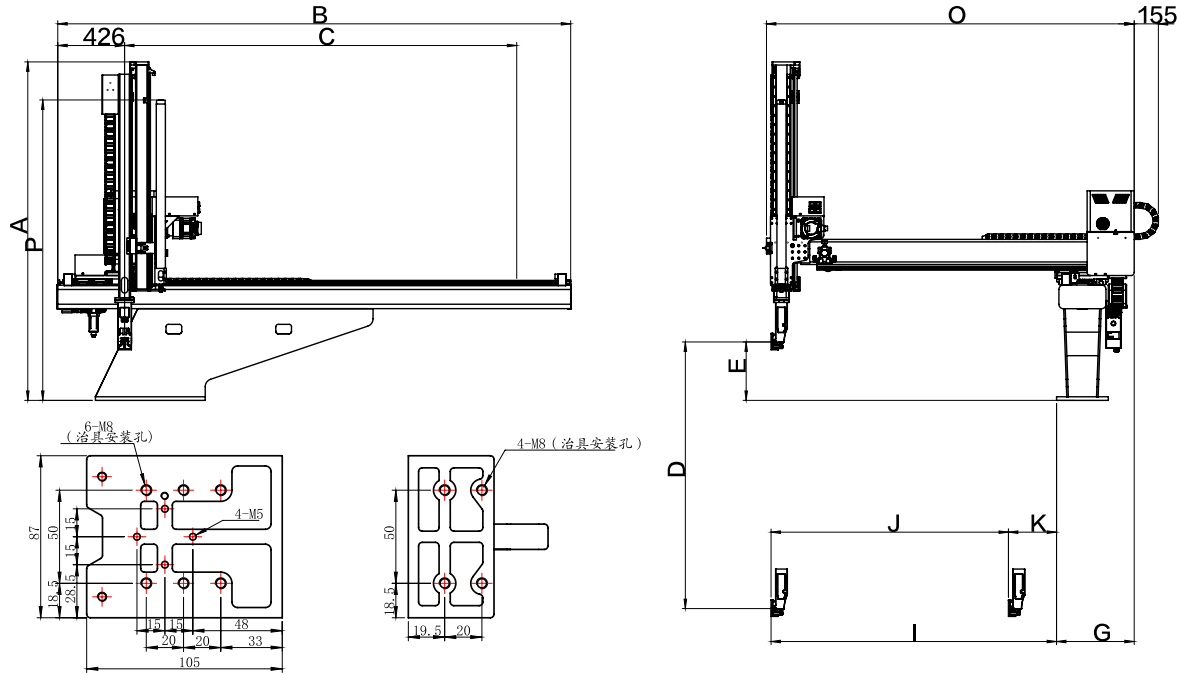
拓星链应用平台 Topstar link application platform

- 实时远程监控，设备运行数据统计、分析及寿命管理。
- Real-time remote monitoring, data statistics, analysis and life management of equipment operation.

基本参数 Basic Parameters

机型 Model	电源 Power Supply	最大消费电力 Max Power Consumption	使用气压 Air Pressure	空气消费量 Air Consumption	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	最大可搬重量 Max.Load	重复定位精度 Repeated Positioning Accuracy	最小取出时间 Minimum take-out time	空循环时间 (不含治具) Dry cycle time (excluding fixtures)	姿势力矩 Posture Torque	本体重量 Net Weight
单位 Unit	V	KW	Mpa	NI/cycle	—	—	kg	mm	s	s	N.m	kg
MBWE-170-170-182-25TR	AC220 ± 10%	2.4	0.5~0.7	24	伺服马达/ AC Servo Motor+	90°	20	0.2	2.9	12.2	49.8	1080~1240
MBWE-170-200-182-30TR	50/60HZ	2.4	0.5~0.7	24	气缸/ Air Cylinder		20	0.2	3.9	13.2	49.8	1080~1240

外形尺寸 Outer dimensions



单位: mm Unit: mm	机型 Model	MBWE-170-170	MBWE-170-200
		MBWE-170-170-182-25TR	MBWE-170-200-182-30TR
A	总高 Total height	2160	2280
B	总长 Total length	3270	3750
C	走行行程 Traverse stroke	2500	3000
D	主臂上下行程 Main arm vertical stroke	1700	2000
E	主臂上下待机 Main arm standby height	370	370
F	夹具安装有效空间 Effective space for jig mounting	-	-
G	基座里侧面-箱体末端 Base internal side to end of the box	495	495
H	副臂上下待机 Sub-arm vertical standby	-	-
I	主臂前进最大值 Main arm max. fwd. movement	1820	1820
J	主臂前进最大行程 Main arm max. crosswise stroke	1515	1515
K	主臂前后待机最小值 Main arm min. crosswise standby	305	305
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	-
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	-
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	-
O	前后臂末端-箱体末端 Crosswise end to box end	2345	2345
P	手臂下降后最小高度 Min. height of arm after descending	1915	1915
Q	治具安装尺寸 Jig mounting dimension	40×50, 6×M8 / 30×30, 4×M4	
	动模面 Moveable platen 定模面 Fixed platen	20×50, 4×M8	

注: 正反向尺寸一致 Note: Same dimensions for positive and negative operation models.

配置表 Configuration table

机型 Model	8个独立 装箱动作 8 independent packaging motion	自由装箱 点 (115点 × 2处) Free packaging motion(115points × 2stage)	落下测下降 途中姿势 Posture midway descent at release side	顶针前进 后退连动 Ejector Forward and Backward Coordinated Movement	不良品排 出回路 Defective product reject circuit	取出下降 待机 Delayed arm descent	水口模内 开放 Runner release within mold	输送带 启动 信号 Start signal of circuit	内部存储 记忆(最大 100种类型) Internal memory (for Max 100 molds)	2国语言 切换 (中文 、英文) Two language exchange (Chinese/ English)	Nt剪切· 可动侧 NT gate cutting on crossmember of moving	回转 单元 Rotation unit	欧规 12 EURO- MAP 12	欧规 67 EURO- MAP 67
MBWE-170-170-182-25TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MBWE-170-200-182-30TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

注: 标配功能 “●”、选配功能 “○” 和 “-” 表示无。 Note: Standard function "●", optional function "○" and "-" indicates none.