

HDW-80 II

注塑机锁模力 Injection Press Range
100-300 ton

高性能
High performance

高速度
High speed

高节能效果
High energy-saving effect

拓星链应用平台
Topstar link application platform



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；
- 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.
- Standard RS485 communication interface, Support the MODBUS RTU communication protocol.
- Standard 2 vacuum circuit 2 air circuit function, reserve 11 inputs and 11 outputs.

高速度 High speed

- 可选配进口整套松下伺服马达（转速可达6000r/min）；
- 最高转速提升10%，加减速时间缩减20%。
- Optional imported whole set of Panasonic servo motors (rotate speed can reach 6000r/min).
- The maximum rotate speed increases 10%, and the accelerate and decelerate time reduced 20%.

高节能效果 High energy-saving effect

- 增加伺服自动OFF功能，待机伺服马达停止通电，节省用电10%。
- Add the servo drive automatic OFF function, stopped servo motor power when robot was standby status, saving 10% of electricity.

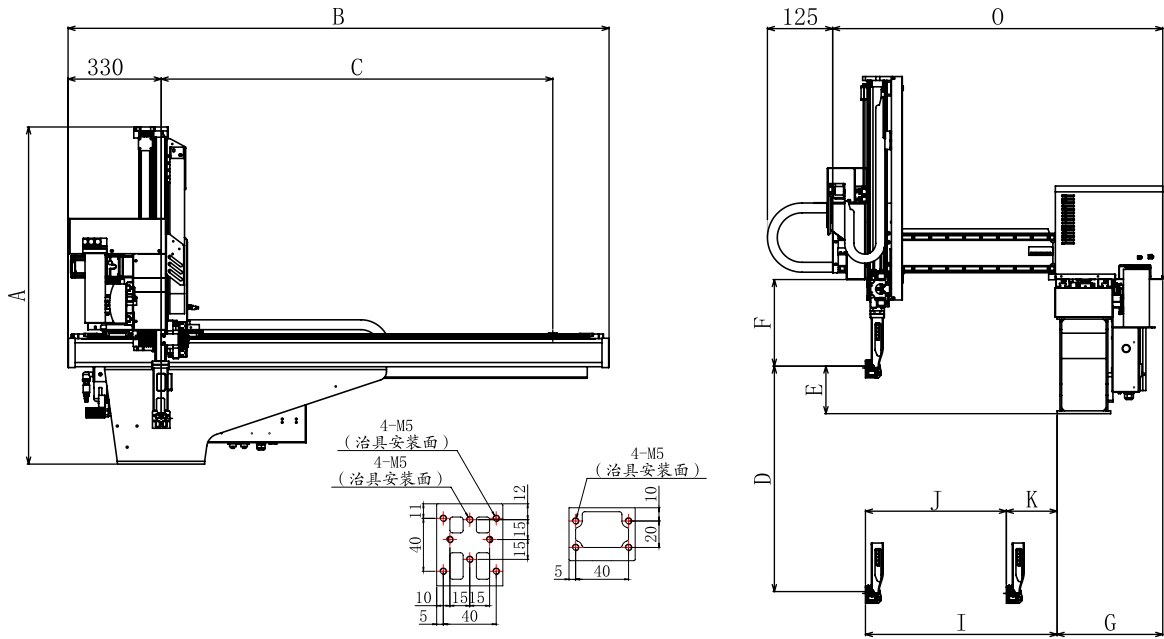
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- 实时远程监控，设备运行数据统计、分析及寿命管理。
- Real-time remote monitoring, data statistics, analysis and life management of equipment operation.

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
HDW-80-90-68-16TR	AC220 ±10% 50/60HZ	2	0.5-0.7	8	伺服马达 /AC Servo Motor	90° 固定/ 90° Fixed	3	0.1	0.7	3.9	6.0	270-290

外形尺寸 Outer dimensions



单位: mm Unit: mm	机型 Model	HDW-80 II	
		HDW-80 II-90-68-16TR	
A	总高 Total height	1310	
B	总长 Total length	2160	
C	走行行程 Traverse stroke	1600	
D	主臂上下行程 Main arm vertical stroke	900	
E	主臂上下待机 Main arm standby height	170	
F	夹具安装有效空间 Effective space for jig mounting	330	
G	基座里侧面-箱体末端 Base internal side to end of the box	375	
H	副臂上下待机 Sub-arm vertical standby	-	
I	主臂前进最大值 Main arm max. fwd. movement	680	
J	主臂前进最大行程 Main arm max. crosswise stroke	500	
K	主臂前后待机最小值 Main arm min. crosswise standby	180	
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	1170	
P	手臂下降后最小高度 Min. height of arm after descending	880	
Q	治具安装尺寸 Jig mounting dimension	动模面 Moveable platen	40x40, 4xM5 / 30x30, 4xM5
		定模面 Fixed platen	20x40, 4xM5

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	装箱动作 (各轴 256点) Packaging motion(Max. 256 points)	自由装箱点 (115点 × 2处) Free packaging motion(115points × 2stage)	取出侧前进姿势控制 Forward and rotate at removing side	走行途中姿势 Posture control during traverse	落下测下降途中姿势 Posture midway descent at release side	顶针连动 Ejector link	不良品排出回路 Defective product reject circuit	初期不良品排出回路 Initial defective product reject circuit	输送带启动信号 Start signal of conveyor	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)	吸着确认4回路 Additional vacuum sensing unit (4 circuits)	制品夹取4回路 Product gripping 4 circuits	欧规 12 EURO-MAP 12	欧规 67 EURO-MAP 67	顶针后退连动 Ejector return link
HDW-80-90-68-16TR	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○

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