EUW-120
EUW-120s

注塑机锁模力 Injection Press Range
350-800 ton

YASKAWA
伺服马达：安川
Servo motor: Yaskawa

SHIMPO
减速机：新宝
Reducer: Shimpo

THK
导轨：THK
Guide rail: THK

Elatech Technology in Motion.
同步带：意拉泰
Synchronous belt: ELATECH

TAIYO
线缆：太阳
Cable: TAIYO

高精度 High precision

- 新增振动抑制功能，对插件成型等需要高精度取出的成型非常适合；
- 前后使用齿轮齿条啮合传动，定位精度更高。

- Add vibration suppression function, which is very suitable for the molding insert project and other high-accuracy product extracting.
- Crosswise axis movement with gear and racks, and the positioning accuracy is higher.

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；
- 采用大缸径气缸，推力更大，负载提升20%，更大型零件搬运；
- 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.
- Posture (C axis) uses cylinder with big cylinder diameter to improve by 20% payload and extract larger parts.
- Standard 2 vacuum circuit 2 air circuit function, reserve 11 inputs and 11 outputs.

高速度 High speed

- 轻质铝合金手臂，整机减20个结构部件，减轻重量20%；
- 主臂轻质高强度A6061材质，提升整体运行性能；
- 最高转速提升10%，加减速时间缩减20%。

- Lightweight aluminum alloy arm, reduce 20 structural components, reduce weight by 20%.
- Main arm with lightweight and high-strength A6061 material to improve the overall operating performance.
- The maximum rotate speed increases 10%, and the accelerate and decelerate time reduced 20%.

高节能效果 High energy-saving effect

- 共直流母线技术节能10%，电力成本降低10%；
- 增加伺服自动OFF功能，待机伺服马达停止通电，节省用电10%。

- Total DC bus technology is 10% energy-saving, and the cost of electricity is reduced by 10%.
- Add the servo drive automatic OFF function, stopped servo motor power when robot was standby status, saving 10% of electricity.

拓星链应用平台 Topstar link application platform

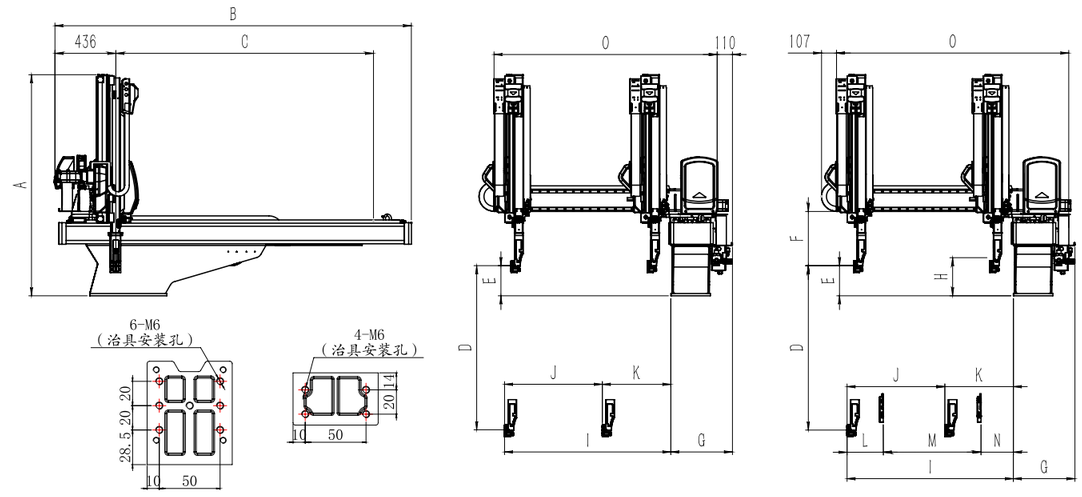
- 实时远程监控，设备运行数据统计、分析及寿命管理。

- 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	Nl/cycle	——	——	kg	mm	s	s	N.m	kg
EUW-120-120-115-18TR	AC220 ±10% 50/60HZ	2	0.5~0.7	9.7	伺服马达 / AC Servo Motor	90°	8	0.05	1.4	5.6	20.6	500~510
EUW-120-140-115-18TR		2	0.5~0.7	9.7			8	0.05	1.4	5.6	20.6	510~520
EUW-120s-120-115-18TR		3.1	0.5~0.7	9.7			8	0.05	1.4	5.6	20.6	540~550
EUW-120s-140-115-18TR		3.1	0.5~0.7	9.7			8	0.05	1.4	5.6	20.6	550~560

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		EUW-120-120		EUW-120 II-140	
		EUW-120-120-115-18TR	EUW-120s-120-115-18TR	EUW-120-140-115-18TR	EUW-120s-140-115-18TR
A	总高 Total height	1735	1735	1855	1855
B	总长 Total length	2470	2470	2470	2470
C	走行行程 Traverse stroke	1800	1800	1800	1800
D	主臂上下行程 Main arm vertical stroke	1200	1200	1400	1400
E	主臂上下待机 Main arm standby height	235	235	235	235
F	夹具安装有效空间 Effective space for jig mounting	370	370	370	370
G	基座里侧面-箱体末端 Base internal side to end of the box	410	410	410	410
H	副臂上下待机 Sub-arm vertical standby	-	285	-	285
I	主臂前进最大值 Main arm max. fwd. movement	1150	1150	1150	1150
J	主臂前进最大行程 Main arm max. crosswise stroke	980	780	980	780
K	主臂前后待机最小值 Main arm min. crosswise standby	175	375	175	375
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	205	-	205
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	780	-	780
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	170	-	170
O	前后臂末端-箱体末端 Crosswise end to box end	1675	1675	1675	1675
P	手臂下降后最小高度 Min. height of arm after descending	1505	1505	1505	1505
Q	治具安装尺寸 Jig mounting dimension 动模面 Moveable platen	40x50，6xM6			
	治具安装尺寸 Jig mounting dimension 定模面 Fixed platen	20x50，4xM6			

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
EUW-120-120-115-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
EUW-120-140-115-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
EUW-120s-120-115-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
EUW-120s-140-115-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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