

注塑机锁模力 Injection Press Range  
30-150 ton



高精度  
High precision



高性能  
High performance



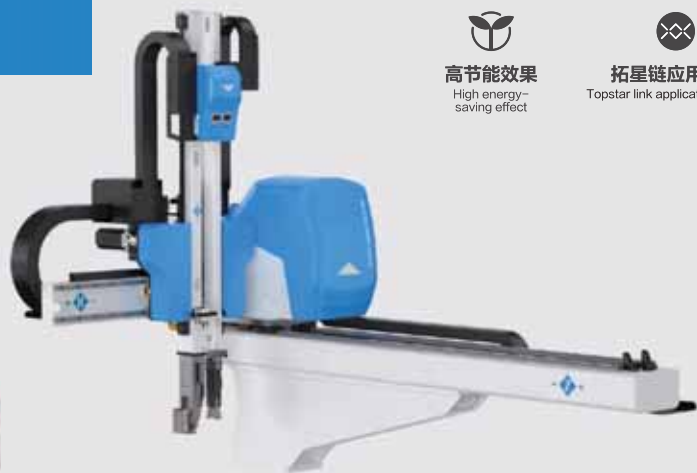
高速度  
High speed



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；
- 前后使用齿轮齿条传动，定位精度高。
- 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4吸4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.

### 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	Nil/cycle	—	—	kg	mm	s	s	N.m	kg
EU-50-60-57-12TR	AC220 ±10%	1.3	0.5-0.7	2.9	伺服马达 / AC Servo Motor	90°	3	0.1	1.3	5.6	13.2	110-130
EU-50S-60-57-12TR	50/60HZ	2.1	0.5-0.7	2.9			3	0.1	1.3	5.6	13.2	120-140

### 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%.

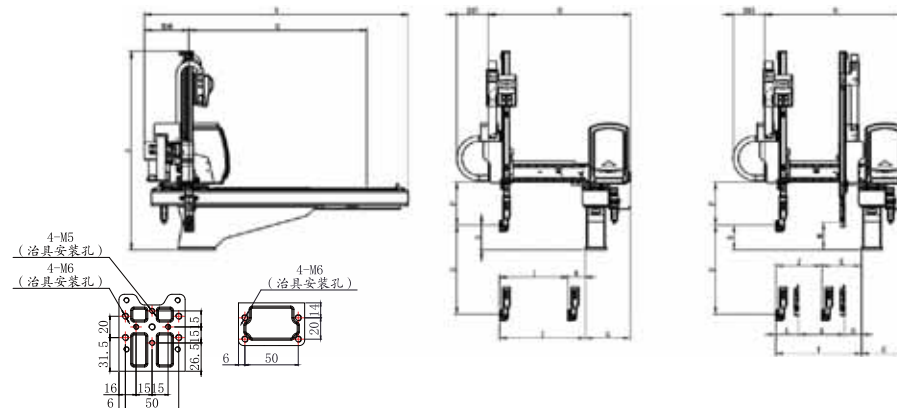
### 高节能效果 High energy-saving effect

- 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.

### 外形尺寸 Outer dimensions



单位: mm Unit: mm	机型 Model	EU-50-60	
		EU-50-60-57-12TR	EU-50s-60-57-12TR
A	总高 Total height	1350	1350
B	总长 Total length	1750	1750
C	走行行程 Traverse stroke	1200	1200
D	主臂上下行程 Main arm vertical stroke	600	600
E	主臂上下待机 Main arm standby height	150	150
F	夹具安装有效空间 Effective space for jig mounting	285	285
G	底座里侧面-箱体末端 Base internal side to end of the box	255	255
H	副臂上下待机 Sub-arm vertical standby	-	195
I	主臂前进最大值 Main arm max. fwd. movement	580	580
J	主臂前进最大行程 Main arm max. crosswise stroke	460	310
K	主臂后退待机最小值 Main arm min. crosswise standby	120	270
L	主臂臂接近最小值 Min. space between main arm and sub-arm	-	145
M	副臂前进最大行程 Sub-arm max. crosswise stroke	310	310
N	副臂后退待机最小值 Sub-arm min. crosswise standby	-	150
O	前后臂末端-箱体末端 Crosswise end to box end	1095	1095
P	手稿下降后最小高度 Min. height of arm after descending	910	910
Q	治具安装尺寸 Jig mounting dimension	动模面 Movable platen 20x50, 4xM6 / 30x30, 4xM5	
		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个独立包装动作 8 independent packaging motion	自由装箱点 (115点 × 2处) Free packaging point (115 points × 2stage)	落下测下降途中姿势 Ejector Forward and Backward Coordinated Movement	顶针前进后退连动 Defective product reject circuit	不良品排出回路 Delayed arm descent	取出下降待机 Runner release within mold	水口模内开放 Start signal of circuit	输送带启动信号 Internal memory (for Max. 100 molds)	内部存储记忆 (最大100种类型) Two language exchange (Chinese, English)	2国语言切换 (中文, 英文) NT gate cutting on cross number of moving	回转单元 Rotation unit	欧规 12 EURO-MAP 12	欧规 67 EURO-MAP 67
EU-50-60-57-12TR	●	●	●	●	●	●	●	●	●	○	○	○	○
EU-50S-60-57-12TR	●	●	●	●	●	●	●	●	●	○	○	○	○

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