台灣代理聯絡方式

Taiwan Agent Contacts & Address

鈞成興業有限公司

BEST SUCCESS INDUSTRIAL CO., LTD.

TOPSTAR 拓斯达

TOPSTAR 拓斯達 台灣代理

聯絡人 Contact	馮延祺
手機 Mobile	0930-801-651
電話 Tel	04-2332-6437
傳真 Fax	04-2332-6438
Email	lili8482@ms27.hinet.net
LINE ID	@623cvegw
地址 Address	台中市烏日區溪南路一段 680 巷 409 弄 19-8 號
營業時間 Hours	週一至週五 9:00–17:00 國定假日請參考 Google 地圖上的營業時間
統一編號 Tax ID	54593206
網站 Website	best-success-industrial-co-ltd.github.io

LINE 官方帳號

掃描加入好友詢問

官方網站

產品資訊與聯絡方式

產品性質與適用範圍說明僅供參考，不保證產品屬性；供貨範圍及服務以合約條款為準。技術資料與插圖僅作為供貨參考，保留變更權利。

本型錄由原廠廣東拓斯達科技股份有限公司提供，台灣地區由鈞成興業有限公司代理。

TOPSTAR

股票代码 Stock Code 300607

机械手产品系列

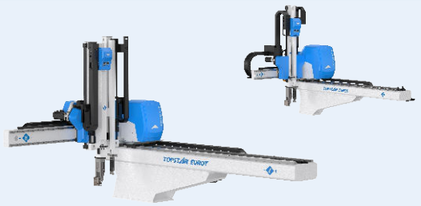
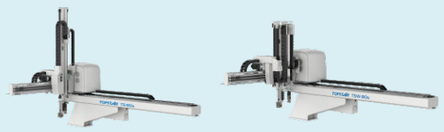
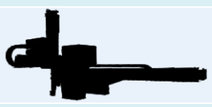
INJECTION ROBOT PRODUCT SERIES



www.topstarltd.com

机械手选型表 Robot arm selection table

TOPSTAR

机型 Model	产品图片 Product images		锁模力 Mold Clamping Force（Ton）																					
			30	50	60	80	100	120	160	200	250	300	350	450	550	650	800	1000	1300	1600	2000	2500	3000	4000
EU-50S Ⅱ		上下行程 vertical stroke	600 mm																					
EU-80S Ⅲ							800/900 mm																	
EUW-80S Ⅲ							900/1000 mm																	
EU-120S Ⅱ													1200 mm											
EUW-120S Ⅱ													1200/1400 mm											
MDE-50S V		上下行程 vertical stroke	600 mm																					
MDE-80S V							800/900 mm																	
MEWE-80S V							900 mm																	
MEWE-100S V												1000/1200 mm												
METE-100S													1000 mm											
MDE-120S V													1200 mm											
MEWE-120S V													1400 mm											
MDWE-110S													1100/1500/1700 mm											
MEW-170S																		1700/2000 mm						
MBWE-110 V													1200/1400 mm											
MBWE-130 V															1300/1500 mm									
MBWE-170 V																		1700/2000 mm						
MBWE-200 V																				2000/2500/3000 mm				
TMDE-50S		上下行程 vertical stroke	600 mm																					
TMDE-80S Ⅱ							800/900 mm																	
TMEWE-80S Ⅱ							900/1000mm																	
TMDE-120S Ⅱ													1200 mm											
TMEWE-120S Ⅱ													1200mm/1400mm											
T5-80S		上下行程 vertical stroke					800/900 mm																	
T5W-80S							900/1000mm																	
T5W-120S													1200 mm											
HDW-80		上下行程 vertical stroke					900 mm																	
X-650V		侧入行程 Side entry stroke				650 mm																		
L-650V						650 mm																		
XM-650V						650 mm																		

EU-50 II
EU-50S II

注塑机锁模力 Injection Press Range
30-100 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

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- 前后使用齿轮齿条啮合传动，定位精度更高。

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- 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%.
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拓星链应用平台 Topstar link application platform

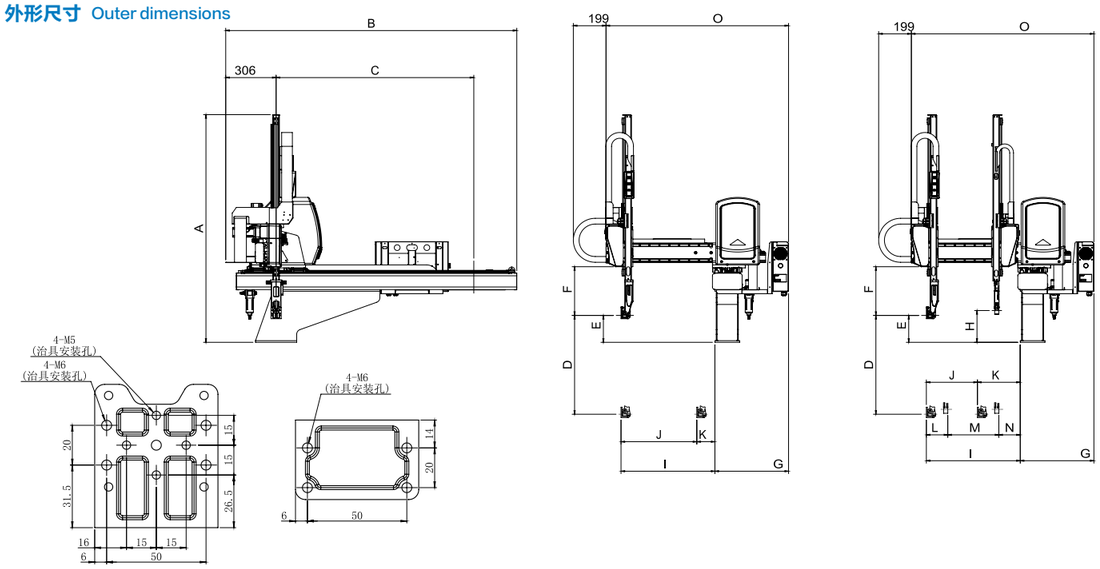
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- Real-time remote monitoring, data statistics, analysis and life management of equipment operation.

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
EU-50II-60-57-12TR	AC220 ±10% 50/60HZ	1.3	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90°	5	0.05	1.2	5.2	13.2	170~190
EU-50SII-60-57-12TR		2.1	0.5~0.7	2.9			5	0.05	1.2	5.2	13.2	190~210

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		EU-50II-60	
		EU-50II-60-57-12TR	EU-50SII-60-57-12TR
A	总高 Total height	1390	1390
B	总长 Total length	1705	1705
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	180	180
F	夹具安装有效空间 Effective space for jig mounting	270	270
G	基座里侧面-箱体末端 Base internal side to end of the box	448	448
H	副臂上下待机 Sub-arm vertical standby	-	185
I	主臂前进最大值 Main arm max. fwd. movement	570	570
J	主臂前进最大行程 Main arm max. crosswise stroke	460	310
K	主臂前后待机最小值 Main arm min. crosswise standby	110	260
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	130
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	310
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	130
O	前后臂末端-箱体末端 Crosswise end to box end	1110	1110
P	手臂下降后最小高度 Min. height of arm after descending	950	950
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	40x40,4xM5/30x30,4xM5	
	治具安装尺寸 Jig mounting dimension — 定模面 Fixed platen	20X40,4xM5	

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

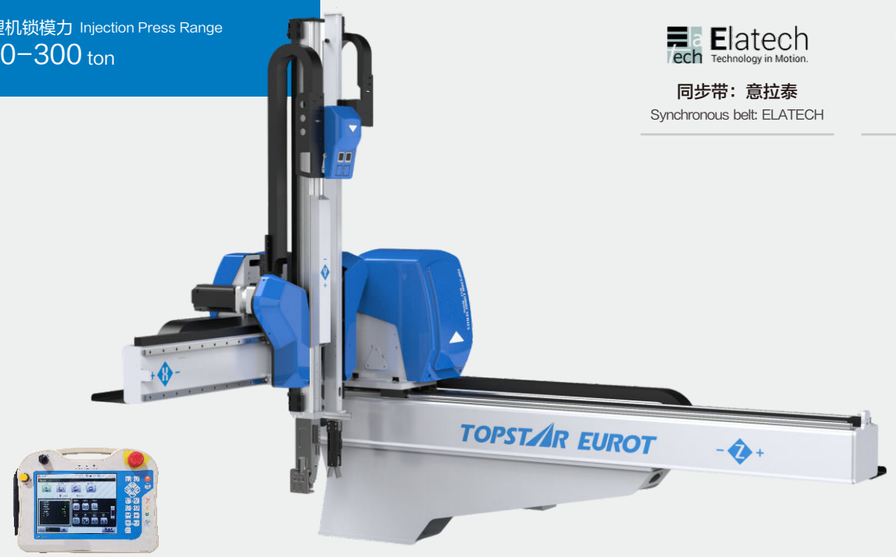
配置表 Configuration table

机型 Model	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
EU-50II-60-57-12TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
EU-50SII-60-57-12TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

EU-80Ⅲ
EU-80SⅢ

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



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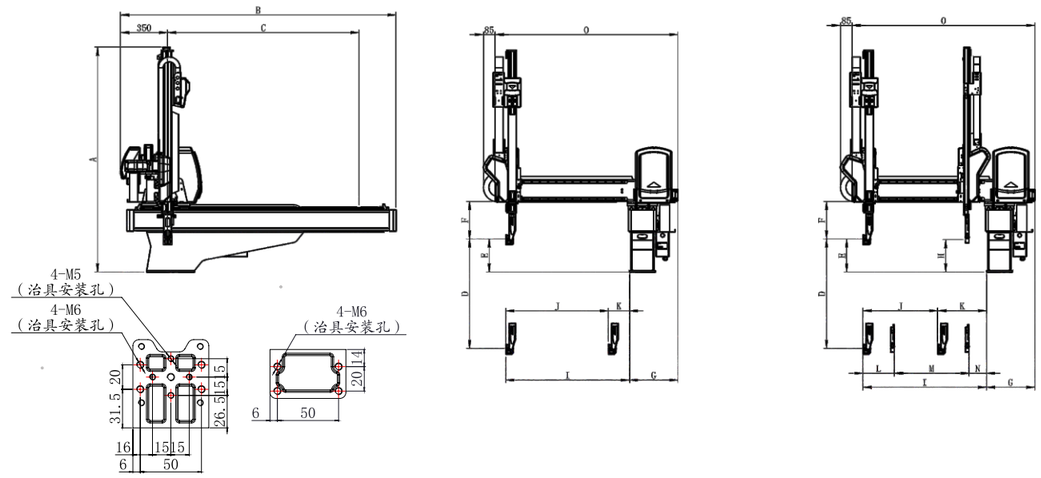
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单位 Unit	V	KW	Mpa	Nl/cycle	——	——	kg	mm	s	s	N.m	kg
EU-80Ⅲ-80-92-14TR	AC220 ±10% 50/60HZ	2	0.5~0.7	2.9	伺服马达 AC Servo Motor	90°	6	0.05	1.3	5.3	13.2	260~280
EU-80Ⅲ-90-92-16TR		2	0.5~0.7	2.9			6	0.05	1.3	5.3	13.2	270~290
EU-80SⅢ-80-92-14TR		2.8	0.5~0.7	2.9			6	0.05	1.3	5.3	13.2	270~290
EU-80SⅢ-90-92-16TR		2.8	0.5~0.7	2.9			6	0.05	1.3	5.3	13.2	280~300

外形尺寸 Outer dimensions



单位：mm Unit: mm	机型 Model	EU-80Ⅲ-80		EU-80Ⅲ-90	
		EU-80Ⅲ-80-92-14TR	EU-80SⅢ-80-92-14TR	EU-80Ⅲ-90-92-16TR	EU-80SⅢ-90-92-16TR
A	总高 Total height	1650	1650	1770	1770
B	总长 Total length	2060	2060	2240	2240
C	走行行程 Traverse stroke	1400	1400	1600	1600
D	主臂上下行程 Main arm vertical stroke	800	800	900	900
E	主臂上下待机 Main arm standby height	225	225	225	225
F	夹具安装有效空间 Effective space for jig mounting	280	280	280	280
G	基座里侧面-箱体末端 Base internal side to end of the box	395	395	395	395
H	副臂上下待机 Sub-arm vertical standby	-	255	-	255
I	主臂前进最大值 Main arm max. fwd. movement	900	900	900	900
J	主臂前进最大行程 Main arm max. crosswise stroke	750	585	750	585
K	主臂前后待机最小值 Main arm min. crosswise standby	150	365	150	365
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	230	-	230
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	585	-	585
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	135	-	135
O	前后臂末端-箱体末端 Crosswise end to box end	1375	1375	1375	1375
P	手臂下降后最小高度 Min. height of arm after descending	1100	1100	1100	1100
Q	治具安装尺寸 Jig mounting dimension 动模面 Moveable platen	20x50，4xM6 / 30x30，4xM5			
	治具安装尺寸 Jig mounting dimension 定模面 Fixed platen	20x50，4xM6			

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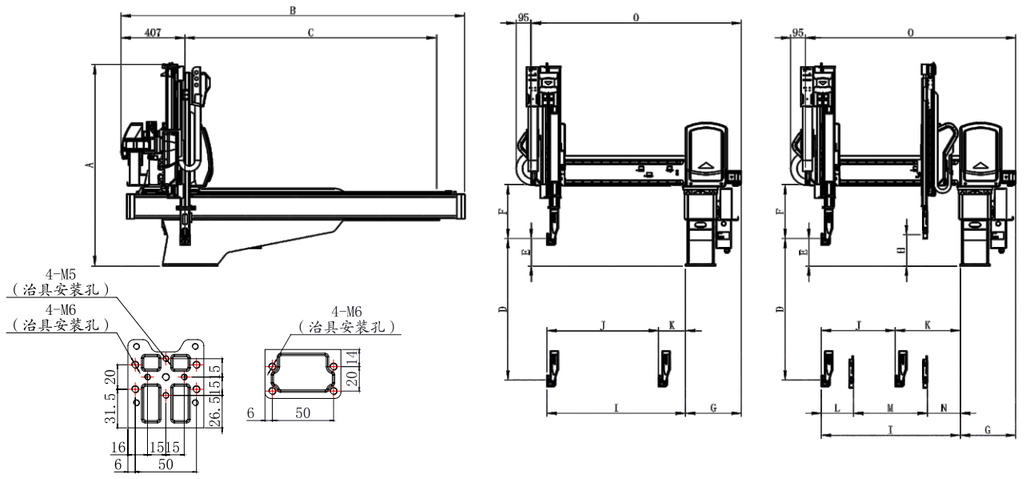
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基本参数 Basic Parameters

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-80Ⅲ-90-92-16TR	AC220 ±10% 50/60HZ	2	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90°	6	0.05	1.3	6	13.2	260~280
EUW-80Ⅲ-100-92-16TR		2	0.5~0.7	2.9			6	0.05	1.4	6	13.2	270~290
EUW-80SⅢ-90-92-16TR		2.8	0.5~0.7	2.9			6	0.05	1.3	6	13.2	280~300
EUW-80SⅢ-100-92-16TR		2.8	0.5~0.7	2.9			6	0.05	1.4	6	13.2	290~310

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		EUW-80Ⅲ-90		EUW-80Ⅲ-100	
		EUW-80Ⅲ-90-92-16TR	EUW-80SⅢ-90-92-16TR	EUW-80Ⅲ-100-92-16TR	EUW-80SⅢ-100-92-16TR
A	总高 Total height	1310	1310	1370	1370
B	总长 Total length	2240	2240	2240	2240
C	走行行程 Traverse stroke	1600	1600	1600	1600
D	主臂上下行程 Main arm vertical stroke	900	900	1000	1000
E	主臂上下待机 Main arm standby height	160	160	160	160
F	夹具安装有效空间 Effective space for jig mounting	360	360	360	360
G	基座里侧面-箱体末端 Base internal side to end of the box	420	420	420	420
H	副臂上下待机 Sub-arm vertical standby	-	160	-	160
I	主臂前进最大值 Main arm max. fwd. movement	865	865	865	865
J	主臂前进最大行程 Main arm max. crosswise stroke	690	480	690	480
K	主臂前后待机最小值 Main arm min. crosswise standby	175	385	175	385
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	210	-	210
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	480	-	480
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	110	-	110
O	前后臂末端-箱体末端 Crosswise end to box end	1290	1290	1290	1290
P	手臂下降后最小高度 Min. height of arm after descending	950	950	950	950
Q	治具安装尺寸 Jig mounting dimension 动模面 Moveable 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-80Ⅲ-90-92-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
EUW-80Ⅲ-100-92-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
EUW-80SⅢ-90-92-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
EUW-80SⅢ-100-92-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

EU-120Ⅱ
EU-120SⅡ

注塑机锁模力 Injection Press Range
350-450 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

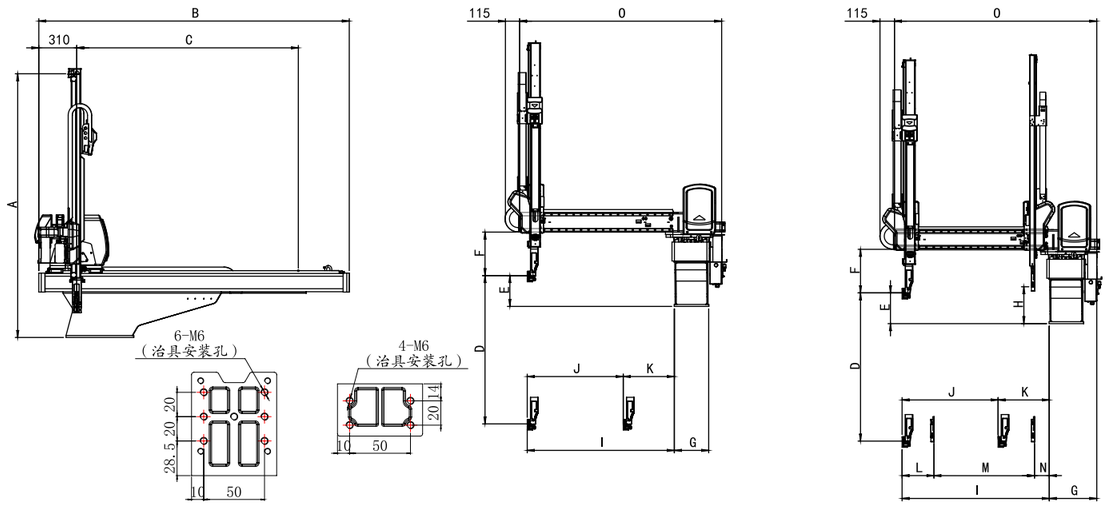
- 实时远程监控，设备运行数据统计、分析及寿命管理。

- 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
EU-120Ⅱ-120-120-18TR	AC220 ±10% 50/60HZ	2	0.5~0.7	3.6	伺服马达 / AC Servo Motor	90°	8	0.05	1.8	8.2	20.6	510~530
EU-120SⅡ-120-120-18TR		2.8	0.5~0.7	3.6			8	0.05	1.8	8.2	20.6	550~570

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		EU-120Ⅱ-120	
		EU-120Ⅱ-120-120-18TR	EU-120SⅡ-120-120-18TR
A	总高 Total height	2140	2180
B	总长 Total length	2470	2470
C	走行行程 Traverse stroke	1800	1800
D	主臂上下行程 Main arm vertical stroke	1200	1200
E	主臂上下待机 Main arm standby height	250	250
F	夹具安装有效空间 Effective space for jig mounting	350	350
G	基座里侧面-箱体末端 Base internal side to end of the box	280	280
H	副臂上下待机 Sub-arm vertical standby	-	300
I	主臂前进最大值 Main arm max. fwd. movement	1200	1200
J	主臂前进最大行程 Main arm max. crosswise stroke	1020	780
K	主臂前后待机最小值 Main arm min. crosswise standby	175	415
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	260
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	780
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	120
O	前后臂末端-箱体末端 Crosswise end to box end	1640	1640
P	手臂下降后最小高度 Min. height of arm after descending	1360	1360
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
EU-120Ⅱ-120-120-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
EU-120SⅡ-120-120-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

EUW-120 Ⅱ
EUW-120S Ⅱ

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%。

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- 共直流母线技术节能10%，电力成本降低10%；
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- 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

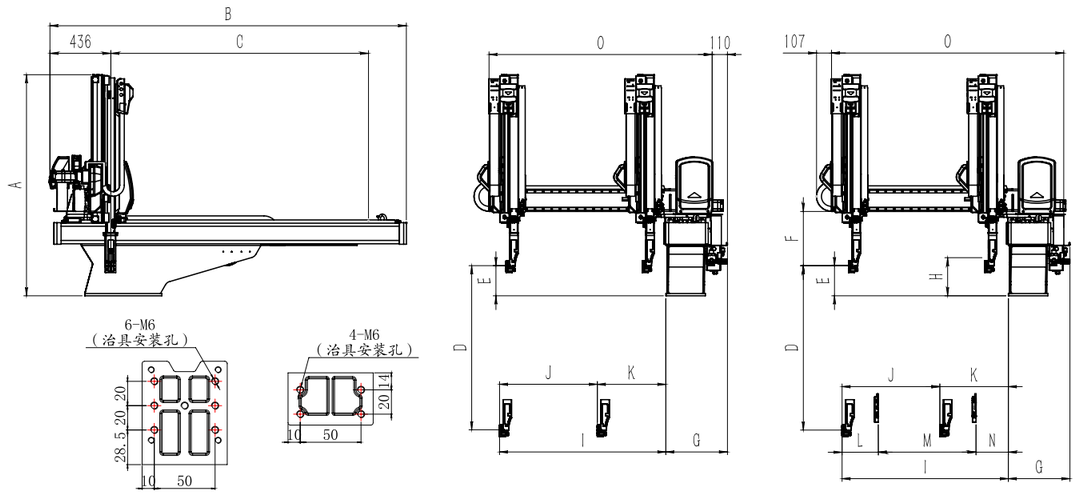
- 实时远程监控，设备运行数据统计、分析及寿命管理。

- 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 Ⅱ -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	2	8	20.6	500~510
EUW-120 Ⅱ -140 -115-18TR		2	0.5~0.7	9.7			8	0.05	2.1	8.2	20.6	510~520
EUW-120S Ⅱ -120 -115-18TR		3.1	0.5~0.7	9.7			8	0.05	2	8	20.6	540~550
EUW-120S Ⅱ -140 -115-18TR		3.1	0.5~0.7	9.7			8	0.05	2.1	8.2	20.6	550~560

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		EUW-120 Ⅱ -120		EUW-120 II-140	
		EUW-120 Ⅱ -120-115-18TR	EUW-120S Ⅱ -120-115-18TR	EUW-120 Ⅱ -140-115-18TR	EUW-120S Ⅱ -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			
	定模面 Fixed platen	20x50，4xM6			

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

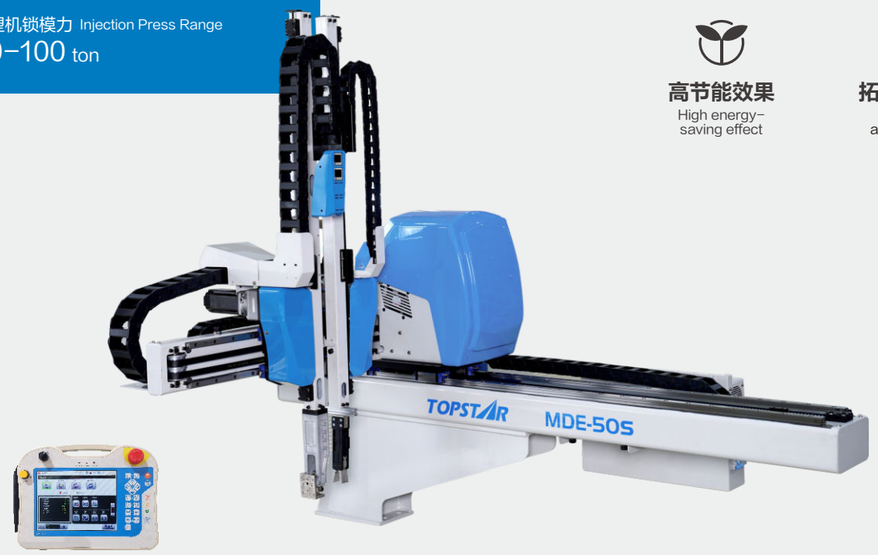
配置表 Configuration table

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 Ⅱ -120 -115-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
EUW-120 Ⅱ -140 -115-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
EUW-120S Ⅱ -120 -115-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
EUW-120S Ⅱ -140 -115-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

MDE-50V
MDE-50SV

注塑机锁模力 Injection Press Range
30-100 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

- 主臂采用Q235材质结构稳定，重复定位精度高，可满足各种非标埋入动作。
- The main arm with the Q235 material, Stable structure, and High accuracy of repeated positioning, which can meet various non-standard insert motions.

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.

高速度 High speed

- 可选配进口多摩川马达（转速可达6000r/min）；
- 最高转速提升10%，加减速时间缩减20%。

- Optional imported Domawa motor (rotation 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

- 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

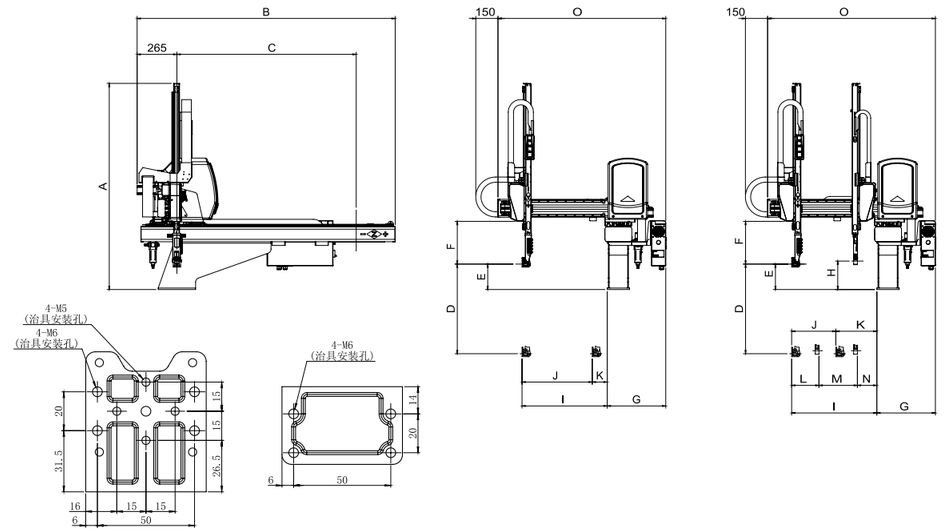
- 实时远程监控，设备运行数据统计、分析及寿命管理。

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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
MDE-50V-60-57-12TR	AC220 ±10% 50/60HZ	1.3	0.5~0.7	3.6	伺服马达 / AC Servo Motor	90°	3	0.1	1.2	5.6	13.2	160~170
MDE-50SV-60-57-12TR		2.1	0.5~0.7	3.6			3	0.1	1.2	5.6	13.2	180~190

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		MDE-50V-60	
		MDE-50V-60-57-12TR	MDE-50SV-60-57-12TR
A	总高 Total height	1390	1390
B	总长 Total length	1705	1705
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	180	180
F	夹具安装有效空间 Effective space for jig mounting	270	270
G	基座里侧面-箱体末端 Base internal side to end of the box	310	310
H	副臂上下待机 Sub-arm vertical standby	-	185
I	主臂前进最大值 Main arm max. fwd. movement	570	570
J	主臂前进最大行程 Main arm max. crosswise stroke	470	320
K	主臂前后待机最小值 Main arm min. crosswise standby	100	250
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	120
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	320
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	130
O	前后臂末端-箱体末端 Crosswise end to box end	1125	1125
P	手臂下降后最小高度 Min. height of arm after descending	950	950
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	20x50,4xM6/30x30,4xM5	
	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
MDE-50V-60-57-12TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MDE-50SV-60-57-12TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

MDE-80V
MDE-80SV

注塑机锁模力 Injection Press Range
100-300 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

- 主臂采用Q235材质结构稳定，重复定位精度高，可满足各种非标埋入动作。
- The main arm with the Q235 material, Stable structure, and High accuracy of repeated positioning, which can meet various non-standard insert motions.

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.

高速度 High speed

- 可选配进口多摩川马达（转速可达6000r/min）；
- 最高转速提升10%，加减速时间缩减20%。
- Optional imported Domawa motor (rotation 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

- 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.

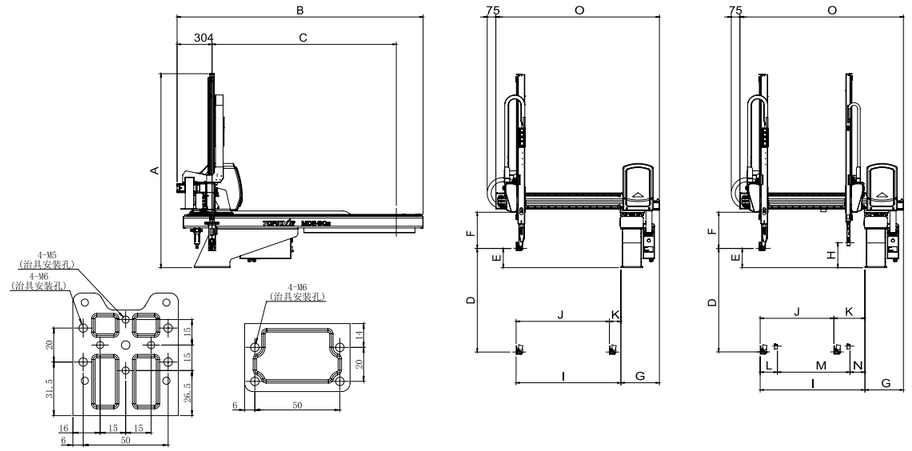
拓星链应用平台 Topstar link application platform

- 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
MDE-80V-80-79-14TR	AC220 ±10% 50/60HZ	1.3	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90°	6	0.1	1.5	6.4	13.2	205~215
MDE-80V-90-91-16TR		1.3	0.5~0.7	2.9			6	0.1	1.5	6.4	13.2	205~215
MDE-80SV-80-79-14TR		2.1	0.5~0.7	2.9			6	0.1	1.5	6.4	13.2	225~235
MDE-80SV-90-91-16TR		2.1	0.5~0.7	2.9			6	0.1	1.5	6.4	13.2	225~235

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		MDE-80V-80		MDE-80V-90	
		MDE-80V-80-79-14TR	MDE-80SV-80-79-14TR	MDE-80V-90-91-16TR	MDE-80SV-90-91-16TR
A	总高 Total height	1565	1565	1685	1685
B	总长 Total length	1905	1905	2085	2085
C	走行行程 Traverse stroke	1400	1400	1600	1600
D	主臂上下行程 Main arm vertical stroke	800	800	900	900
E	主臂上下待机 Main arm standby height	185	185	185	185
F	夹具安装有效空间 Effective space for jig mounting	295	295	295	295
G	基座里侧面-箱体末端 Base internal side to end of the box	335	335	335	335
H	副臂上下待机 Sub-arm vertical standby	-	210	-	210
I	主臂前进最大值 Main arm max. fwd. movement	790	790	910	910
J	主臂前进最大行程 Main arm max. crosswise stroke	700	525	820	640
K	主臂前后待机最小值 Main arm min. crosswise standby	90	265	90	270
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	140	-	140
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	525	-	640
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	125	-	130
O	前后臂末端-箱体末端 Crosswise end to box end	1300	1300	1420	1420
P	手臂下降后最小高度 Min. height of arm after descending	980	980	980	980
Q	治具安装尺寸 Jig mounting dimension 动模面 Moveable platen	20x50,4xM6/30x30,4xM5			
	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
MDE-80V-80-79-14TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MDE-80V-90-91-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MDE-80SV-80-79-14TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MDE-80SV-90-91-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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MEWE-80V
MEWE-80SV

注塑机锁模力 Injection Press Range
100-300 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

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拓星链应用平台 Topstar link application platform

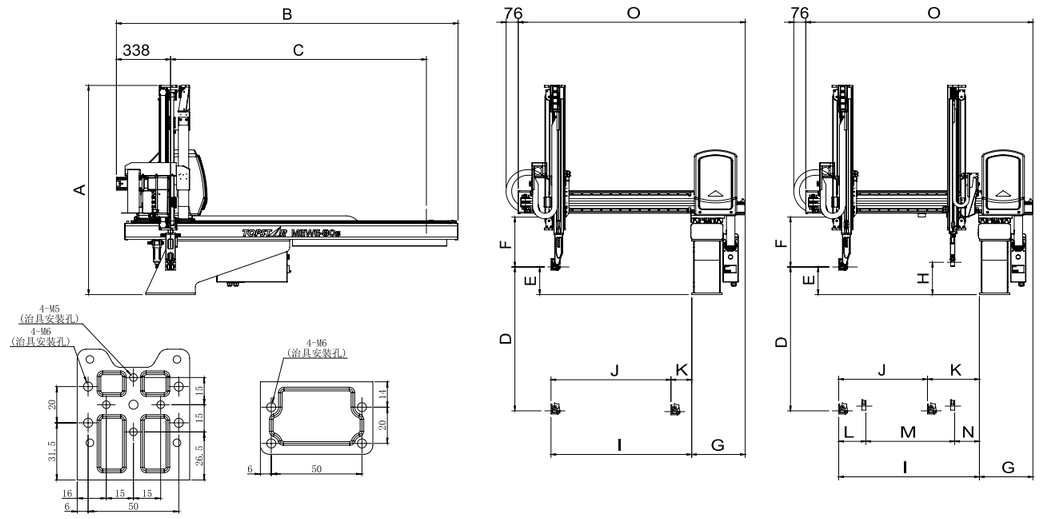
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机型 Model	电源 Power Supply	最大消费电力 Max Power Consumption	使用气压 Air Pressure	空气消费量 Air Consumption	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	最大可搬重量 Max.Load	重复定位精度 Repeated Positioning Accuracy	最小取出时间 Minimum take-out time	空循环时间（不含治具） Dry cycle time (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
MEWE-80V-90-88-14TR	AC220 ±10% 50/60HZ	2	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90°	6	0.1	1.5	6.5	13.2	200~210
MEWE-80V-90-88-16TR		2	0.5~0.7	2.9			6	0.1	1.5	6.5	13.2	200~210
MEWE-80SV-90-88-14TR		2.8	0.5~0.7	2.9			6	0.1	1.5	6.5	13.2	220~230
MEWE-80SV-90-88-16TR		2.8	0.5~0.7	2.9			6	0.1	1.5	6.5	13.2	220~230

外形尺寸 Outer dimensions



单位：mm Unit: mm	机型 Model	MEWE-80V-90			
		MEWE-80V-90-88-14TR	MEWE-80SV-90-88-14TR	MEWE-80V-90-88-16TR	MEWE-80SV-90-88-16TR
A	总高 Total height	1340	1340	1340	1340
B	总长 Total length	1905	1905	2085	2085
C	走行行程 Traverse stroke	1400	1400	1600	1600
D	主臂上下行程 Main arm vertical stroke	900	900	900	900
E	主臂上下待机 Main arm standby height	195	195	195	195
F	夹具安装有效空间 Effective space for jig mounting	290	290	290	290
G	基座里侧面-箱体末端 Base internal side to end of the box	335	335	335	335
H	副臂上下待机 Sub-arm vertical standby	-	200	-	200
I	主臂前进最大值 Main arm max. fwd. movement	880	880	880	880
J	主臂前进最大行程 Main arm max. crosswise stroke	750	555	750	555
K	主臂前后待机最小值 Main arm min. crosswise standby	130	325	130	325
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	170	-	170
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	555	-	555
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	155	-	155
O	前后臂末端-箱体末端 Crosswise end to box end	1420	1420	1420	1420
P	手臂下降后最小高度 Min. height of arm after descending	905	905	905	905
Q	治具安装尺寸 Jig mounting dimension	动模面 Moveable 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.

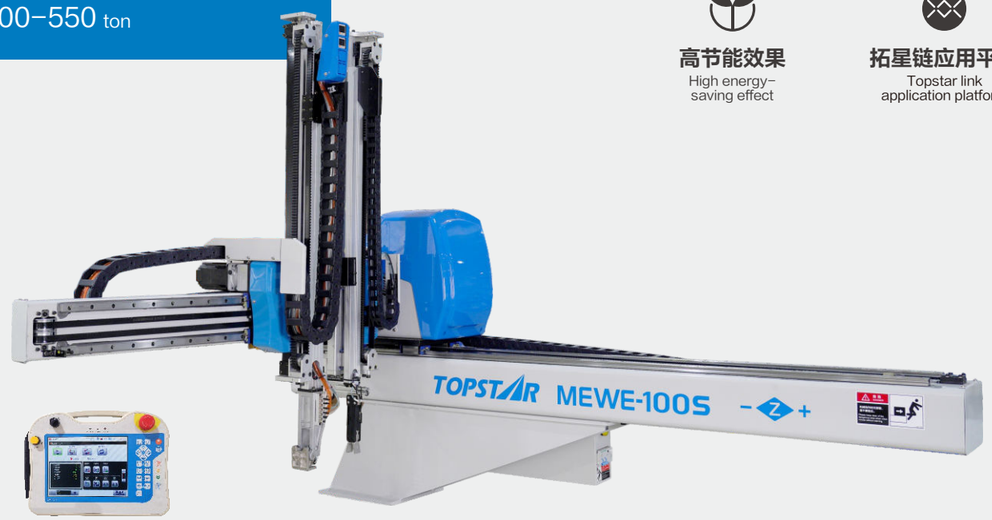
配置表 Configuration table

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MEWE-80V-90-88-14TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MEWE-80V-90-88-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MEWE-80SV-90-88-14TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MEWE-80SV-90-88-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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MEWE-100V
MEWE-100SV

注塑机锁模力 Injection Press Range
300-550 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

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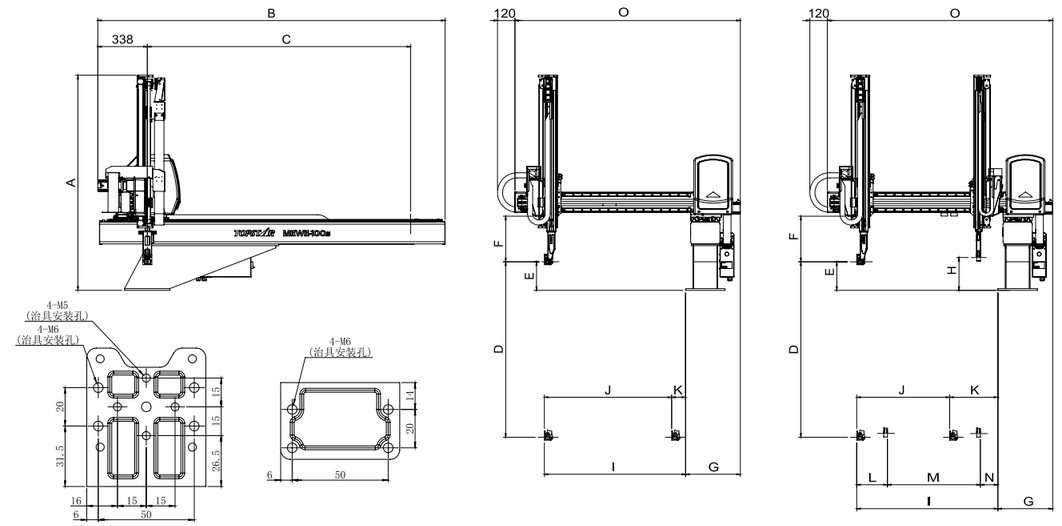
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单位 Unit	V	KW	Mpa	Nl/cycle	——	——	kg	mm	s	s	N.m	kg
MEWE-100V-100-90-16TR	AC220 ±10% 50/60HZ	2	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90°	8	0.1	1.6	6.3	13.2	260~270
MEWE-100V-120-96-18TR		2	0.5~0.7	2.9			8	0.1	2.1	8.4	13.2	275~285
MEWE-100SV-100-90-16TR		2.8	0.5~0.7	2.9			8	0.1	1.6	6.3	13.2	280~290
MEWE-100SV-120-96-18TR		2.8	0.5~0.7	2.9			8	0.1	2.1	8.4	13.2	295~305

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		MEWE-100V-100		MEWE-100V-120	
		MEWE-100V-100-90-16TR	MEWE-100SV-100-90-16TR	MEWE-100V-120-96-18TR	MEWE-100SV-120-96-18TR
A	总高 Total height	1400	1400	1500	1500
B	总长 Total length	2125	2125	2365	2365
C	走行行程 Traverse stroke	1600	1600	1800	1800
D	主臂上下行程 Main arm vertical stroke	1000	1000	1200	1200
E	主臂上下待机 Main arm standby height	215	215	215	215
F	夹具安装有效空间 Effective space for jig mounting	290	290	290	290
G	基座里侧面-箱体末端 Base internal side to end of the box	375	375	375	375
H	副臂上下待机 Sub-arm vertical standby	-	220	-	220
I	主臂前进最大值 Main arm max. fwd. movement	900	900	960	960
J	主臂前进最大行程 Main arm max. crosswise stroke	800	570	860	630
K	主臂前后待机最小值 Main arm min. crosswise standby	100	330	100	330
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	210	-	210
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	570	-	630
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	120	-	120
O	前后臂末端-箱体末端 Crosswise end to box end	1480	1480	1540	1540
P	手臂下降后最小高度 Min. height of arm after descending	930	930	930	930
Q	治具安装尺寸 Jig mounting dimension 动模面 Moveable platen	20x50,4xM6/30x30,4xM5			
	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.

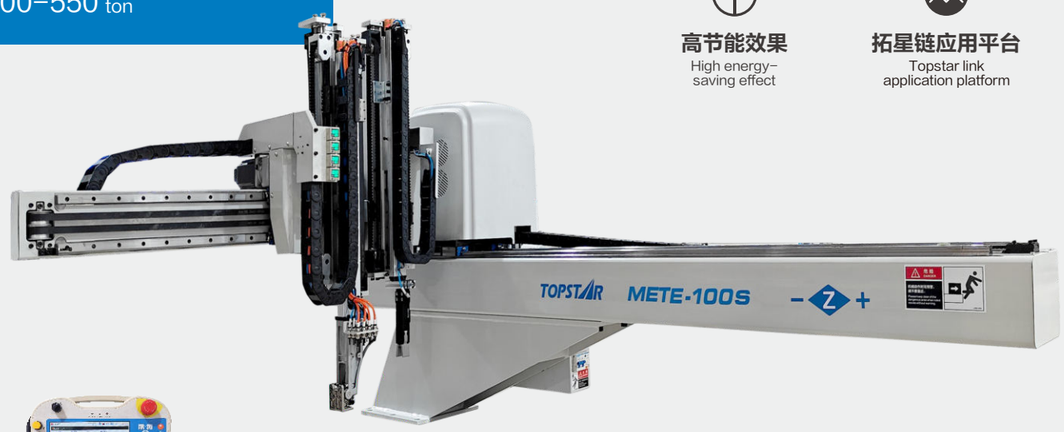
配置表 Configuration table

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
MEWE-100V-100-90-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MEWE-100V-120-96-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MEWE-100SV-100-90-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MEWE-100SV-120-96-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

METE-100
METE-100S

注塑机锁模力 Injection Press Range
300-550 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

- 主臂采用Q235材质结构稳定，重复定位精度高，可满足各种非标埋入动作。
- The main arm with the Q235 material, Stable structure, and High accuracy of repeated positioning, which can meet various non-standard insert motions.

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.

高速度 High speed

- 可选配进口多摩川马达（转速可达6000r/min）；
- 最高转速提升10%，加减速时间缩减20%。

- Optional imported Domawa motor (rotation 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

- 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

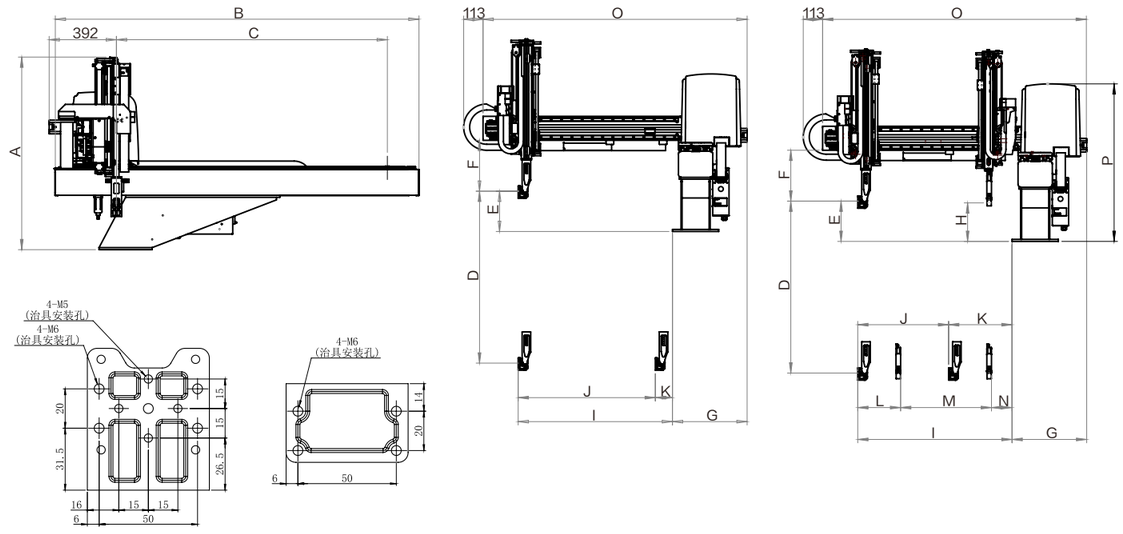
- 实时远程监控，设备运行数据统计、分析及寿命管理。

- 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
METE-100-100-90-16TR	AC220 ±10% 50/60HZ	2.3	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90° 固定/ 90° Fixed	5	0.1	1.5	5.8	13.2	230~240
METE-100S-100-90-16TR		2.8	0.5~0.7	2.9			5	0.1	1.5	5.8	13.2	230~240

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		METE-100-100	
		METE-100-100-90-16TR	METE-100S-100-90-16TR
A	总高 Total height	1140	1140
B	总长 Total length	2125	2125
C	走行行程 Traverse stroke	1600	1600
D	主臂上下行程 Main arm vertical stroke	1000	1000
E	主臂上下待机 Main arm standby height	235	235
F	夹具安装有效空间 Effective space for jig mounting	296	296
G	基座里侧面-箱体末端 Base internal side to end of the box	435	435
H	副臂上下待机 Sub-arm vertical standby	-	235
I	主臂前进最大值 Main arm max. fwd. movement	900	900
J	主臂前进最大行程 Main arm max. crosswise stroke	800	530
K	主臂前后待机最小值 Main arm min. crosswise standby	100	370
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	250
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	530
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	120
O	前后臂末端-箱体末端 Crosswise end to box end	1540	1540
P	手臂下降后最小高度 Min. height of arm after descending	920	920
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	40x40,4xM5/30x30,4xM5	
	治具安装尺寸 Jig mounting dimension — 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	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
METE-100-100-90-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
METE-100S-100-90-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

MDE-120V
MDE-120SV

注塑机锁模力 Injection Press Range
350-550 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

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拓星链应用平台 Topstar link application platform

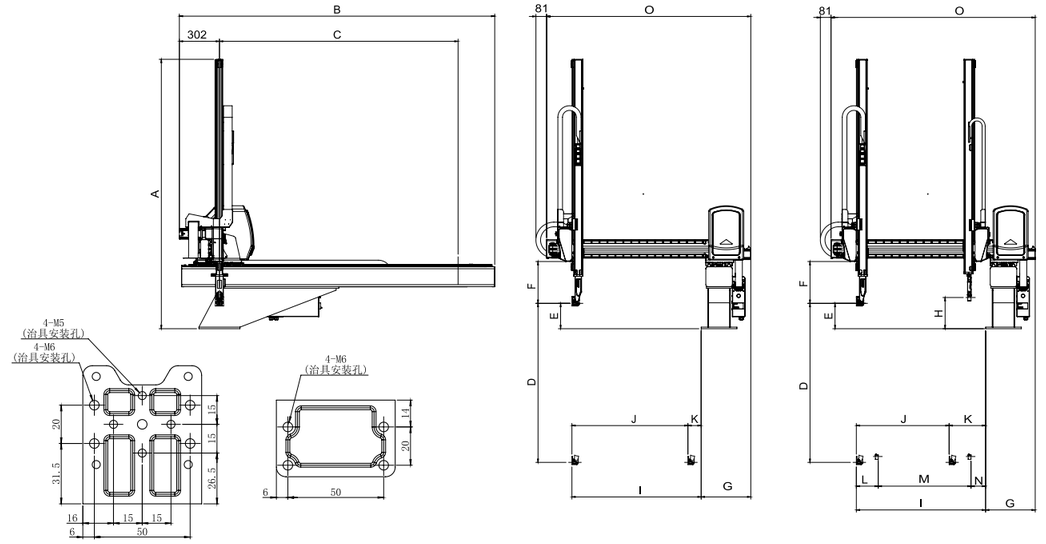
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基本参数 Basic Parameters

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
MDE-120V-120-97-18TR	AC220 ±10% 50/60HZ	2	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90° 固定/ 90° Fixed	6	0.1	1.9	8.6	13.2	270~280
MDE-120SV-120-97-18TR		2.8	0.5~0.7	2.9			6	0.1	1.9	8.6	13.2	290~300

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		MDE-120V-120	
		MDE-120V-120-97-18TR	MDE-120SV-120-97-18TR
A	总高 Total height	2040	2040
B	总长 Total length	2365	2365
C	走行行程 Traverse stroke	1800	1800
D	主臂上下行程 Main arm vertical stroke	1200	1200
E	主臂上下待机 Main arm standby height	210	210
F	夹具安装有效空间 Effective space for jig mounting	295	295
G	基座里侧面-箱体末端 Base internal side to end of the box	375	375
H	副臂上下待机 Sub-arm vertical standby	-	230
I	主臂前进最大值 Main arm max. fwd. movement	970	970
J	主臂前进最大行程 Main arm max. crosswise stroke	870	695
K	主臂前后待机最小值 Main arm min. crosswise standby	100	275
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	165
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	695
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	110
O	前后臂末端-箱体末端 Crosswise end to box end	1540	1540
P	手臂下降后最小高度 Min. height of arm after descending	1080	1080
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	20x50,4xM6/30x30,4xM5	
	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.

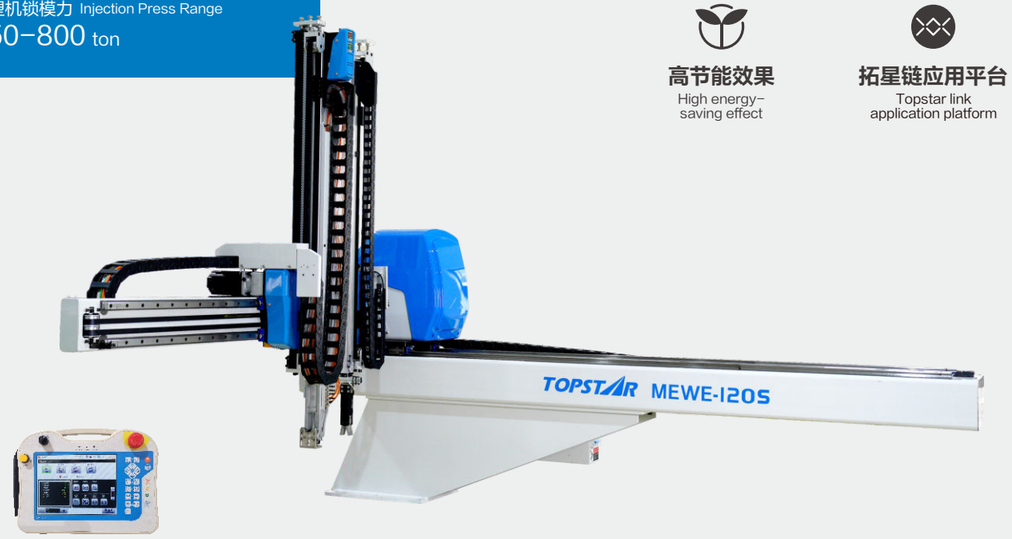
配置表 Configuration table

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
MDE-120V-120-97-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MDE-120SV-120-97-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

MEWE-120V
MEWE-120SV

注塑机锁模力 Injection Press Range
350-800 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

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拓星链应用平台 Topstar link application platform

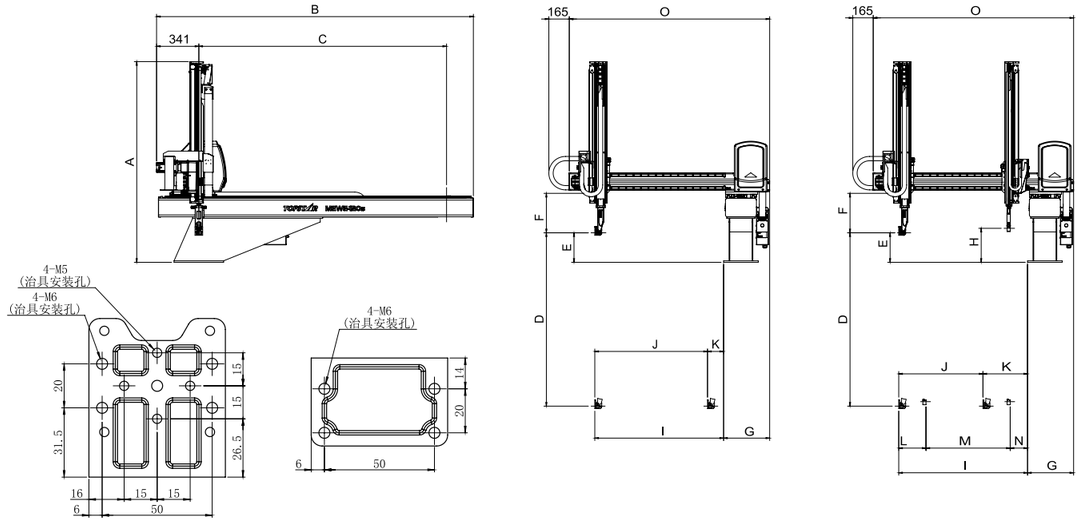
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基本参数 Basic Parameters

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
MEWE-120V-140-104-20TR	AC220 ±10% 50/60HZ	1.9	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90° 固定/ 90° Fixed	8	0.1	2.2	8.6	13.2	355~365
MEWE-120SV-140-104-20TR		2.8	0.5~0.7	2.9			8	0.1	2.2	8.6	13.2	375~385

外形尺寸 Outer dimensions



单位：mm Unit: mm	机型 Model	MEWE-120V-140	
		MEWE-120V-140-104-20TR	MEWE-120SV-140-104-20TR
A	总高 Total height	1650	1650
B	总长 Total length	2545	2545
C	走行行程 Traverse stroke	2000	2000
D	主臂上下行程 Main arm vertical stroke	1400	1400
E	主臂上下待机 Main arm standby height	260	260
F	夹具安装有效空间 Effective space for jig mounting	295	295
G	基座里侧面-箱体末端 Base internal side to end of the box	370	370
H	副臂上下待机 Sub-arm vertical standby	-	270
I	主臂前进最大值 Main arm max. fwd. movement	1040	1040
J	主臂前进最大行程 Main arm max. crosswise stroke	910	680
K	主臂前后待机最小值 Main arm min. crosswise standby	130	360
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	220
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	680
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	140
O	前后臂末端-箱体末端 Crosswise end to box end	1615	1615
P	手臂下降后最小高度 Min. height of arm after descending	980	980
Q	治具安装尺寸 Jig mounting dimension 动模面 Moveable platen	20x50,4xM6/30x30,4xM5	
	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
MEWE-120V-140-104-20TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MEWE-120SV-140-104-20TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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MDWE-110
MDWE-110S

注塑机锁模力 Injection Press Range
350-1300 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

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- 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.

高速度 High speed

- 可选配进口多摩川马达（转速可达6000r/min）；
- 最高转速提升10%，加减速时间缩减20%。

- Optional imported Domawa motor (rotation 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

- 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

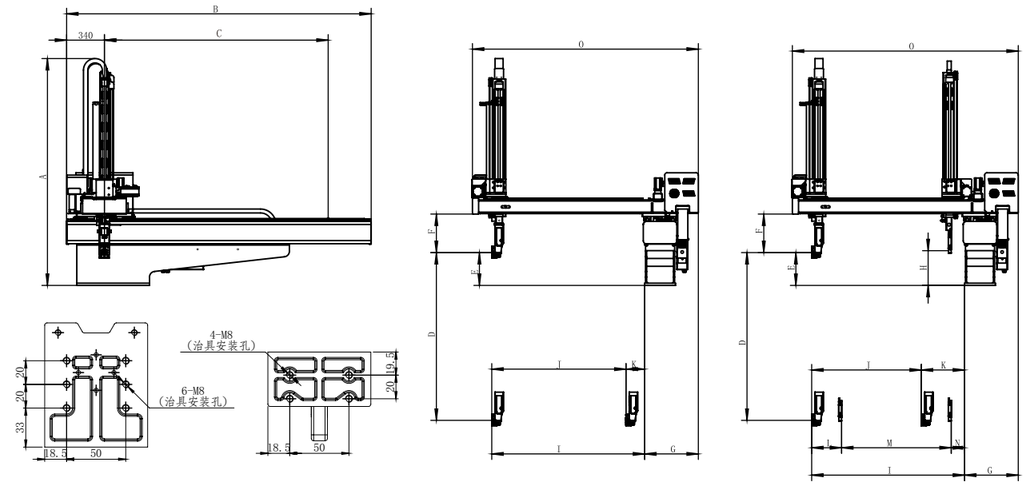
- 实时远程监控，设备运行数据统计、分析及寿命管理。

- 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
MDWE-110-150-136-20TR	AC 220 ±10% 50/60Hz	2	0.5~0.7	18	伺服马达 AC Servo Motor	90°	10	0.1	2.1	9.5	49.8	592~693
MDWE-110S-150-136-20TR		2.8	0.5~0.7	27			10	0.1	2.1	9.5	49.8	592~693
MDWE-110-170-136-20TR		2	0.5~0.7	18			10	0.1	2.2	9.8	49.8	592~693

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model			MDWE-110-150		MDWE-110-170
			MDWE-110-150-136-20TR	MDWE-110S-150-136-20TR	MDWE-110-170-136-25TR
A	总高 Total height		2080	2080	2200
B	总长 Total length		2730	2730	3210
C	走行行程 Traverse stroke		2000	2000	2500
D	主臂上下行程 Main arm vertical stroke		1500	1500	1700
E	主臂上下待机 Main arm standby height		290		
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		480		
H	副臂上下待机 Sub-arm vertical standby		-	310	-
I	主臂前进最大值 Main arm max. fwd. movement		1340		
J	主臂前进最大行程 Main arm max. crosswise stroke		1180	960	1180
K	主臂前后待机最小值 Main arm min. crosswise standby		160	380	160
L	主副臂接近最小值 Min. space between main arm and sub-arm		-	270	-
M	副臂前进最大行程 Sub-arm max. crosswise stroke		-	980	-
N	副臂前后待机最小值 Sub-arm min. crosswise standby		-	120	-
O	前后臂末端-箱体末端 Crosswise end to box end		2050	2050	
P	手臂下降后最小高度 Min. height of arm after descending		1640		1790
Q	治具安装尺寸 Jig mounting dimension	动模面 Moveable platen	40×50，6×M8		
		定模面 Fixed platen	20×50，4×M6		

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

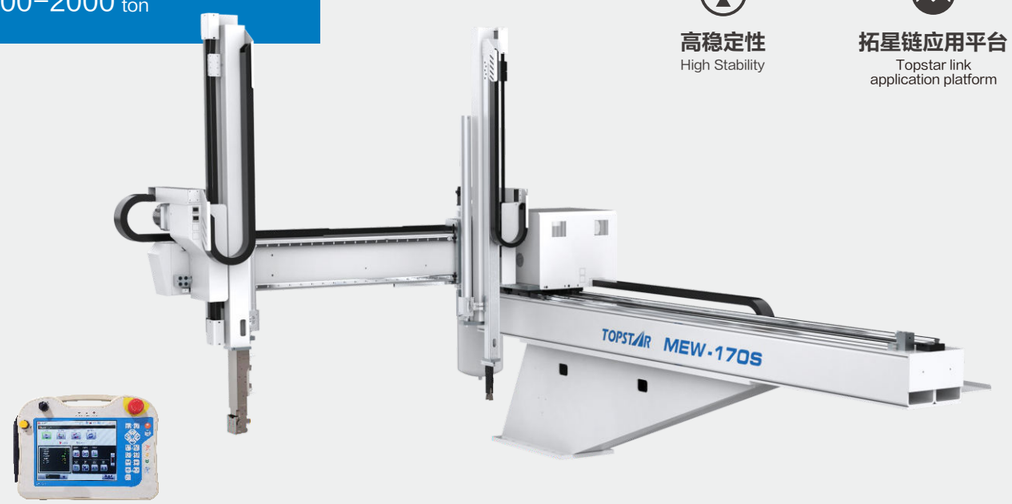
配置表 Configuration table

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
MDWE-110-150-136-20TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MDWE-110S-150-136-20TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MDWE-110-170-136-20TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

MEW-170
MEW-170S

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



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；
- 标配储气罐，保证气源稳定，保证产品吸附更加稳定；
- 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.
- Standard with gas tanks to ensure stability of gas source and ensure that the product adsorption is more stable.
- Use thickened square steel to improve the carrying and stability of traverse axis.

拓星链应用平台 Topstar link application platform

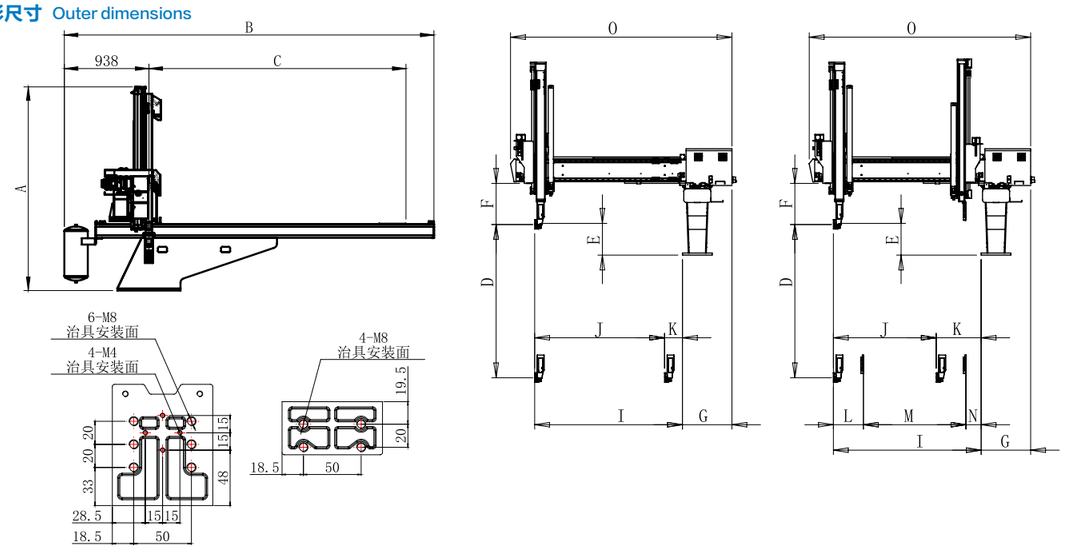
- 实时远程监控，设备运行数据统计、分析及寿命管理。

- 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	Nl/cycle	——	——	kg	mm	s	s	N.m	kg
MEW-170-170-160-25TR	AC220 ±10% 50/60HZ	2.4	0.5~0.7	26	伺服马达/ AC Servo Motor+ 气缸/ Air Cylinder	90° 固定/ 90° Fixed	20	0.2	3	11.8	49.8	1210~1260
MEW-170S-170-160-25TR		3.6	0.5~0.7	26			20	0.2	3	11.8	49.8	1360~1410
MEW-170-200-160-30TR		2.4	0.5~0.7	26			20	0.2	3.8	12.8	49.8	1450~1500
MEW-170S-200-160-30TR		3.6	0.5~0.7	26			20	0.2	3.8	12.8	49.8	1600~1650

外形尺寸 Outer dimensions



机型 Model / 单位：mm Unit: mm		MEW-170-170		MEW-170-200	
		MEW-170-170-160-25TR	MEW-170S-170-160-25TR	MEW-170-200-160-30TR	MEW-170S-200-160-30TR
A	总高 Total height	2175		2295	
B	总长 Total length	3620		4100	
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	295		295	
G	基座里侧面-箱体末端 Base internal side to end of the box	548		370	
H	副臂上下待机 Sub-arm vertical standby	-	410	-	410
I	主臂前进最大值 Main arm max. fwd. movement	1660		1660	
J	主臂前进最大行程 Main arm max. crosswise stroke	1440	1140	1440	1140
K	主臂前后待机最小值 Main arm min. crosswise standby	210	510	210	510
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	350	-	350
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	1140	-	1140
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	2455		2455	
P	手臂下降后最小高度 Min. height of arm after descending	1880		1880	
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	40x50,6xM8			
	治具安装尺寸 Jig mounting dimension — 定模面 Fixed platen	20X50,4xM8			

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

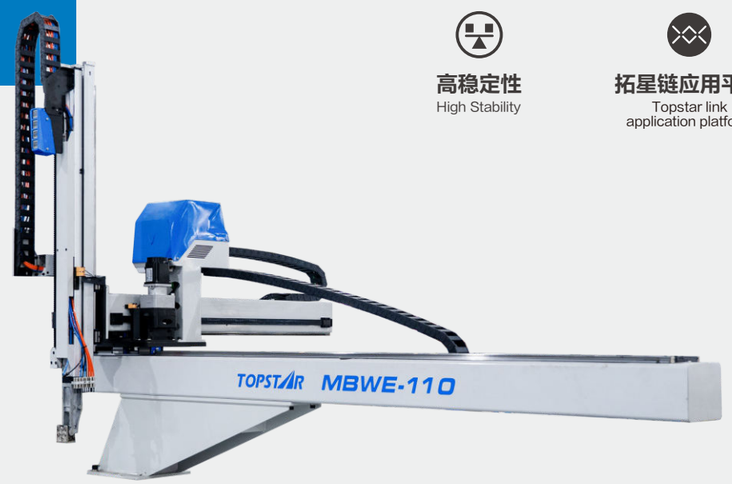
配置表 Configuration table

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
MEW-170-170-160-25TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MEW-170S-170-160-25TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MEW-170-200-160-30TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MEW-170S-200-160-30TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

MBWE-110V

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





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

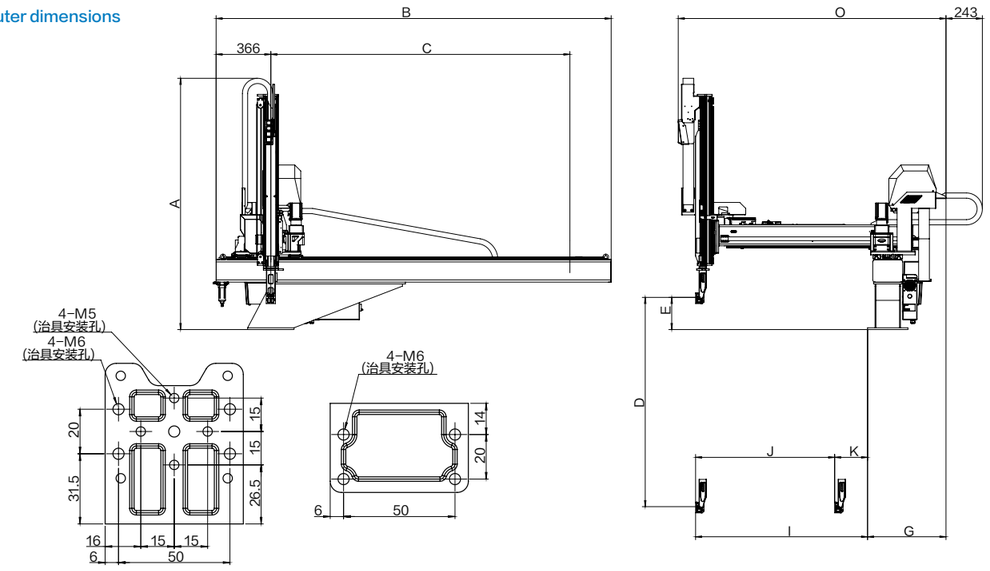
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基本参数 Basic Parameters

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
MBWE-110V-120-115-20TR	AC220 ±10% 50/60HZ	2.3	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90° 固定/ 90° Fixed	8	0.15	1.9	9	20.6	460
MBWE-110V-140-115-20TR		2.3	0.5~0.7	2.9			8	0.15	1.9	9	20.6	500

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		MBWE-110V-120 MBWE-110V-120-115-20TR	MBWE-110V-140 MBWE-110V-140-115-20TR
A	总高 Total height	1560	1680
B	总长 Total length	2650	2650
C	走行行程 Traverse stroke	2000	2000
D	主臂上下行程 Main arm vertical stroke	1200	1400
E	主臂上下待机 Main arm standby height	215	215
F	夹具安装有效空间 Effective space for jig mounting	275	275
G	基座里侧面-箱体末端 Base internal side to end of the box	525	525
H	副臂上下待机 Sub-arm vertical standby	–	–
I	主臂前进最大值 Main arm max. fwd. movement	1150	1150
J	主臂前进最大行程 Main arm max. crosswise stroke	930	930
K	主臂前后待机最小值 Main arm min. crosswise standby	220	220
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	1790	1790
P	手臂下降后最小高度 Min. height of arm after descending	1100	1100
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	20x50,4xM6/30x30,4xM5	
	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
MBWE-110V-120-115-20TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MBWE-110V-140-115-20TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

MBWE-130V

注塑机锁模力 Injection Press Range
550-1000 ton





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；
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- 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；
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高稳定性 High stability

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拓星链应用平台 Topstar link application platform

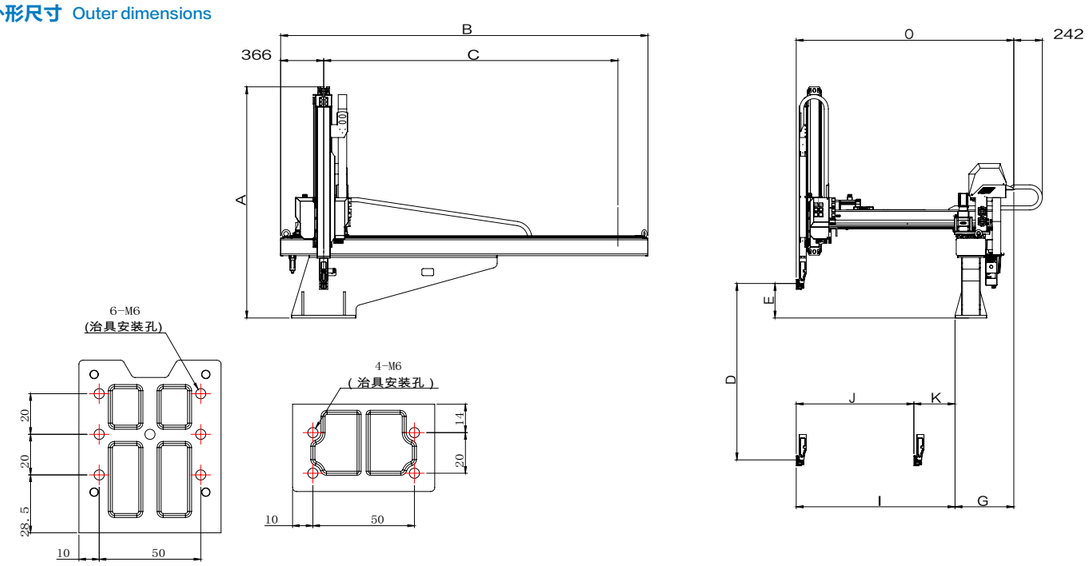
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机型 Model	电源 Power Supply	最大消费电力 Max Power Consumption	使用气压 Air Pressure	空气消费量 Air Consumption	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	最大可搬重量 Max.Load	重复定位精度 Repeated Positioning Accuracy	最小取出时间 Minimum take-out time	空循环时间 (不含治具) Dry cycle time (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
MBWE-130V-130-135-20TR	AC220 ±10% 50/60HZ	2.4	0.5~0.7	24	伺服马达 / AC Servo Motor	90° 固定/ 90° Fixed	15	0.15	2.3	9.8	20.6	540~560
MBWE-130V-150-135-25TR		2.4	0.5~0.7	24			15	0.15	2.3	9.8	20.6	550~570
MBWE-130V-170-135-25TR		2.4	0.5~0.7	24			15	0.15	2.3	9.8	20.6	560~580

外形尺寸 Outer dimensions



机型 Model / 单位：mm Unit: mm		MBWE-130V		
		MBWE-130V-130-135-20TR	MBWE-130V-150-135-25TR	MBWE-130V-170-135-25TR
A	总高 Total height	1880	2000	2060
B	总长 Total length	2645	3125	3125
C	走行行程 Traverse stroke	2000	2500	2500
D	主臂上下行程 Main arm vertical stroke	1300	1500	1700
E	主臂上下待机 Main arm standby height	295	295	295
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	500	500	500
H	副臂上下待机 Sub-arm vertical standby	–	–	–
I	主臂前进最大值 Main arm max. fwd. movement	1350	1350	1350
J	主臂前进最大行程 Main arm max. crosswise stroke	1000	1000	1000
K	主臂前后待机最小值 Main arm min. crosswise standby	350	350	350
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	1850	1850	1850
P	手臂下降后最小高度 Min. height of arm after descending	1315	1315	1315
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	40X50,6-M6		
	治具安装尺寸 Jig mounting dimension — 定模面 Fixed platen	20X50,4-M6		

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-130V-130-135-20TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MBWE-130V-150-135-25TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MBWE-130V-170-135-25TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

MBWE-170V

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





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

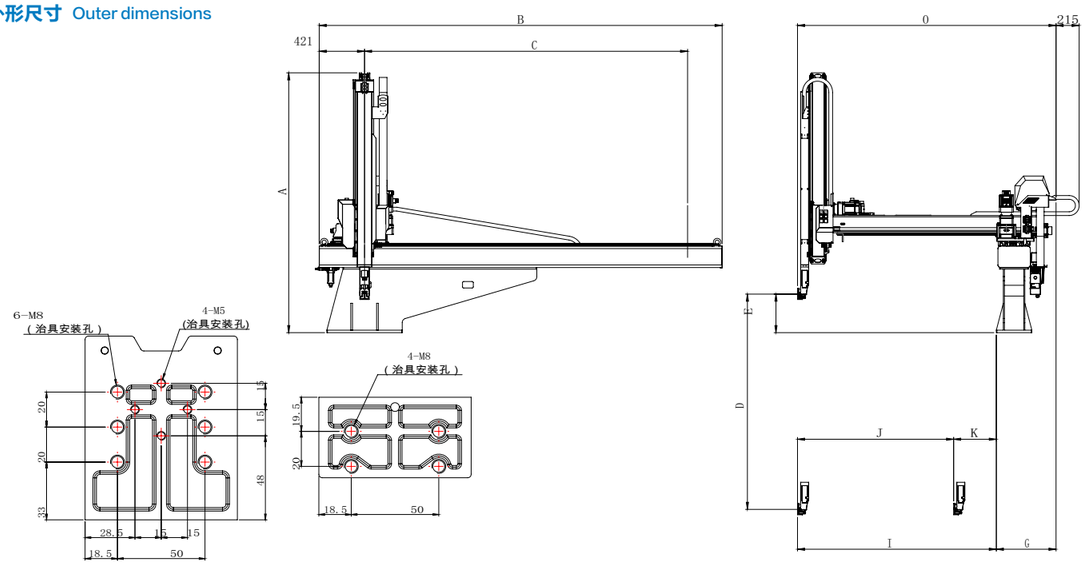
- 实时远程监控，设备运行数据统计、分析及寿命管理。

- 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	Nl/cycle	——	——	kg	mm	s	s	N.m	kg
MBWE-170V-170-185-25TR	AC220 ±10% 50/60HZ	3	0.5~0.7	24	伺服马达 / AC Servo Motor	90° 固定/ 90° Fixed	25	0.2	3	11.8	49.8	880~900
MBWE-170V-200-185-30TR		3	0.5~0.7	24			25	0.2	3.5	12.6	49.8.	890~910
MBWE-170V-230-185-30TR		3	0.5~0.7	24			25	0.2	3.8	12.9	49.8	900~920

外形尺寸 Outer dimensions



单位：mm Unit: mm ／ 机型 Model		MBWE-170V		
		MBWE-170V-170-185-25TR	MBWE-170V-200-185-30TR	MBWE-170V-230-185-30TR
A	总高 Total height	2270	2450	2570
B	总长 Total length	3265	3745	3745
C	走行行程 Traverse stroke	2500	3000	3000
D	主臂上下行程 Main arm vertical stroke	1700	2000	2300
E	主臂上下待机 Main arm standby height	360	360	360
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	555	555	555
H	副臂上下待机 Sub-arm vertical standby	–	–	–
I	主臂前进最大值 Main arm max. fwd. movement	1900	1900	1900
J	主臂前进最大行程 Main arm max. crosswise stroke	1500	1500	1500
K	主臂前后待机最小值 Main arm min. crosswise standby	423	423	423
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	2460	2460	2460
P	手臂下降后最小高度 Min. height of arm after descending	1455	1455	1455
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	40X50,6-M8/30X30,4-M5		
	治具安装尺寸 Jig mounting dimension — 定模面 Fixed platen	20X50,4-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-170V-170-185-25TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MBWE-170V-200-185-30TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MBWE-170V-230-185-30TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

MBWE-200V

注塑机锁模力 Injection Press Range
1600~4000 ton





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

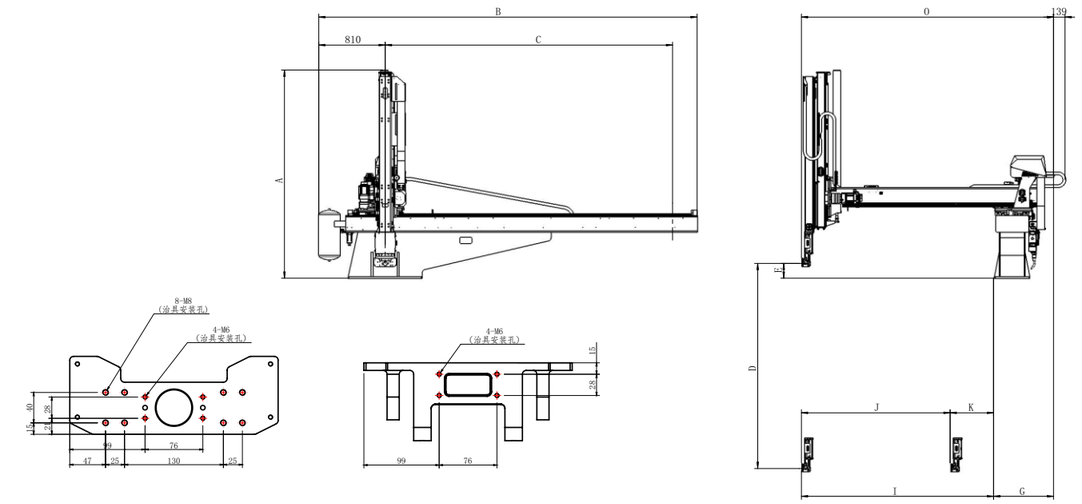
- 实时远程监控，设备运行数据统计、分析及寿命管理。

- 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	Nl/cycle	——	——	kg	mm	s	s	N.m	kg
MBWE-200V-200-235-30TR	AC220 ±10% 50/60HZ	4.5	0.5~0.7	48	伺服马达+气缸 / AC Servo Motor+ Air Cylinder	90° 固定/ 90° Fixed	50	0.2	9.2	19	181.4	1585~1820
MBWE-200V-250-235-35TR		4.5	0.5~0.7	48			50	0.2	9.8	19.6	181.4	1585~1820
MBWE-200V-300-235-35TR		4.5	0.5~0.7	48			50	0.2	10	20	181.4	1585~1820

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		MBWE-200		
		MBWE-200V-200-235-30TR	MBWE-200V-250-235-35TR	MBWE-200V-300-235-35TR
A	总高 Total height	2290	2540	2770
B	总长 Total length	4130	4610	4610
C	走行行程 Traverse stroke	3000	3500	3500
D	主臂上下行程 Main arm vertical stroke	2000	2500	3000
E	主臂上下待机 Main arm standby height	210	210	210
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	730	730	730
H	副臂上下待机 Sub-arm vertical standby	–	–	–
I	主臂前进最大值 Main arm max. fwd. movement	2350	2350	2350
J	主臂前进最大行程 Main arm max. crosswise stroke	1820	1820	1820
K	主臂前后待机最小值 Main arm min. crosswise standby	530	530	530
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	3080	3080	3080
P	手臂下降后最小高度 Min. height of arm after descending	2040	2545	2545
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	40x180,8xM8/28x76,4xM5		
	治具安装尺寸 Jig mounting dimension — 定模面 Fixed platen	28x76,4-M6		

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-200V-200-235-30TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MBWE-200V-250-235-35TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
MBWE-200V-300-235-35TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

TMDE-50
TMDE-50S

注塑机锁模力 Injection Press Range
30-100 ton



安全性
Safety

稳定性
Stability

适应性
Adaptability

拓星链应用平台
Topstar link application platform

顶针跟随
Top needle follow

实时调整关节力矩
使机械手对外力柔顺响应
避免碰撞损坏模具
安全性：减少碰撞伤害

Real time adjustment of joint torque
Make the robotic arm respond smoothly to external forces
Avoid collision damage to the mold
Safety: Reduce collision injuries

开模精度
Precision of mold opening

自动准确调整
支持注塑机调用信号，检测注塑机开模位置，自动调整行程
减少因开模精度不准而导致的报警和调机次数
稳定性：减少生产波动—调试次数

Automatic and accurate adjustment
Support injection molding machine call signals, detect the mold opening position of the injection molding machine, and automatically adjust the stroke
Reduce the number of alarms and machine adjustments caused by inaccurate mold precision
Stability: Reduce production fluctuations - debugging frequency

电机自调整
Motor self-adjusting

据实际工况可智能调节电机的加减速，设备稳定运行年限有效率，提高30%
适应性：减少振荡和超调，能应对负载和环境变化

According to actual working conditions, the acceleration and deceleration of the motor can be intelligently adjusted, and the equipment can operate stably and efficiently, increasing efficiency by 30%.
Adaptability: Reduce oscillation and overshoot, able to cope with load and environmental changes

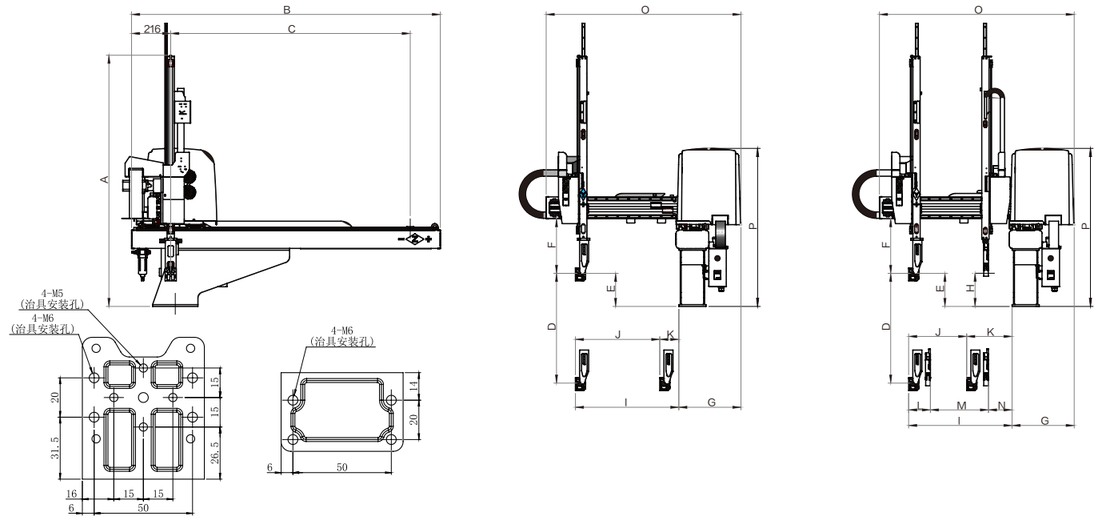
拓星链应用平台
Topstar link application platform

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.

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
TMDE-50-60-57-12TR	AC220 ±10% 50/60HZ	1.7	0.5~0.7	3.6	伺服马达/ AC Servo Motor	90°	3	0.1	1.3	5.8	13.2	150~160
TMDE-50S-60-57-12TR		2.1	0.5~0.7	3.6			3	0.1	1.3	5.8	13.2	170~190

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		TMDE-50S-60	
		TMDE-50-60-57-12TR	TMDE-50S-60-57-12TR
A	总高 Total height	1390	1390
B	总长 Total length	1705	1705
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	180	180
F	夹具安装有效空间 Effective space for jig mounting	300	300
G	基座里侧面-箱体末端 Base internal side to end of the box	340	340
H	副臂上下待机 Sub-arm vertical standby	-	180
I	主臂前进最大值 Main arm max. fwd. movement	570	570
J	主臂前进最大行程 Main arm max. crosswise stroke	465	320
K	主臂前后待机最小值 Main arm min. crosswise standby	105	250
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	120
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	320
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	130
O	前后臂末端-箱体末端 Crosswise end to box end	1070	1070
P	手臂下降后最小高度 Min. height of arm after descending	950	950
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	40x40,4xM5/30x30,4xM5	
	治具安装尺寸 Jig mounting dimension — 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	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
TMDE-50-60-57-12TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
TMDE-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.

TMDE-80Ⅱ
TMDE-80SⅡ

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



安全性 Safety

稳定性 Stability

适应性 Adaptability

拓星链应用平台 Topstar link application platform

顶针跟随
Top needle follow

实时调整关节力矩
使机械手对外力柔顺响应
避免碰撞损坏模具
安全性：减少碰撞伤害

Real time adjustment of joint torque
Make the robotic arm respond smoothly to external forces
Avoid collision damage to the mold
Safety: Reduce collision injuries

电机自调整
Motor self-adjusting

据实际工况可智能调节电机的加减速，设备稳定运行年限有效率，提高30%
适应性：减少振荡和超调，能应对负载和环境变化

According to actual working conditions, the acceleration and deceleration of the motor can be intelligently adjusted, and the equipment can operate stably and efficiently, increasing efficiency by 30%.
Adaptability: Reduce oscillation and overshoot, able to cope with load and environmental changes

开模精度
Precision of mold opening

自动准确调整
支持注塑机调用信号，检测注塑机开模位置，自动调整行程
减少因开模精度不准而导致的报警和调机次数
稳定性：减少生产波动一调试次数

Automatic and accurate adjustment
Support injection molding machine call signals, detect the mold opening position of the injection molding machine, and automatically adjust the stroke
Reduce the number of alarms and machine adjustments caused by inaccurate mold precision
Stability: Reduce production fluctuations - debugging frequency

拓星链应用平台
Topstar link application platform

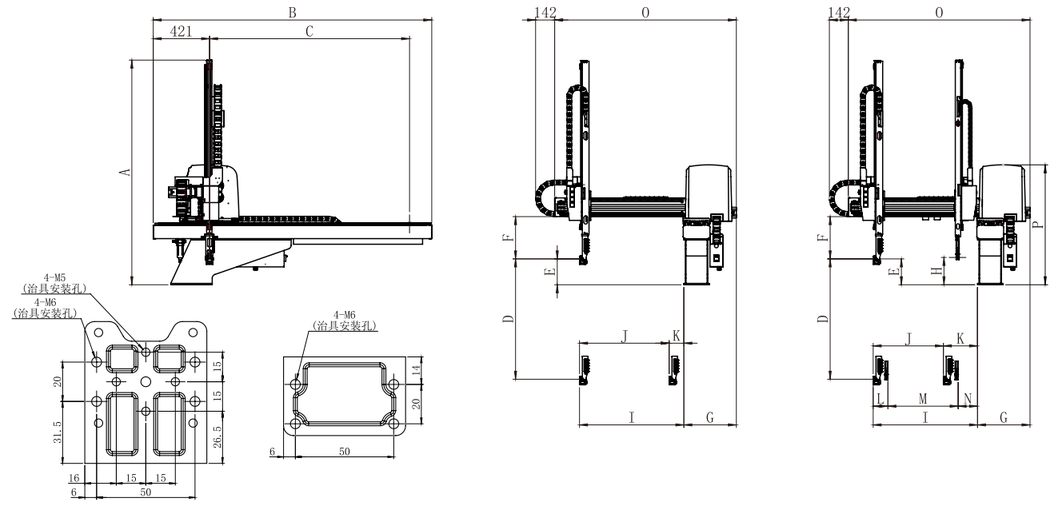
实时远程监控，设备运行数据统计、分析及寿命管理。

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
TMDE-80Ⅱ-80-78-14TR	AC220 ±10% 50/60HZ	1.3	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90°	4	0.1	1.7	6.6	13.2	190~210
TMDE-80SⅡ-80-78-14TR		2.1	0.5~0.7	2.9			4	0.1	1.7	6.6	13.2	190~210
TMDE-80Ⅱ-90-78-16TR		1.3	0.5~0.7	2.9			4	0.1	1.7	6.6	13.2	190~210
TMDE-80SⅡ-90-78-16TR		2.1	0.5~0.7	2.9			4	0.1	1.7	6.6	13.2	190~210

外形尺寸 Outer dimensions



机型 Model / 单位：mm Unit: mm		TMDE-80Ⅱ-80		TMDE-80Ⅱ-90	
		TMDE-80Ⅱ-80-78-14TR	TMDE-80SⅡ-80-78-14TR	TMDE-80Ⅱ-90-78-16TR	TMDE-80SⅡ-90-78-16TR
A	总高 Total height	1560	1560	1680	1680
B	总长 Total length	1905	1905	2085	2085
C	走行行程 Traverse stroke	1400	1400	1600	1600
D	主臂上下行程 Main arm vertical stroke	800	800	900	900
E	主臂上下待机 Main arm standby height	185	185	185	185
F	夹具安装有效空间 Effective space for jig mounting	295	295	295	295
G	基座里侧面-箱体末端 Base internal side to end of the box	360	360	360	360
H	副臂上下待机 Sub-arm vertical standby	-	204	-	204
I	主臂前进最大值 Main arm max. fwd. movement	780	780	780	780
J	主臂前进最大行程 Main arm max. crosswise stroke	670	525	670	525
K	主臂前后待机最小值 Main arm min. crosswise standby	110	255	110	255
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	140	-	140
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	495	-	495
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	145	-	145
O	前后臂末端-箱体末端 Crosswise end to box end	1360	1360	1360	1360
P	手臂下降后最小高度 Min. height of arm after descending	980	980	980	980
Q	治具安装尺寸 Jig mounting dimension 动模面 Moveable platen	20x50,4xM6/30x30,4xM5			
	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
TMDE-80Ⅱ-80-78-14TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
TMDE-80SⅡ-80-78-14TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
TMDE-80Ⅱ-90-78-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
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TMEWE-80SⅡ

注塑机锁模力 Injection Press Range
100-350 ton



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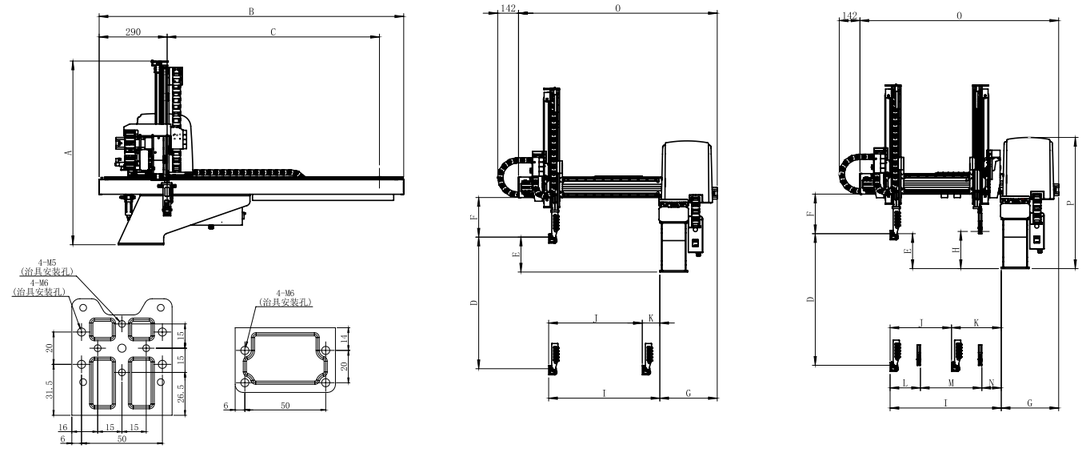
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单位 Unit	V	KW	Mpa	Nl/cycle	——	——	kg	mm	s	s	N.m	kg
TMEWE-80Ⅱ-90-76-14TR	AC220 ±10% 50/60HZ	2	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90°	4	0.1	1.6	6.6	13.2	200~210
TMEWE-80SⅡ-90-76-14TR		2.8	0.5~0.7	2.9			4	0.1	1.6	6.6	13.2	200~210
TMEWE-80Ⅱ-90-76-16TR		2	0.5~0.7	2.9			4	0.1	1.6	6.6	13.2	200~210
TMEWE-80SⅡ-90-76-16TR		2.8	0.5~0.7	2.9			4	0.1	1.6	6.6	13.2	220~230
TMEWE-80Ⅱ-100-76-16TR		2	0.5~0.7	2.9			4	0.1	1.7	6.5	13.2	220~230
TMEWE-80SⅡ-100-76-16TR		2.8	0.5~0.7	2.9			4	0.1	1.7	6.5	13.2	220~230

外形尺寸 Outer dimensions



机型 Model / 单位：mm Unit: mm		TMEWE-80Ⅱ-90				TMEWE-80Ⅱ-100	
		TMEWE-80Ⅱ-90-76-14TR	TMEWE-80SⅡ-90-76-14TR	TMEWE-80Ⅱ-90-76-16TR	TMEWE-80SⅡ-90-76-16TR	TMEWE-80Ⅱ-100-76-16TR	TMEWE-80SⅡ-100-76-16TR
A	总高 Total height	1280	1280	1280	1280	1330	1330
B	总长 Total length	1905	1905	2085	2085	2085	2085
C	走行行程 Traverse stroke	1400	1400	1600	1600	1600	1600
D	主臂上下行程 Main arm vertical stroke	900	900	900	900	1000	1000
E	主臂上下待机 Main arm standby height	240	240	240	240	240	240
F	夹具安装有效空间 Effective space for jig mounting	270	270	270	270	270	270
G	基座里侧面-箱体末端 Base internal side to end of the box	392	392	392	392	392	392
H	副臂上下待机 Sub-arm vertical standby	-	254	-	254	-	254
I	主臂前进最大值 Main arm max. fwd. movement	760	760	760	760	760	760
J	主臂前进最大行程 Main arm max. crosswise stroke	640	420	640	420	640	420
K	主臂前后待机最小值 Main arm min. crosswise standby	120	340	120	340	120	340
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	208	-	208	-	208
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	420	-	420	-	420
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	132	-	132	-	132
O	前后臂末端-箱体末端 Crosswise end to box end	1360	1360	1360	1360	1360	1360
P	手臂下降后最小高度 Min. height of arm after descending	905	905	905	905	905	905
Q	治具安装尺寸 Jig mounting dimension	动模面 Moveable 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
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TMDE−120Ⅱ
TMDE−120SⅡ

注塑机锁模力 Injection Press Range
350−550 ton



安全性 Safety

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适应性 Adaptability

拓星链应用平台
Topstar link application platform

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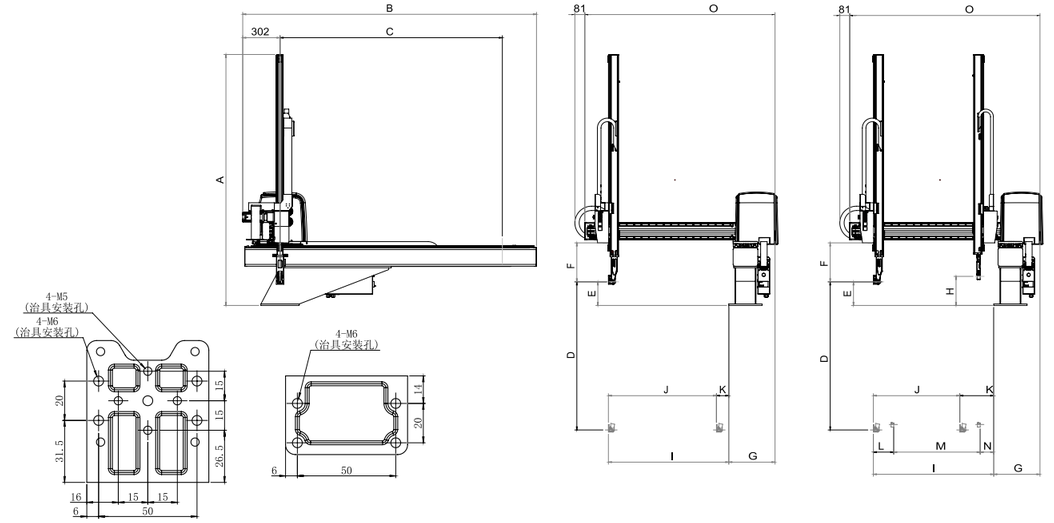
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机型 Model	电源 Power Supply	最大消费电力 Max Power Consumption	使用气压 Air Pressure	空气消费量 Air Consumption	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	最大可搬重量 Max.Load	重复定位精度 Repeated Positioning Accuracy	最小取出时间 Minimum take-out time	空循环时间（不含治具） Dry cycle time (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
TMDE−120Ⅱ−120−97−18TR	AC220 ±10% 50/60HZ	2	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90°	6	0.1	2.3	9	13.2	270~280
TMDE−120SⅡ−120−97−18TR		2.8	0.5~0.7	2.9			6	0.1	2.3	9	13.2	290~300

外形尺寸 Outer dimensions



单位：mm Unit: mm ／ 机型 Model			TMDE−120Ⅱ	
			TMDE−120Ⅱ−120−97−18TR	TMDE−120SⅡ−120−97−18TR
A	总高 Total height		2040	2040
B	总长 Total length		2365	2365
C	走行行程 Traverse stroke		1800	1800
D	主臂上下行程 Main arm vertical stroke		1200	1200
E	主臂上下待机 Main arm standby height		210	210
F	夹具安装有效空间 Effective space for jig mounting		295	295
G	基座里侧面-箱体末端 Base internal side to end of the box		375	375
H	副臂上下待机 Sub-arm vertical standby		-	230
I	主臂前进最大值 Main arm max. fwd. movement		970	970
J	主臂前进最大行程 Main arm max. crosswise stroke		870	695
K	主臂前后待机最小值 Main arm min. crosswise standby		100	275
L	主副臂接近最小值 Min. space between main arm and sub-arm		-	165
M	副臂前进最大行程 Sub-arm max. crosswise stroke		-	695
N	副臂前后待机最小值 Sub-arm min. crosswise standby		-	110
O	前后臂末端-箱体末端 Crosswise end to box end		1540	1540
P	手臂下降后最小高度 Min. height of arm after descending		1080	1080
Q	治具安装尺寸 Jig mounting dimension	动模面 Moveable platen	20x50,4xM6/30x30,4xM5	
		定模面 Fixed platen	20X50,4xM6	

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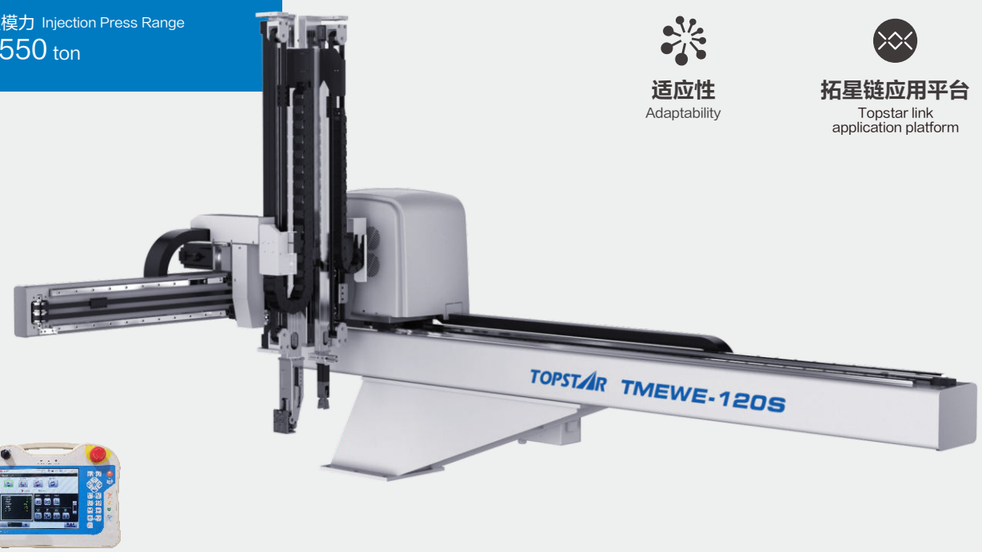
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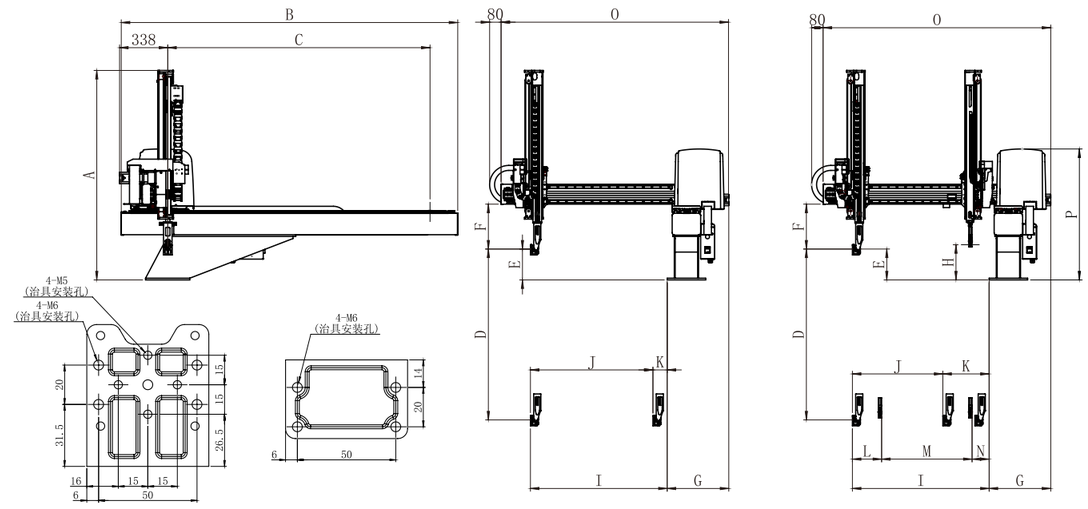
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机型 Model	电源 Power Supply	最大消费电力 Max Power Consumption	使用气压 Air Pressure	空气消费量 Air Consumption	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	最大可搬重量 Max.Load	重复定位精度 Repeated Positioning Accuracy	最小取出时间 Minimum take-out time	空循环时间 (不含治具) Dry cycle time (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
TMEWE-120Ⅱ-120-96-18TR	AC220 ±10% 50/60HZ	2	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90°	6	0.1	2.2	8.5	13.2	275~285
TMEWE-120SⅡ-120-96-18TR		2.8	0.5~0.7	2.9			6	0.1	2.2	8.5	13.2	295~305
TMEWE-120Ⅱ-140-96-18TR		2	0.5~0.7	2.9			6	0.1	2.3	8.8	13.2	295~305
TMEWE-120SⅡ-140-96-18TR		2.8	0.5~0.7	2.9			6	0.1	2.3	8.8	13.2	315~325

外形尺寸 Outer dimensions



单位：mm Unit: mm \ 机型 Model		TMEWE-120Ⅱ-120		TMEWE-120Ⅱ-140	
		TMEWE-120Ⅱ-120-96-18TR	TMEWE-120SⅡ-120-96-18TR	TMEWE-120Ⅱ-140-96-18TR	TMEWE-120SⅡ-140-96-18TR
A	总高 Total height	1500	1500	1560	1560
B	总长 Total length	2365	2365	2365	2365
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	215	215	215	215
F	夹具安装有效空间 Effective space for jig mounting	290	290	290	290
G	基座里侧面-箱体末端 Base internal side to end of the box	375	375	375	375
H	副臂上下待机 Sub-arm vertical standby	-	220	-	220
I	主臂前进最大值 Main arm max. fwd. movement	960	960	960	960
J	主臂前进最大行程 Main arm max. crosswise stroke	860	630	860	630
K	主臂前后待机最小值 Main arm min. crosswise standby	100	330	100	330
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	210	-	210
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	630	-	630
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	120	-	120
O	前后臂末端-箱体末端 Crosswise end to box end	1540	1540	1540	1540
P	手臂下降后最小高度 Min. height of arm after descending	930	930	930	930
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	20x50,4xM6/30x30,4xM5			
	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
TMEWE-120Ⅱ-120-96-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
TMEWE-120SⅡ-120-96-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
TMEWE-120Ⅱ-140-96-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
TMEWE-120SⅡ-140-96-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

T5-80
T5-80S

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





安全性
Safety

稳定性
Stability

适应性
Adaptability

拓星链应用平台
Topstar link application platform

顶针跟随
Top needle follow

实时调整关节力矩
使机械手对外力柔顺响应
避免碰撞损坏模具
安全性：减少碰撞伤害

Real time adjustment of joint torque
Make the robotic arm respond smoothly to external forces
Avoid collision damage to the mold
Safety: Reduce collision injuries

开模精度
Precision of mold opening

自动准确调整
支持注塑机调用信号，检测注塑机开模位置，自动调整行程
减少因开模精度不准而导致的报警和调机次数
稳定性：减少生产波动一调试次数

Automatic and accurate adjustment
Support injection molding machine call signals, detect the mold opening position of the injection molding machine, and automatically adjust the stroke
Reduce the number of alarms and machine adjustments caused by inaccurate mold precision
Stability: Reduce production fluctuations - debugging frequency

电机自调整
Motor self-adjusting

据实际工况可智能调节电机的加减速，设备稳定运行年限有效率，提高30%
因规模扩张或技术升级等原因转售设备，T5更保值
适应性：减少振荡和超调，能应对负载和环境变化

According to actual working conditions, the acceleration and deceleration of the motor can be intelligently adjusted, and the equipment can operate stably and efficiently, increasing efficiency by 30%.
Resale of equipment due to scale expansion or technological upgrades, T5 retains its value
Adaptability: Reduce oscillation and overshoot, able to cope with load and environmental changes

拓星链应用平台
Topstar link application platform

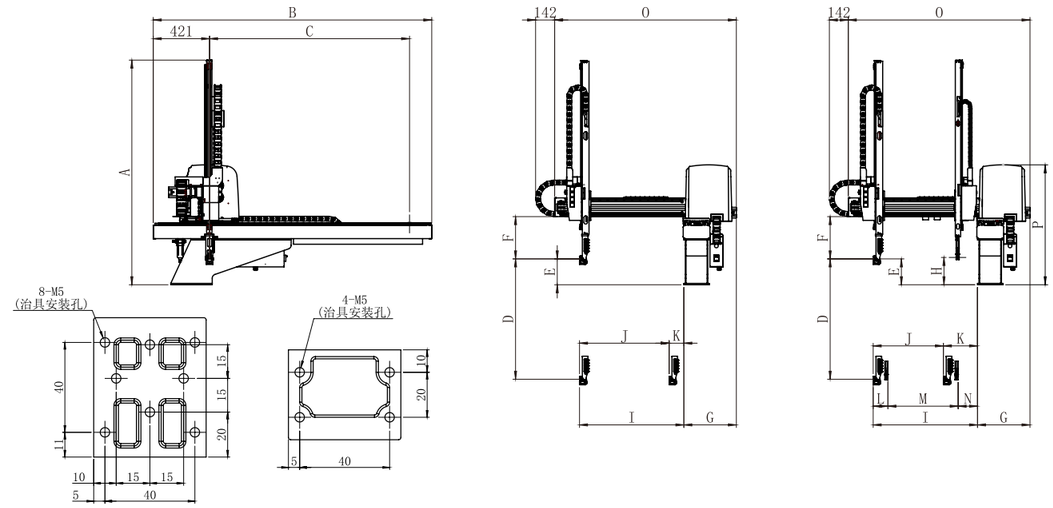
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Real-time remote monitoring, data statistics, analysis and life management of equipment operation.

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
T5-80-80-78-14TR	AC220 ±10% 50/60HZ	1.3	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90°	4	0.1	1.8	6.8	6.0	190~210
T5-80S-80-78-14TR		2.1	0.5~0.7	2.9			4	0.1	1.8	6.8	6.0	190~210
T5-80-90-78-16TR		1.3	0.5~0.7	2.9			4	0.1	1.8	6.8	6.0	190~210
T5-80S-90-78-16TR		2.1	0.5~0.7	2.9			4	0.1	1.8	6.8	6.0	190~210

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model		T5-80-80		T5-80-90	
		T5-80-80-78-14TR	T5-80S-80-78-14TR	T5-80-90-78-16TR	T5-80S-90-78-16TR
A	总高 Total height	1560	1560	1680	1680
B	总长 Total length	1905	1905	2085	2085
C	走行行程 Traverse stroke	1400	1400	1600	1600
D	主臂上下行程 Main arm vertical stroke	800	800	900	900
E	主臂上下待机 Main arm standby height	185	185	185	185
F	夹具安装有效空间 Effective space for jig mounting	295	295	295	295
G	基座里侧面-箱体末端 Base internal side to end of the box	360	360	360	360
H	副臂上下待机 Sub-arm vertical standby	-	204	-	204
I	主臂前进最大值 Main arm max. fwd. movement	780	780	780	780
J	主臂前进最大行程 Main arm max. crosswise stroke	670	525	670	525
K	主臂前后待机最小值 Main arm min. crosswise standby	110	255	110	255
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	110	-	110
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	525	-	525
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	145	-	145
O	前后臂末端-箱体末端 Crosswise end to box end	1360	1360	1360	1360
P	手臂下降后最小高度 Min. height of arm after descending	980	980	980	980
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	40x40,4xM5/30x30,4xM5			
	治具安装尺寸 Jig mounting dimension — 定模面 Fixed platen	20X40,4xM5			

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

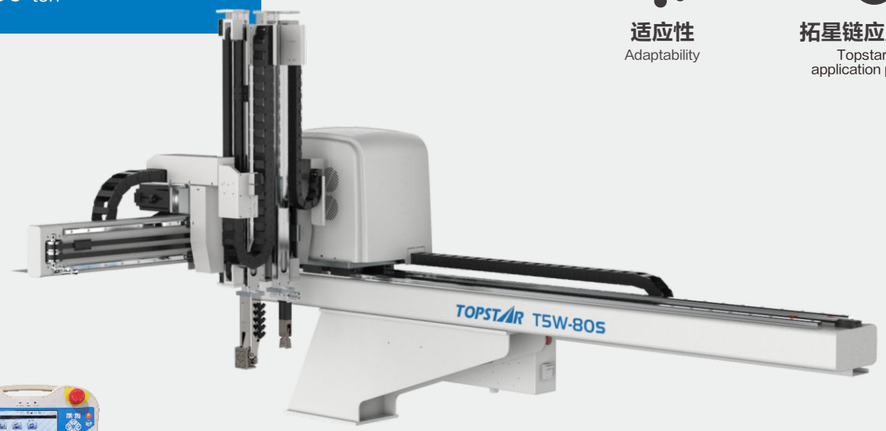
配置表 Configuration table

机型 Model	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
T5-80-80-78-14TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
T5-80S-80-78-14TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
T5-80-90-78-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
T5-80S-90-78-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

T5W-80
T5W-80S

注塑机锁模力 Injection Press Range
100-350 ton





安全性 Safety

稳定性 Stability

适应性 Adaptability

拓星链应用平台
Topstar link application platform

顶针跟随
Top needle follow

实时调整关节力矩
使机械手对外力柔顺响应
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Topstar link application platform

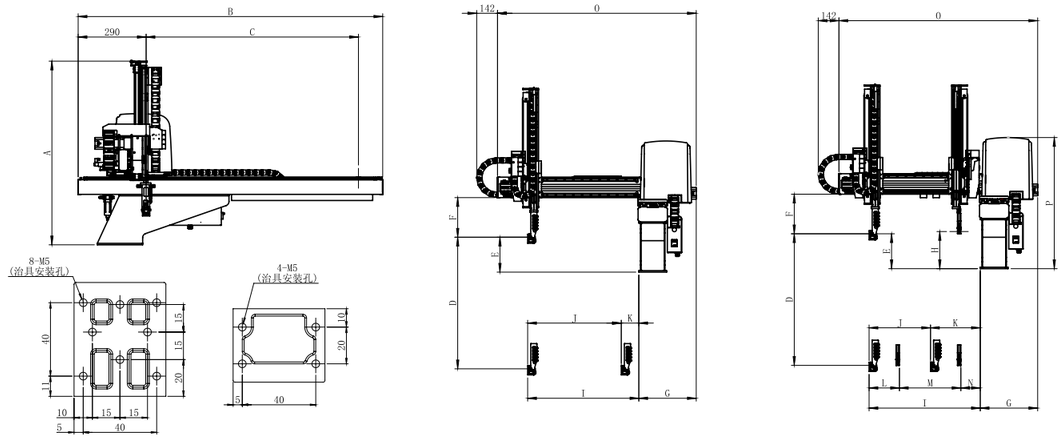
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单位 Unit	V	KW	Mpa	Nl/cycle	——	——	kg	mm	s	s	N.m	kg
T5W-80-90-76-14TR	AC220 ±10% 50/60HZ	2	0.5~0.7	2.9	伺服马达 / AC Servo Motor	90°	4	0.1	1.7	6.8	6.0	200~210
T5W-80S-90-76-14TR		2.8	0.5~0.7	2.9			4	0.1	1.7	6.8	6.0	200~210
T5W-80-90-76-16TR		2	0.5~0.7	2.9			4	0.1	1.7	6.8	6.0	200~210
T5W-80S-90-76-16TR		2.8	0.5~0.7	2.9			4	0.1	1.7	6.8	6.0	220~230
T5W-80-100-76-16TR		2	0.5~0.7	2.9			4	0.1	1.8	6.9	6.0	220~230
T5W-80S-100-76-16TR		2.8	0.5~0.7	2.9			4	0.1	1.8	6.9	6.0	220~230

外形尺寸 Outer dimensions



机型 Model / 单位：mm Unit: mm		T5W-80-90				T5W-80-100	
		T5W-80-90-76-14TR	T5W-80S-90-76-14TR	T5W-80-90-76-16TR	T5W-80S-90-76-16TR	T5W-80-100-76-16TR	T5W-80S-100-76-16TR
A	总高 Total height	1280	1280	1280	1280	1340	1340
B	总长 Total length	1905	1905	2085	2085	2085	2085
C	走行行程 Traverse stroke	1400	1400	1600	1600	1600	1600
D	主臂上下行程 Main arm vertical stroke	900	900	900	900	1000	1000
E	主臂上下待机 Main arm standby height	240	240	240	240	240	240
F	夹具安装有效空间 Effective space for jig mounting	270	270	270	270	270	270
G	基座里侧面-箱体末端 Base internal side to end of the box	392	392	392	392	392	392
H	副臂上下待机 Sub-arm vertical standby	-	254	-	254	-	254
I	主臂前进最大值 Main arm max. fwd. movement	760	760	760	760	760	760
J	主臂前进最大行程 Main arm max. crosswise stroke	640	420	640	420	640	420
K	主臂前后待机最小值 Main arm min. crosswise standby	120	340	120	340	120	340
L	主副臂接近最小值 Min. space between main arm and sub-arm	-	208	-	208	-	208
M	副臂前进最大行程 Sub-arm max. crosswise stroke	-	420	-	420	-	420
N	副臂前后待机最小值 Sub-arm min. crosswise standby	-	132	-	132	-	132
O	前后臂末端-箱体末端 Crosswise end to box end	1360	1360	1360	1360	1360	1360
P	手臂下降后最小高度 Min. height of arm after descending	905	905	905	905	905	905
Q	治具安装尺寸 Jig mounting dimension — 动模面 Moveable platen	40x40,4xM5/30x30,4xM5					
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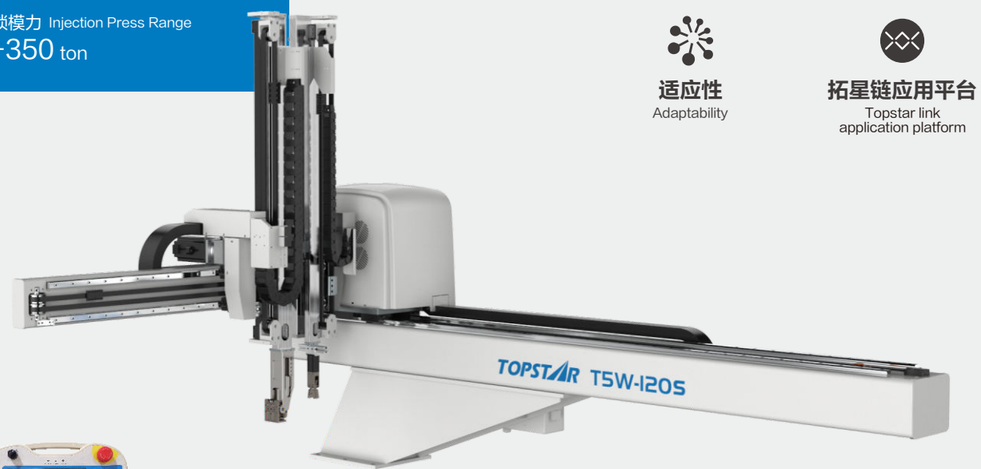
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T5W-80-90-76-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
T5W-80S-90-76-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
T5W-80-100-76-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
T5W-80S-100-76-16TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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T5W-120
T5W-120S

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





安全性 Safety

稳定性 Stability

适应性 Adaptability

拓星链应用平台 Topstar link application platform

顶针跟随
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拓星链应用平台
Topstar link application platform

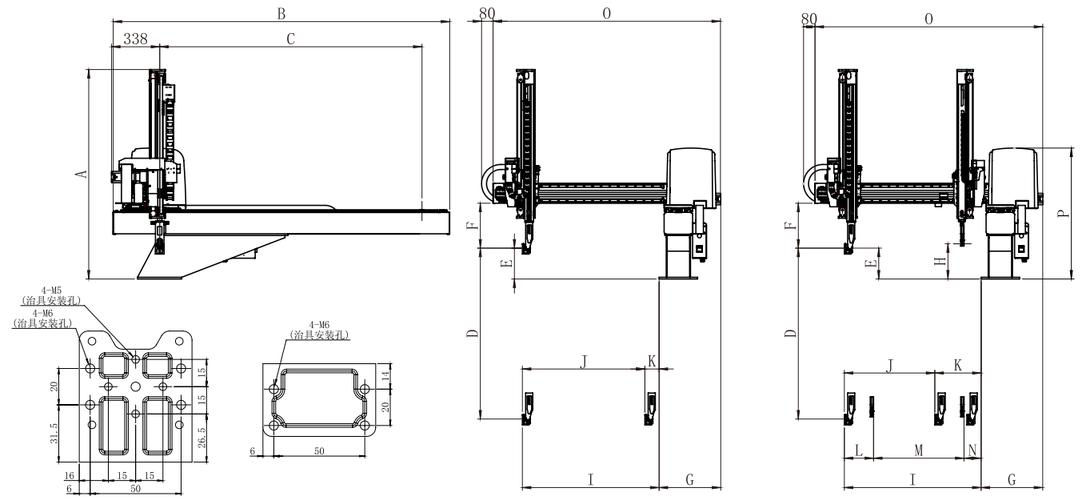
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单位 Unit	V	KW	Mpa	Nl/cycle	——	——	kg	mm	s	s	N.m	kg
T5W-120-120-96-18TR	AC220 ±10% 50/60HZ	2	0.5-0.7	2.9	伺服马达 / AC Servo Motor	90°	6	0.1	2.3	8.6	13.2	275-285
T5W-120S-120-96-18TR		2.8	0.5-0.7	2.9			6	0.1	2.3	8.6	13.2	295-305

外形尺寸 Outer dimensions



单位：mm Unit: mm / 机型 Model			T5W-120	
			T5W-120-120-96-18TR	T5W-120s-120-96-18TR
A	总高 Total height		1500	1500
B	总长 Total length		2365	2365
C	走行行程 Traverse stroke		1800	1800
D	主臂上下行程 Main arm vertical stroke		1200	1200
E	主臂上下待机 Main arm standby height		210	210
F	夹具安装有效空间 Effective space for jig mounting		295	295
G	基座里侧面-箱体末端 Base internal side to end of the box		375	375
H	副臂上下待机 Sub-arm vertical standby		-	220
I	主臂前进最大值 Main arm max. fwd. movement		960	960
J	主臂前进最大行程 Main arm max. crosswise stroke		860	635
K	主臂前后待机最小值 Main arm min. crosswise standby		100	330
L	主副臂接近最小值 Min. space between main arm and sub-arm		-	205
M	副臂前进最大行程 Sub-arm max. crosswise stroke		-	635
N	副臂前后待机最小值 Sub-arm min. crosswise standby		-	120
O	前后臂末端-箱体末端 Crosswise end to box end		1540	1540
P	手臂下降后最小高度 Min. height of arm after descending		925	925
Q	治具安装尺寸 Jig mounting dimension	动模面 Moveable 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.

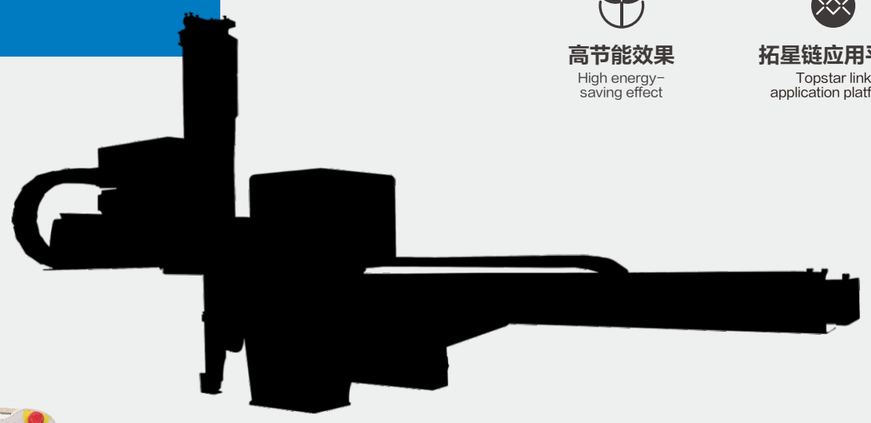
配置表 Configuration table

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
T5W-120-120-96-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○
T5W-120S-120-96-18TR	●	●	●	●	●	●	●	●	●	●	○	○	○	○

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

HDW-80II

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.

拓星链应用平台 Topstar link application platform

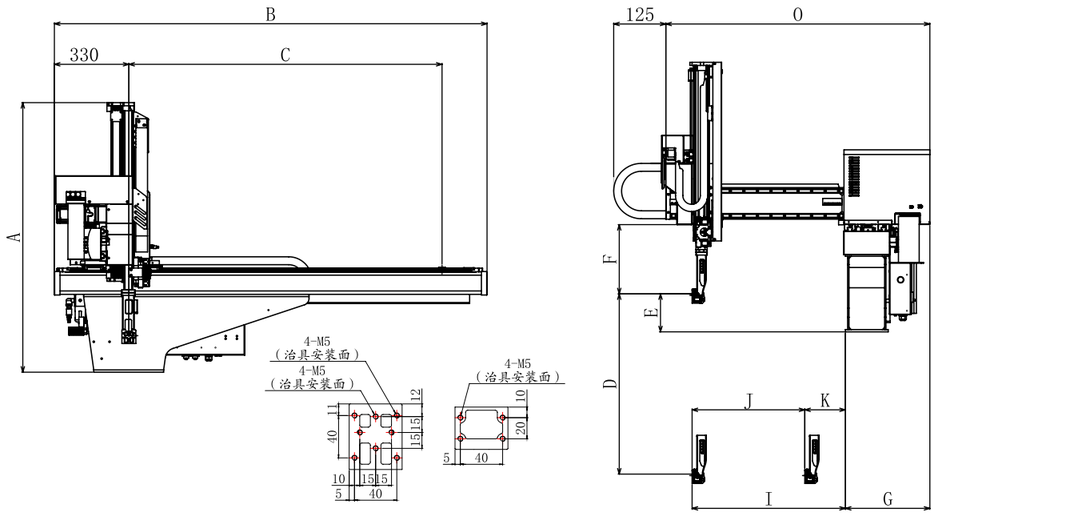
- 实时远程监控，设备运行数据统计、分析及寿命管理。

- 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
HDW-80 II -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.

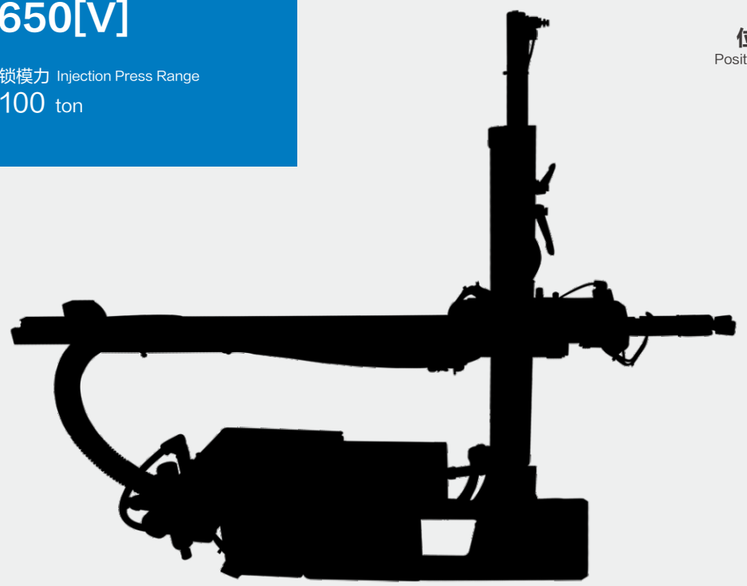
配置表 Configuration table

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 II -90-68-16TR	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○

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

L-650[V]

注塑机锁模力 Injection Press Range
80-100 ton



位置调整 Position adjustment

角度调整 Angle adjustment

反转 reversal

切换 switch

上下待机位置手柄调整功能 Vertical standby position adjustment function with handle.

- 旋转手柄可调节进入模具上下方向的位置
- Adjustment of top and bottom direction of entry position to mold is possible by turning the handle.

回转角度调整功能 Rotation angle adjustment function

- 简单机械调整可变更回转方向及回转角度
- Simple machine adjustment makes it possible to change the direction of rotation and to adjust the rotation angle

夹具部反转功能 Chuck part reversal function

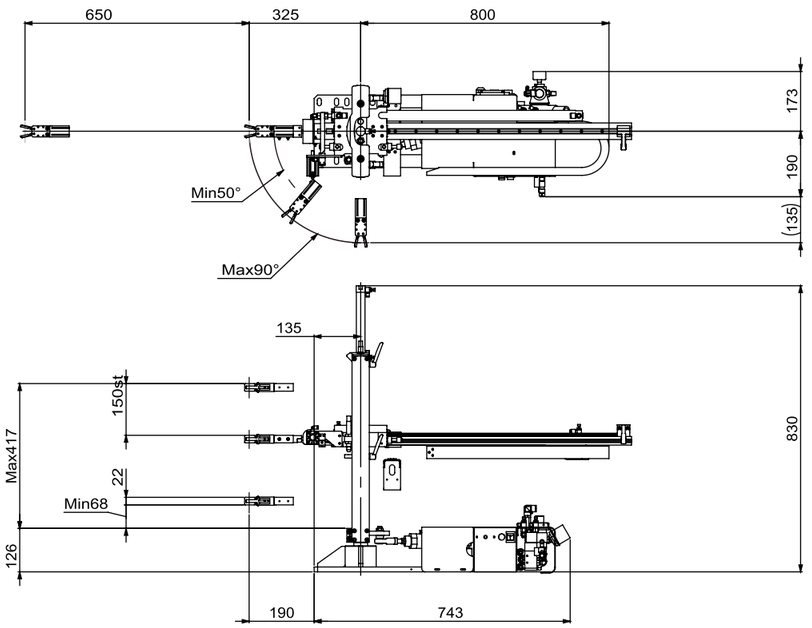
- 夹具部反转可使浇口释放平顺完成
- Sprue runner release is performed smoothly by chuck twist

固定侧・可动侧切换 Extraction from fixed & moving side mold

- 固定侧可动侧对应切换
- Sprue runner of fixed part mold can be extracted

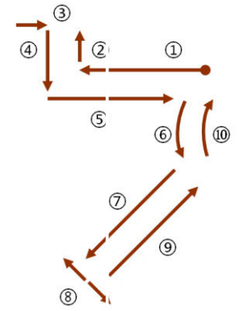
基本参数 Basic Parameters

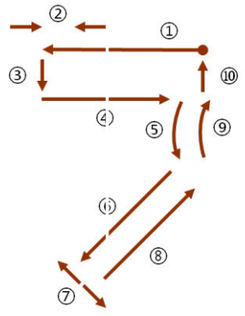
	电源 Power Supply	最大消费电力 Max Power Consumption	使用气压 Air Pressure	空气消费量 Air Consumption	驱动方式 Drive System	夹具部反转 Chuck twist	最大可搬重量 Max.Load	行程 Stroke			本体重量 Net Weight
								上下 Vertical	前后Crosswise	回转 Swing	
单位 Unit	V	KW	Mpa	Nl/cycle	——	——	kg	mm			kg
L-650[V]	AC220V ±10% 50/60HZ	0.1	0.5～0.7	15.1	气缸 Air Cylinder	180°	2 【含夹具重量 Incl Chuck Weight】	120	650	50～90° 【0°固定 Fixed】	30



基本动作 MOTION PATTERN

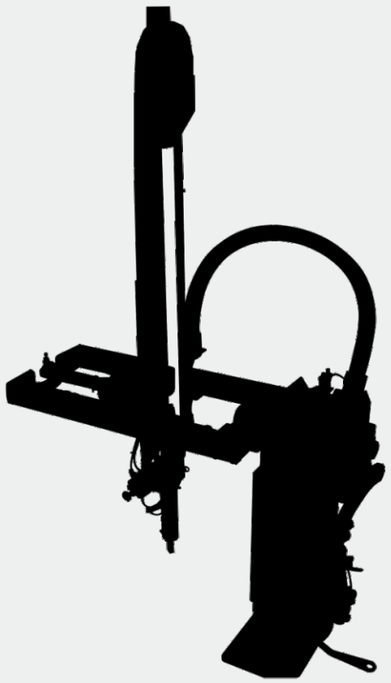
Type 1	Type 2
① 前进 Crosswise advance	① 前进 Crosswise advance
② 上升 Ascent	② 产品夹取 Sprue grip
③ 产品夹取 Sprue grip	③ 引拔 Crosswise retreat
④ 引拔 Crosswise retreat	④ 后退 Retreat
⑤ 后退 Retreat	⑤ 回转 Swing action
⑥ 回转 Swing action	❺ 夹具部反转 Chuck twist
❻ 夹具部反转 Chuck twist	⑥ 前进 Crosswise advance
⑦ 前进 Crosswise advance	⑦ 产品释放 Sprue release
⑧ 产品释放 Sprue release	⑧ 后退 Retreat
⑨ 后退 Retreat	⑨ 回转复归 Swing return
⑩ 回转复归 Swing return	❾ 夹具部反转复归 Chuck twist return
❿ 夹具部反转复归 Chuck twist return	⑩ 待机位置复归 Crosswise advance

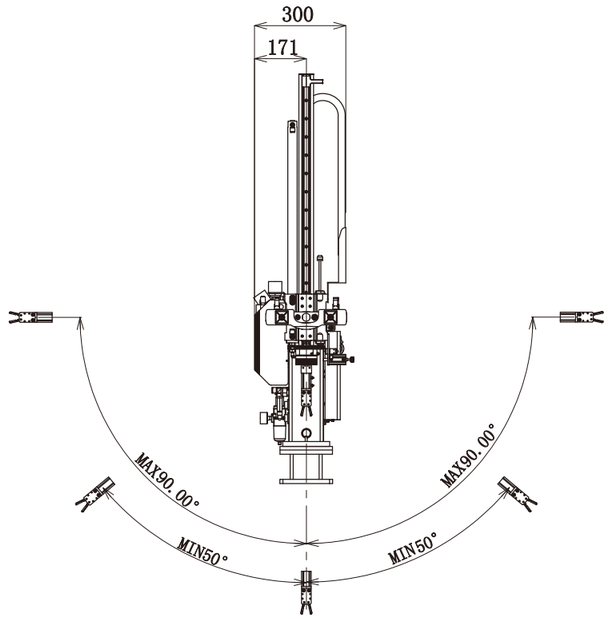


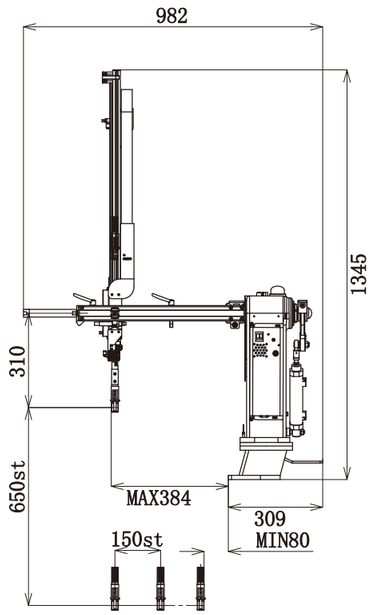


X-650[V]

注塑机锁模力 Injection Press Range
80-100 ton





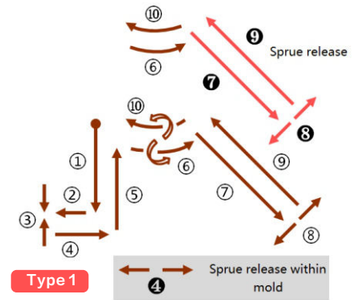


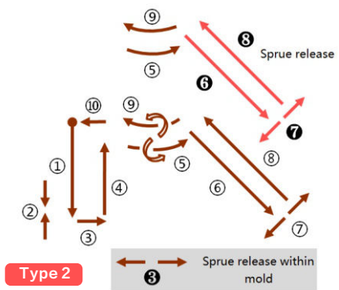
基本参数 Basic Parameters

	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	夹具部反转 Chuck twist	最大可搬重量 Max.Load	行程 Stroke			本体重量 Net Weight
								上下 Vertical	前后Crosswise	回转 Swing	
单位 Unit	V	KW	Mpa	Nl/cycle	——	——	kg	mm			kg
X-650[V]	AC220V ±10% 50/60HZ	0.1	0.5~0.7	17.7	气缸 Air Cylinder	90°	2 【含夹具重量 Incl Chuck Weight】	650	120	50~90° 【0°固定 Fixed】	52

基本动作 MOTION PATTERN

Type 1	Type 2
① 下降 Descent	①下降 Descent
② 前进 Crosswise advance	② 产品夹取 Product grip
③ 产品夹取 Product grip	③ 引拔 Crosswise retreat
④ 引拔 Crosswise retreat	❸ 产品释放 Product release within mold
❹ 产品释放 Product release within mold	④ 上升 Ascent
⑤ 上升 Ascent	⑤ 回转 Swing action
⑥ 回转 Swing action	夹具部反转（产品侧） Chuck twist（product side）
夹具部反转（产品侧） Chuck twist（product side）	⑥ 下降 Arm extend
⑦ 下降 Arm extend	⑦ 产品释放 Product release
⑧ 产品释放 Product release	⑧ 上升 Arm retreat
⑨ 上升 Arm retreat	⑨ 回转复归 Swing return
⑩ 回转复归 Swing return	夹具部反转复归（产品侧） Chuck twist return（product side）
夹具部反转复归（产品侧） Chuck twist return(product side)	⑩ 待机位置复归 Crosswise advance



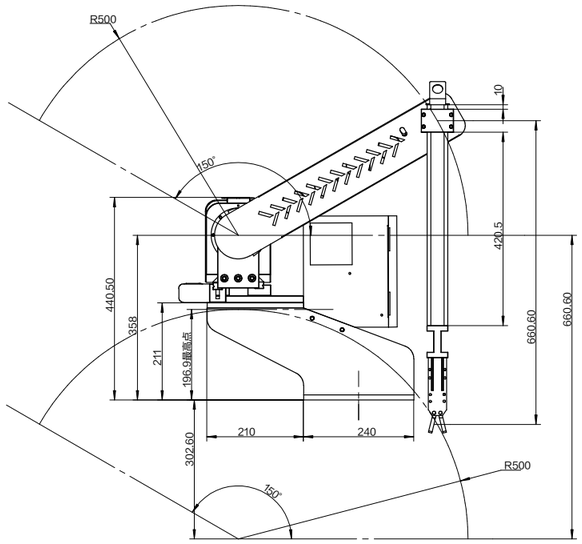


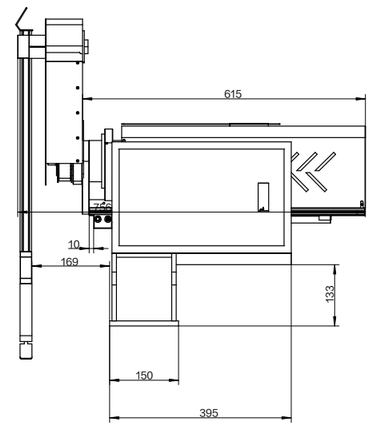
XM-650[V]

注塑机锁模力 Injection Press Range
80-150 ton



XM-650V 二轴 (2 Axis)



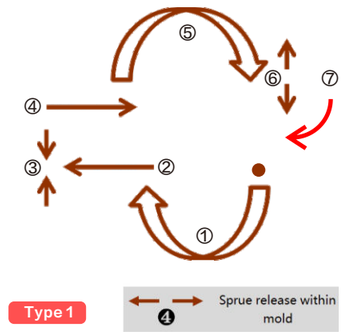


基本参数 Basic Parameters

	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	最小取出时间 Minimum take-out time	空循环时间 (不含治具) Dry cycle time (excluding fixtures)	最大可搬重量 Max.Load	行程 Stroke			本体重量 Net Weight
									上下 Vertical	前后 Crosswise	回转 Swing	
单位 Unit	V	KW	Mpa	Nl/cycle	——	S	S	kg	mm			kg
XM-650V 单轴 (1 Axis)	AC220V ±10% 50/60HZ	0.5	0.5~0.7	7.7	伺服马达 +气缸 / AC Servo Motor+ Air Cylinder	1	1.68	1 【含夹具重量 Incl Chuck Weight 】	540	200	50~90° 【0°固定 Fixed 】	55
XM-650V 二轴 (2 Axis)	AC220V ±10% 50/60HZ	0.9	0.5~0.7	1.8	伺服马达 / AC Servo Motor	1	1.68	1 【含夹具重量 Incl Chuck Weight 】	540	230	50~90° 【0°固定 Fixed 】	57

基本动作 MOTION PATTERN

Type 1	
① 旋转 Descent	Rotate
② 后退	back
③ 产品夹取	Product grip
④ 前进	Crosswise advance
⑤ 回转	Swing action
⑥ 产品释放	Product Release
⑦ 回转复归	Return to Rotation



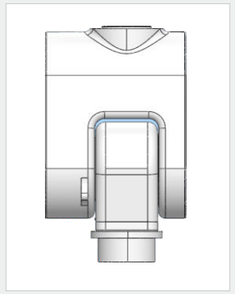
机械手选配项
Robot Optional items



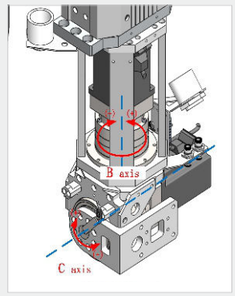
C轴
C axis



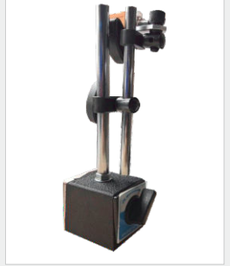
B轴
B axis



伺服回转+翻转（AC轴）
Servo rotation + flip (AC axis)



伺服回转+翻转（BC轴）
Servo rotation + flip (BC axis)



中板检查
Middle plate sensor



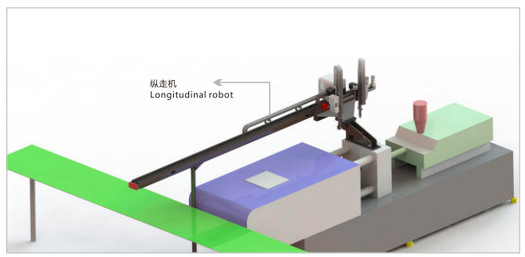
欧规12
Euromap12



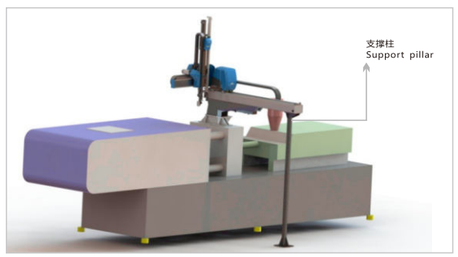
欧规67
Euromap67



电动油脂润滑泵
Electric lubricating pump



纵走机应用案例
Longitudinal robot application case



支撑柱应用案例
Support pillar application case

客户服务篇
CHAPTER OF SERVICE

售后服务
AFTER-SALE SERVICE

我们推出“4快”的标准服务
We launched the "4 fast" standard service



快速响应
Fast Response

快速响应客户的需求，收集客户的现场信息并记录故障，给出保养合理化建议；

Quickly respond to customer needs, collect customer site information and record the failure, give reasonable maintenance Suggestions;



快速到达
Fast Arrival

快速到达客户现场，进行设备维修；

Quickly arrive at customer site for equipment maintenance;



快速处理
Fast Processing

快速处理，帮助客户第一时间将设备调整到最佳状态；

Quickly processing to help customers adjust the equipment to the best state in the first time;



快速验收
Fast Acceptance

快速完成服务项目验收。

Quickly complete the service project acceptance.