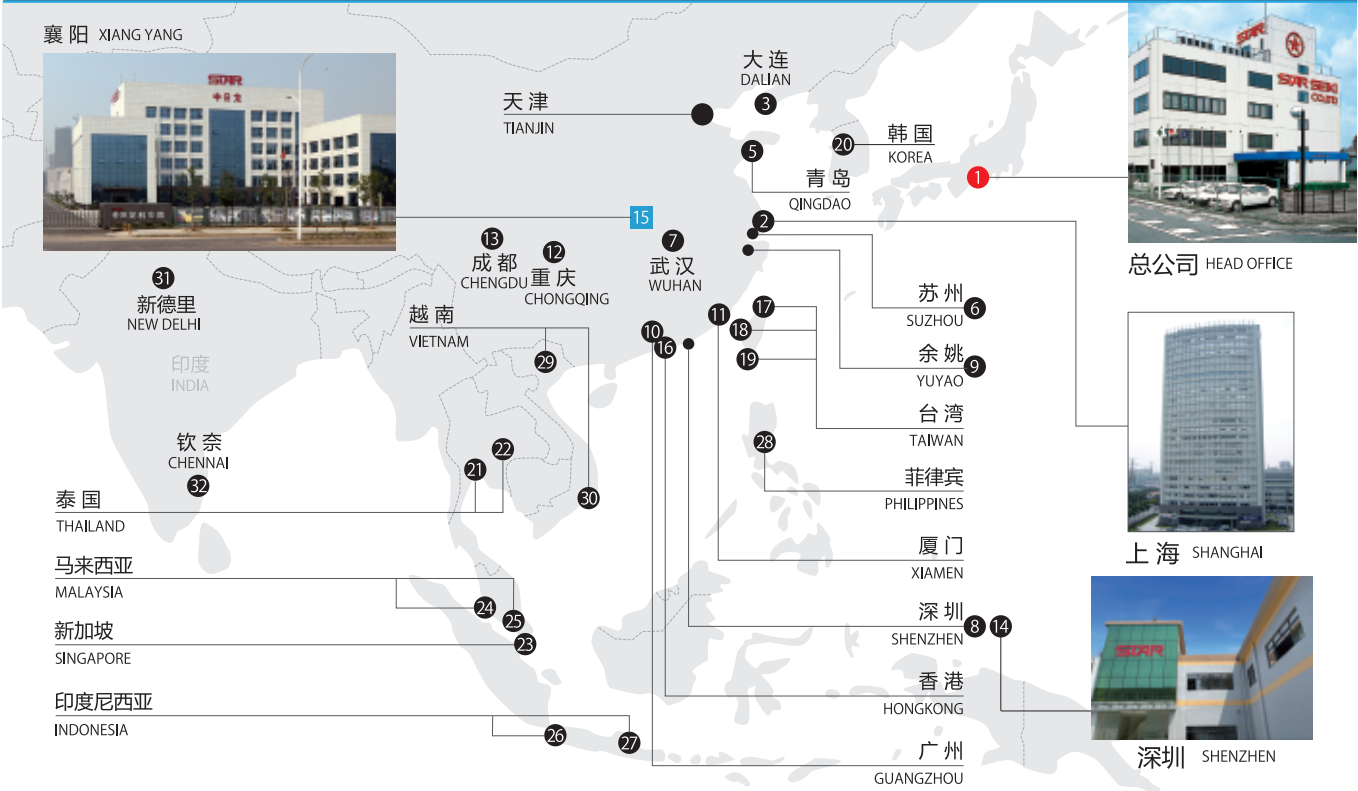


STAR



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ASIA
EG 2022.08



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针对高端客户的短周期（高速）、高性能（低振幅），安全便捷的人机智能操作应用需求，开发出全面优化机械结构，并采用全新STEC-NC3系统的高性能EG系列新产品。

We developed high-performance new products of EG series adopted by newly STEC-NC3 system, which is overall optimized mechanical structure, to meet the high-end customers' requirement of human intelligence operating that is applying to short cycle (high-speed), high performance (low-vibration), safe and convenient.

高速

HIGH-SPEED

周期提升

CYCLE UP

稳定

STABLE

刚性提高

HIGH RIGIDITY

智能

INTELLIGENCE

人机智能

HUMAN INTELLIGENCE

IOT

全新设计理念

NEW DESIGN CONCEPT



Safe and convenient

操作更加便捷&安全

EASY OPERATE & SAFETY

- 方便的程序编辑→图标程序
Easy program editing→Icons program
- 了解生产进度→生产支援功能
Production progress→Production support function
- 安全机能→冲突检知功能
Safety function→Collision detect function



Hardware upgrades

响应速度更快

FAST RESPONSE

- 取出周期 **缩短** 平均 **34%**
Extract cycle avg shortening
- 全周期 **缩短** 平均 **36%**
All dry cycle avg shortening
- 程序扫描周期 **300%UP** ↑
Cycle of program scanning
- 通信速率 **150%UP** ↑
Communication rate
- LM导轨变更为最佳品质大幅提高载货
The LM guide changed to the best quality and loading improved

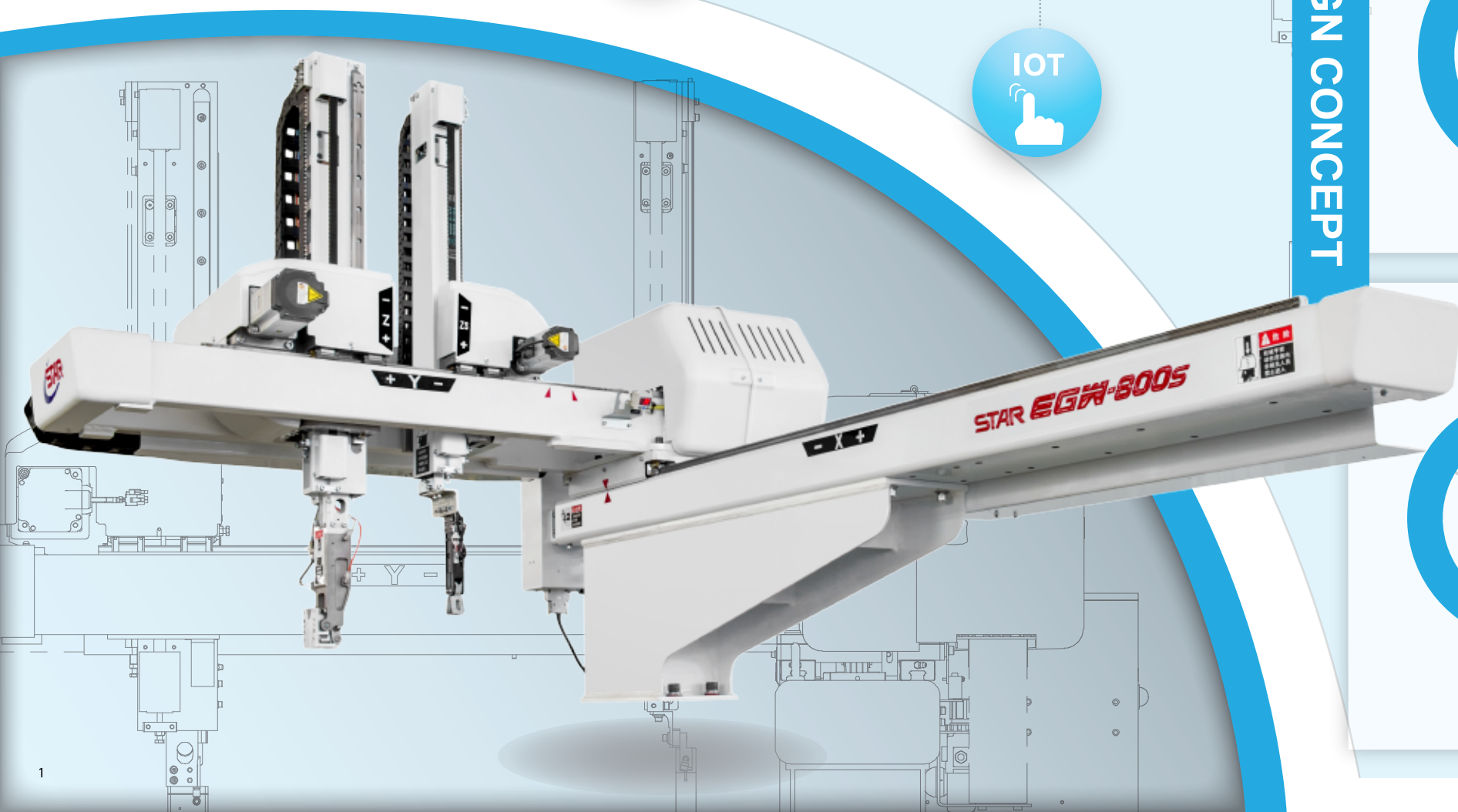


Function extension

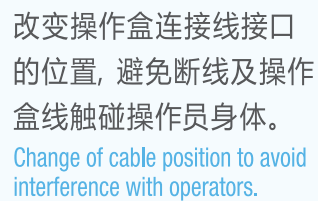
功能扩张性

EXPANSION

- 姿势2轴NC（选项）
Servo posture (option)
- CNC全开放功能（选项）
Full CNC(option)
- IOT对应(选项)
It's possible to do IOT (option)



操作盒 CONTROLLER



通过LAN接口连接PC软件、
监视机械手动动作等。

PC and network connections allow transmitting mail, PC connect, and remote maintenance.

SEPARATION OF CONTROL AND POWER SUPPLY

出现紧急情况时切断动力电源，保留控制电源，缩短安全重启、复归的时间。

Safe reboot and reduction of recovery time with emergent power source (cut off power supply, retain control power) .



VIBRATION CONTROL FUNCTION

抑制轴运转中产生的振动，
流畅的停止动作实现周期缩短。

Suppress the vibration generated in the operation of the shaft, and shorten the cycle with smooth stop action.



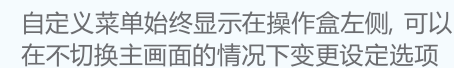
提高程控处理能力。
Improvement in processing capacity of sequencer.

THREE-LANGUAGE SWITCHING (OPTION)

◆ 保持菜单栏显示 Keep menu display

常用按键始终显示在画面左侧。

Common keys always show the picture on the left side.



Menu display buttons can be rearranged, in frequency order. Menu display buttons can be rearranged, in frequency order.

DIRECT DISTANCE DISPLAY FUNCTION AFTER PASS OPERATION

在原来的PASS设定上, 显示PASS动作后的直线距离。
Direct distance after pass operation is display in the conventional pass setting.

输入制品取出时间后,即可自动调节上下和前后轴的速度和加速度。

Speed and acceleration of vertical and crosswise are automatically adjusted by entering the product extract time.

EJECTOR TIMER AUTO ADJUSTMENT

可自动调整顶针前进开始时间。
The ejector advance timer can be automatically adjusted.

接入电源时无需原点复归。
去掉感应块，减少机器保养负担。

Home return with power on not required.
Easy maintenance by abolition of sensor dock.

从日语·英语·简体中文·韩语·泰语·葡萄牙语·西班牙语·印尼语·越南语中选择3种语言, 切换显示。

Three languages can be selected from Japanese, English, Simplified Chinese, Korean, Thai, and Portuguese, Spanish, Indonesian, Vietnamese.

VACUUM PRESSURE INDICATION ON PENDANT(option)

操作盒画面中可显示吸着压力数值, 可变更吸着确认的检测压力值设定。

Displays of the amount of suction as well as the suction pressure for confirming takeup can be adjusted from the control pendant .



The data of step change display

添加段取换数据的图片备注，更直观的识别成型的产品和数据的设定是否一致。

It can identify whether the molded products and data setting are the same or not.



◆ 加减速自动调整功能

Acceleration and deceleration auto adjustment function

客户只需要设定夹具和产品的重量、系统自动匹配出最合适的加减速设定值。

You only set the weight of chuck and products, the system will automatically match the most suitable acceleration and deceleration setting value.



输入夹具和产品的重量
Enter the weight of chuck and product

◆ 标准搭载成型机自动监视模式

Carrying with auto monitor mode

成型机的自动运转停止后，将没有开放完成的成型品开放到装箱位置以后返回到原点位置后停止。

After the automatic operation of the molding machine stops, open the finished molding port to the packing position and return to the original position before stopping.

成型机自动监视模式OFF
Molding machine automatic detection mode off

成型机自动监视模式ON
Molding machine automatic detection mode on

成型机自动停止
IMM stops automatically
↓
取出机停止
Robot stops

成型机自动停止→取出机继续
完成当前周期的所有动作→
待机位置→取出机停止
IMM stops automatically→The robots
continue to complete all actions of the
current cycle →Standby position →
Robot stops

安全性 SAFETY

◆ 冲突检测功能 COLLISION DETECT FUNCTION

因操作失误、设定失误等原因引起机器干涉时，通过扭矩的控制，伺服马达紧急停止，有效减轻损伤程度。

Current monitor of a servo motor reduces damage by hard braking of the servo motor when interference caused by operation and setting errors occurs.



将一次性纸杯固定在支架上，使其与制品前后动作位置有冲突

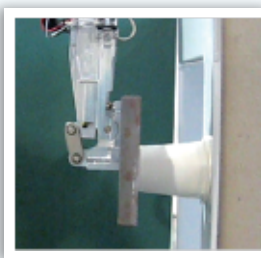
The disposable paper cup is fixed on the bracket, which is in conflict with the crosswise position.

无冲突检测功能
W/O conflict detect function



制品臂压扁一次性纸杯，
撞上固定支架
The product arm flattens the
disposable paper cup and hits
the fixed bracket

带冲突检测功能
W/ conflict detect function



制品臂轻微接触纸杯时
感应干涉，动作停止
The product arm slightly resists the
paper cup when the induction
interference, the movement stops

◆ 保养功能 MAINTENANCE FEATURE

画面上显示给油、定期点检时间。可通过查阅历史记录(日期)信息进行保养确认。

Lubrication and scheduled inspection schedules (oiling and regular inspection) are displayed on the screen. The maintenance history (with dates) is also displayed for confirmation.

◆ 周期确认运转 ONE CYCLE CHECK OPERATION

可通过一键启动连续步进动作，确认1个周期的运转情况。

Pressing a key allows one cycle check operation in continuous step operation.

提高生产效率 IMPROVED PRODUCTION EFFICIENCY

► 生产支援功能 PRODUCTION CONTROL FEATURE

输入预定生产数量即可显示出生产完成时间。另有显示生产实际数量统计表和抽样检查功能，更有利于成型品的品质管理。

Inputs the number of pieces to be produced, and the estimated time of production is displayed. Other features such as graphing of production results and sampling also contribute to better product quality control.



► 初期不良品排出 Initial Release

► 抽样检查功能 SAMPLE RELEASE

节能 ENERGY SAVING FEATURE

♥ 伺服休眠功能 SERVO SLEEP FEATURE

超过设定的时间后进入待机状态，自动OFF马达电源。

It enters the standby state and automatically turns off the motor power supply after exceeding the set time.

♥ 成型周期自动联动 MOLD CYCLE AUTO LINK

机械手的动作配合成型周期，与注塑机同步动作。Operation of the unloader is synchronized to the mold cycle.

♥ 节能监测功能 ENERGY-SAVING MONITOR

通过画面确认耗电量，及时发现电量浪费现象，节约用电。

Display of consumed electric power for power savings.

选项功能 OPTIONAL

◀ 姿势·旋转轴NC Posture & rotation NC

装备伺服马达驱动的姿势轴和旋转轴，在执行夹取、剪切、装箱、嵌件等动作时，可以自由设定位置。

AC servo motor which are equipped in posture and rotation axes. It can set the position freely as extraction, gate cutting, packaging or insert motion.



◀ 姿势轴NC Posture NC

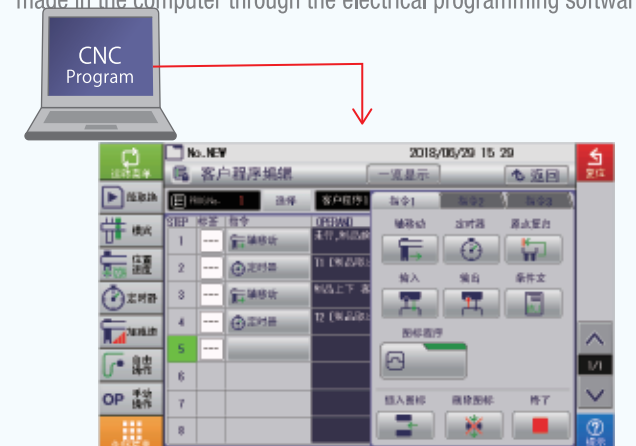
姿势轴使用伺服马达替换传统的气缸驱动，可以自由设定姿势轴的动作位置，提高调试夹具的效率。Servo motor are used on the posture axis instead of traditional cylinder driving. It can set the motion position of posture freely and improve the chuck testing.



◀ CNC编程功能 CNC program editing function

可以简单自由的编写自动运转程序。通过调用预备的吸着及夹取等模块程序可以简单地编程；通过直线及弧线动作的插入组合，可实现各种机器人的动作；通过电编程软件，可在电脑内进行3D程序动作模拟。

It can be simply and freely edited auto operation program. It can be programmed simply by calling the preset suction and clamp module program. Various robot actions can be realized by the combination of straight line and arc action. 3D program movement simulation can be made in the computer through the electrical programming software.



环保设计 LOW STRESS ON ENVIRONMENT

♥ 环保设计 ENVIRONMENTALLY FRIENDLY DESIGN

减少铅、六价铬等环境有害物质的使用，专为环保而设计。

Environmental loading materials such as lead and hexavalent chromium are reduced.

♥ 符合RoHS CONFORMS TO RoHS

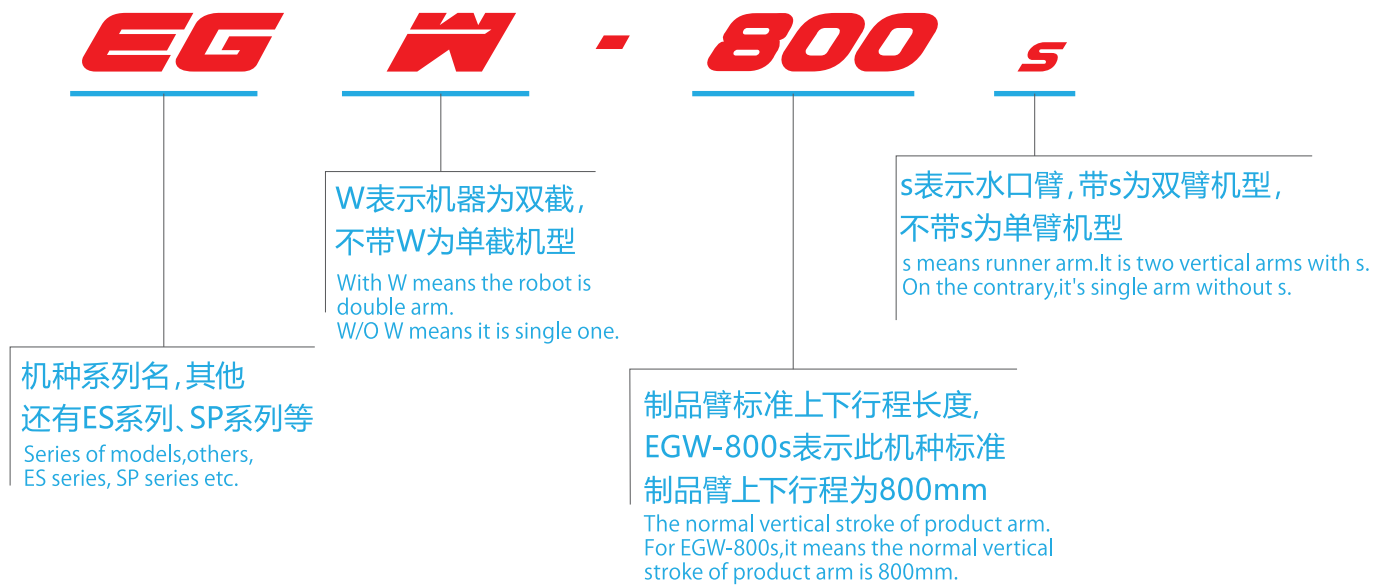
标准功能		
功能名		功能说明
取 出 侧	取出下降待机	开模完毕前，夹具下降至模具附近待机，有效缩短取出周期。可任意变更设定位置。
	前进取出侧姿势控制	在姿势动作的状态下通过安全门上方。为避免在姿势动作状态下夹具与走行体或者模具上方障碍物干涉，姿势动作的前后位置可以任意设定。
	吸着确认单元（1回路）	使用真空发生单元1回路取出产品。
	自由滑移取出	取出有扣位的产品时，在抓取到产品后根据轴设定值移动，解除扣位后取出产品。
	顶针联动	抓取到产品后，通过与注塑机的顶针联动取出产品。
	顶针后退联动	抓取住产品后，通过注塑机的顶针联动，取出产品。
	水口模内开放	产品或水口从模具上剥离后，需要直接在模内开放时选择此功能。
	前后自由伺服点	在产品夹取位置限制前后轴的伺服马达扭矩，防止对手臂增加负荷时造成损伤。
走 行	走行途中姿势	走行前进与姿势动作同时执行,走行复归与姿势复归同时执行,可缩短周期。
	浇口途中开放（走行·复归）	浇口往返走行途中进行开放动作。
	不良品排出	与注塑机发出的不良品信号联动，进行不良品排出动作。
	初期不良品排出	自动开始后，根据初期不良品排出计数器的设定，将设定数值内的产品开放到不良品位置。
	横走行待机	如果模具上方有障碍物，机械手或者夹具在模具没有完全打开的情况下有干涉时，机械手可以在模具外等待模具完全打开后走行复归。
落 下 侧	落下侧下降途中姿势	在产品开放下降途中进行姿势反转动作。在上升途中进行姿势反转复位动作。
	装箱点（8级）	与输送带或排列机等装箱设备联动，进行产品的装箱动作。（各轴256点）
	自由装箱点（8级，共1024点）	设定从注塑机中取出的产品的随机开放顺序。
	输送带启动信号	产品开放完毕后，启动输送带动作信号。
其 他	3国语言切换（简体中文、日文、英文）	操作盒的显示画面可切换3国语言。日语·英语·汉语(简体字)为基本的切换语言。
	插入式用户编程	NC步进程序的简易设定功能。在步进操作中可指定插入位置。
	操作盒内置存储记忆	换模信息(最大999套)保存在 Micro SD卡。
	设定值隐藏功能	通过隐藏功能只显示需要的轴点、时间等，能够缩短设定时间,提高作业效率。
	伺服休眠	在超过设定时间后的待机中，关闭马达电源。
	背景灯自动OFF	超过[显示OFF时间]设定的时间如果不操作操作盒，背景灯则关闭。
	伺服监视（波形监视）	可以通过操作盒监视各轴的速度，电流等数据及波形信息。

选项功能			
功能名		选项编号	功能说明
取出侧	吸着确认单元（2回路）	8020-01	使用真空发生单元2回路取出产品。
	吸着确认单元（4回路）	8020-02	使用真空发生单元4回路取出产品。
	夹具减压阀	0081-01	调整夹具的抓取力。
	旋转功能	0025-01~04	进行夹具板旋转动作。可以选择在模内、模外、落下侧进行旋转动作。
	上升途中闭模	0055-01	模内上升途中，使注塑机开始闭模，缩短开模时间，提高周期的仕样。
	制品确认（L4）	0087-02	上升途中安装限位开关，检知产品。
	固定可动切换	0014-07	可自由选择从模具的固定侧或可动侧取出产品。
落下侧	剪切回路(夹具内)	0008-01	使用夹具内气剪（1回路）剪切水口的时候，需要此仕样。 自动运转时在落下侧的产品开放位置，产品开放前进行此动作。
	制品2点开放	0001-02	在两处进行制品开放动作。产品夹取变为2回路。
	制品4点开放	0001-03	在四处进行制品开放动作。产品夹取变为4回路。
	NT剪切·可动侧(有单元)	0009-01	以处理产品水口为目的，在落下侧的走行导轨端安装NT单元气剪，切断水口。
其他	警报灯（红色·无蜂鸣器）	0024-01	机械手发生警报（异常）时，警报灯亮。 因機種不同，警报灯的安装位置也有所不同。需确认。
	自动快速交换用夹具（气压式）	8003-01	可快速装卸夹具。
	操作盒支架	0005-11	操作盒专用支架。
	欧规 12	0063-02	欧规 12
	欧规 67	0063-03	欧规 67

STANDARD FUNCTIONS		
Function Name		Description
Product Extract Side	Descent stand-by	Shorten the cycle time by making the product-side/runner-side vertical arm stand by just above the mold. Setting position is adjustable.
	Crosswise product extract side posture control	Used to first carry out posture action on the extracting side and then start traverse action after extracting vertically extended products. Avoid interference with an obstacle on mold or the traverse rail, used to carry out the posture action after the completion of advance action. Crosswise position is adjustable.
	Vacuum confirmation unit (1circuit)	Products are extracted with vacuum generator (tacovam) 1 circuit.
	Free extract for under-cut mold	Extracting the products with snap joints, moving it according to axis setting after taking the products. The products can be extracted after unlocking the joints.
	Ejector link	Product extraction is performed connecting with the ejector of IMM.
	Ejector return link	The ejector of IMM is interlocked after holding a product.
	Runner release within mold	Used to release products or runners within mold after pulling them out of the mold.
	Crosswise Free Servo point	The torque of the servo motor of an anteroposterior axis is restricted in a product chuck position. The damage to when load is added to an arm is prevented.
Traverse	Posture control during traverse	All the cycles can also be shorten by carrying out traverse return and posture return together after products were released during traverse action.
	Midway runner release（Move·Revert）	Runner is released during traverse or return motion.
	Defective product reject	Defective products are separated from other products interlocked with the defect signal of IMM.
	Initial defective product reject	Ejects only the number of extracted products and sprues preset with the counter to the ejection position after the start of automatic operations when faulty products exist after the continuation of molding following the replacement of the metal mold or material . Normal operations are then performed after this.
	Delayed traverse	Make the unloader stand by out of the molding machine's door if there are obstacles in the mold moving section.
Product Release Side	Posture midway descent at release side	Operation of posture reversal is carried out in the middle of downward of product opening. Return operation of posture reversal is performed in the middle of a rise.
	Point packaging（8 stage）	Packaging operation carried out by linking with packaging device of conveyer or of pallet changer.(Max 256 points)
	Point free packaging（8 stage , 1024 points）	Set the order to randomly release the products extracted form the molder.
	Start singal of conveyor	After opening a product wide, the signal of a conveyor start is taken out. there are obstacles in the mold moving section.
Other	Three language exchange (Chinese (new), Japanese, English)	Language switching between three languages can be used for display. Basically used languages are Japanese, English, and Chinese (new character format).
	Easy NC steps（USER PROGRAM EDITING）	Features the simple NC step program settings. This makes it possible to designate positions for interruptions in mold changing operations.
	External storage memory	Recordable step changes (Max 999 molds). A memory is carried out to Micro SD card.
	Default blind feature	The teaching time is reduced by the default blind feature that enables only axis point, timer, etc, required for actions to display. The operation efficiency is improved .
	Servo sleep feature	Motor power is turned off after the set time.
	Backlight Auto OFF	The backlight goes out if no pendant operation is performed for the period set with the[DISPLAY OFF TIME] function.
	Servo monitor(Wave shape monitor)	Monitor the speed of each axis, current and wave shape informations by pendant.

OPTION FUNCTIONS			
Function Name		Code no.	Description of option
▶ Product Extract Side	Vacuum confirmation unit (2circuits)	8020-01	Products are extracted with vacuum generator (tacovam) 2 circuits.
	Vacuum confirmation unit (4circuits)	8020-02	Products are extracted with vacuum generator (tacovam) 4 circuits.
	Chuck pressure regulator	0081-01	Adjust the gripping force of the chuck .
	Rotation Unitregulator	0025-01~04	Used to prevent product from hitting the robot in the mold, within the mold or on the release side by rotating the chuck plate.
	Mold close during arm ascent	0055-01	Used to shorten the molding time by starting the mold closing on the way to ascent.
	Product confirmation L4	0087-02	Detects the product mounting the limit switch in the middle rise.
	Extraction from fixed mold	0014-07	It can be selected to take the products from fixed or moving side of mold.
▶ Product Release Side	Air nipper in chuck circuit	0008-01	Used to take the cutting of direct gates or side gates with the air nipper in the chuck plate. When in automatic operation, cutting is made at product release position before the product release.
	Release product at two different points	0001-02	Two different products are extracted and released to different positions on the release side. Two circuits are required for the chucking.
	Release product at four different points	0001-03	Four different products are extracted and released to different positions on the release side. Four circuits are required for the chucking.
	NT gate cutting on crossmember of moving mold side (w/unit)	0009-01	For purposes of product gate processing, the air nipper in the NT unit mounted at the end of the release-side traverse rail is used to cut gates at 2 points.
▶ Other	Alarm Lamp (Red color, w/o buzzer)	0024-01	The alarm lamp is switched on a light when there is a alarm (error) in the robot. Mounting positions are different with robots.
	Quick chuck change automatic (air sw)	8003-01	One-touch simple mating/demating of chuck plate.
	Pendant stand	0005-11	Stand of operation pendant only.
	EUROMAP 12	0063-02	EUROMAP 12 Specification
	EUROMAP 67	0063-03	EUROMAP 67 Specification

STAR机种名称说明 | IMPROVED PRODUCTION EFFICIENCY



■ 例, EGW-800s即为EG系列, 标准制品臂上下行程为800mm的双截带水口臂的双臂机型。
EG-1200即为EG系列, 标准制品臂上下行程为1200mm的单截无水口臂的单臂机型。
Example : EGW-800s is one of EG series, which is a double-arm model with a standard vertical stroke of 800mm.
EG-1200 is one of EG series, which is a single-arm model with a standard vertical stroke of 1200mm.

机器尺寸图注字母意义说明 | The machine size drawing is indicated by letters

A	全高	Overall height
B	全宽	Overall width
C	走行行程	Traverse stroke
D	落下侧突出位置	Overhang, release side
E	取出侧突出位置	Overhang, product side
F	制品侧上下行程	Ⓟ Vertical stroke
G	制品侧上下待机位置	Ⓟ Vertical standby
H	夹具安装位置上方有效尺寸	Bottom of crosswise to chuck mount position
I	前后单元	Crosswise arm
J	本体厚度	Thickness
K	水口侧上下待机位置	Ⓡ Vertical standby
L	制品前进MAX	Ⓟ Crosswise reach max
M	制品前后行程MAX	Ⓟ Crosswise stroke max
N	制品前后待机MIN	Ⓟ Crosswise standby min
O	制品臂、水口臂接近MIN	Ⓟ Ⓡ Proximity min
P	Ⓡ : 水口侧前后行程MAX	Ⓡ Crosswise stroke max
Q	Ⓡ : 水口侧前后待机MIN	Ⓡ Crosswise standby min
d	拖链伸出距离	The protrude distance of cable chain

全伺服驱动机械手
Full servo drive robot

单截 Single arm

40~100ton 注塑机用
Injection press range 40~100ton



综合参数 | GENERAL SPECIFICATIONS

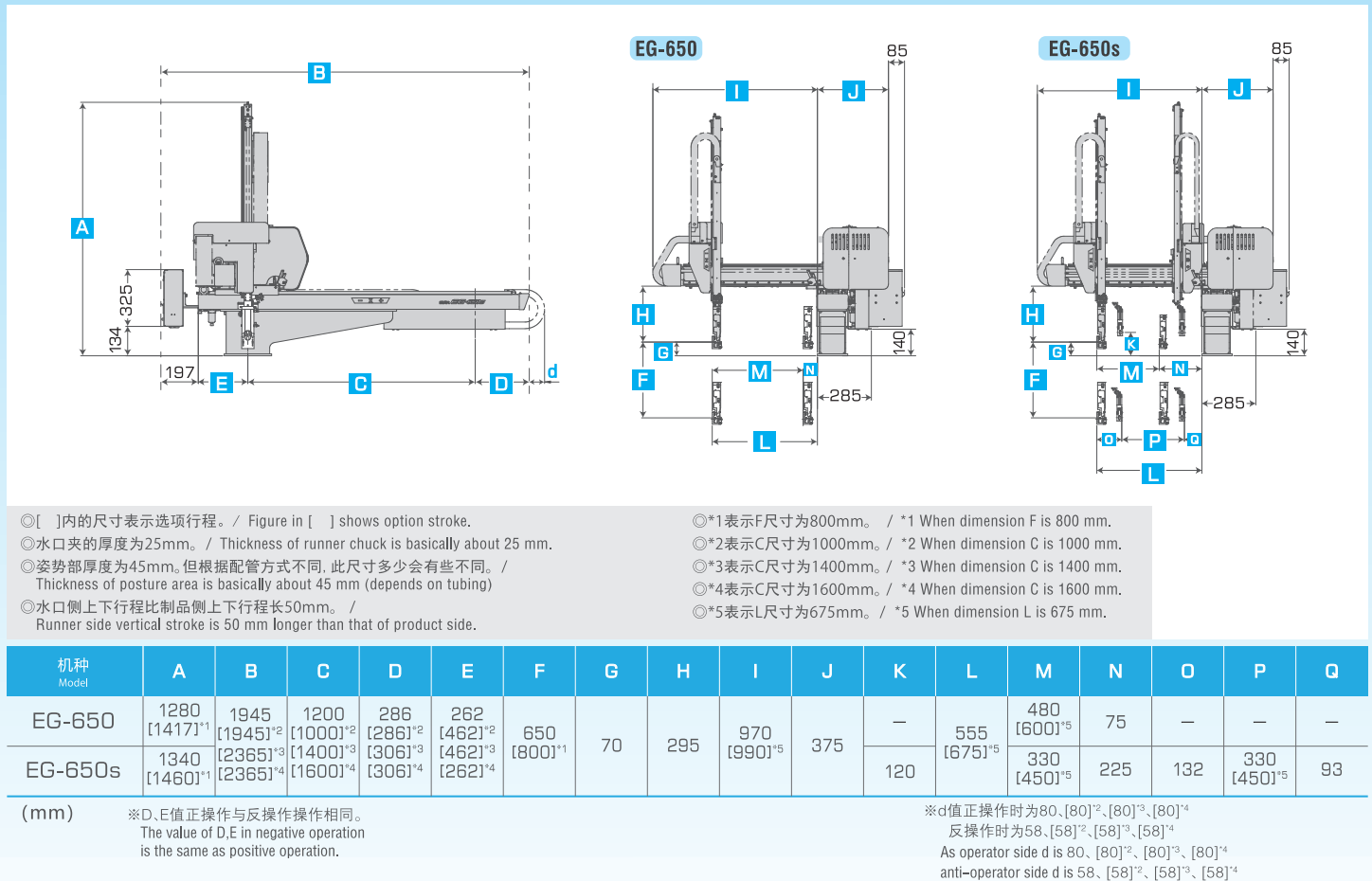
电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力 (气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box
				最大可搬重量 Max. Load	姿势力矩 Posture Torque	
AC200V ±10% 50/60Hz (三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部: 3kg Standard posture: 3kg (含夹具重量 Incl Chuck Weight)	4.9N·m	STEC-NC3

机 种 Model	行程(移动量)(mm) Stroke				电源设备容量 (KVA) Electric Consumption	最大消费电力 (KW) Max Power Consumption	机器重量 (kg) Net Weight		空气消耗量 (Nℓ/周期) Air Consumption (Nℓ/Cycle)
	制品上下 ㊤ Vertical	水口上下 ㊦ Vertical	前 后 Crosswise	走 行 Traverse			本 体 Main Body	操作盒 Pendant	
EG-650	650 [800]	—	75~555 [75~675]	1200 [1000] [1400] [1600]	2.9	1.7	175	2.0	1.9
EG-650s		700 [850]	㊤ 225~555 ㊦ 93~423 [㊤ 225~675 ㊦ 93~543]		3.5	2.1	195		

◎ [] 尺寸表示选项行程。
◎ 本体重量包括控制箱及电缆线的重量。
◎ Ⓟ 表示制品侧手臂, Ⓡ 表示水口侧手臂。
◎ 将走行行程为1200和1600mm行程的走行体向取出侧移动200mm时, 走行行程将变为1000和1400mm。

◎ Figure in [] shows option stroke.
◎ Net weight includes the weight of interlock box and driver box.
◎ In the column of stroke, Ⓟ stands for product side arm and Ⓡ stands for runner side arm.
◎ Make the travers as 1200 and 1600 mm moving forward to extracting side as 200 mm it will be 1000 and 1400 mm.

外观尺寸 | OUTER DIMENSIONS



全伺服驱动机械手
Full servo drive robot

单截 Single arm

100~350ton 注塑机用
Injection press range 100~350ton



综合参数 | GENERAL SPECIFICATIONS

电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力 (气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box
				最大可搬重量 Max. Load	姿势力矩 Posture Torque	
AC200V ±10% 50/60Hz(三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部: 5kg Standard posture: 5kg (含夹具重量 Incl Chuck Weight)	12.9N·m [20.2N·m]	STEC-NC3

机 种 Model	行程(移动量)(mm) Stroke				电源设备容量 最大消费电力 (KVA) Electric Consumpiton (KW) Max Power Consumpiton		机器重量 (kg) Net Weight		空气消耗量 (Nℓ/周期) Air Consumption (Nℓ/Cycle)
	制品上下 Ⓟ Vertical	水口上下 Ⓡ Vertical	前 后 Crosswise	走 行 Traverse			本 体 Main Body	操作盒 Pendant	
EG-800	800 [1000]	—	97~783 [97~933]	1400 [1200] [1600] [1800]	2.9	1.7	240	2.0	2.5
EG-800s		850 [1050]	Ⓟ 263~783 Ⓡ 115~635 Ⓟ 263~933 Ⓡ 115~785		3.5	2.1	260		

◎[]尺寸表示选项行程。
 ◎本体重量包括控制箱及电缆线的重量。
 ◎Ⓟ 表示制品侧手臂， Ⓡ 表示水口侧手臂。
 ◎将走行程为1400 和1800mm行程的行走体向取出侧移动200mm时,走行程将变为1200和1600mm,

◎Figure in [] shows option stroke.
 ◎Net weight includes the weight of interlock box and driver box.
 ◎In the column of stroke,Ⓟstands for product side arm and Ⓡ stands for runner side arm.
 ◎Make the travers as 1400 and 1800 mm moving forward to extracting side as 200 mm it will be 1200 and 1600 mm.

全伺服驱动机械手
Full servo drive robot

单截 Single arm

250~450ton 注塑机用
Injection press range 250~450ton



综合参数 | GENERAL SPECIFICATIONS

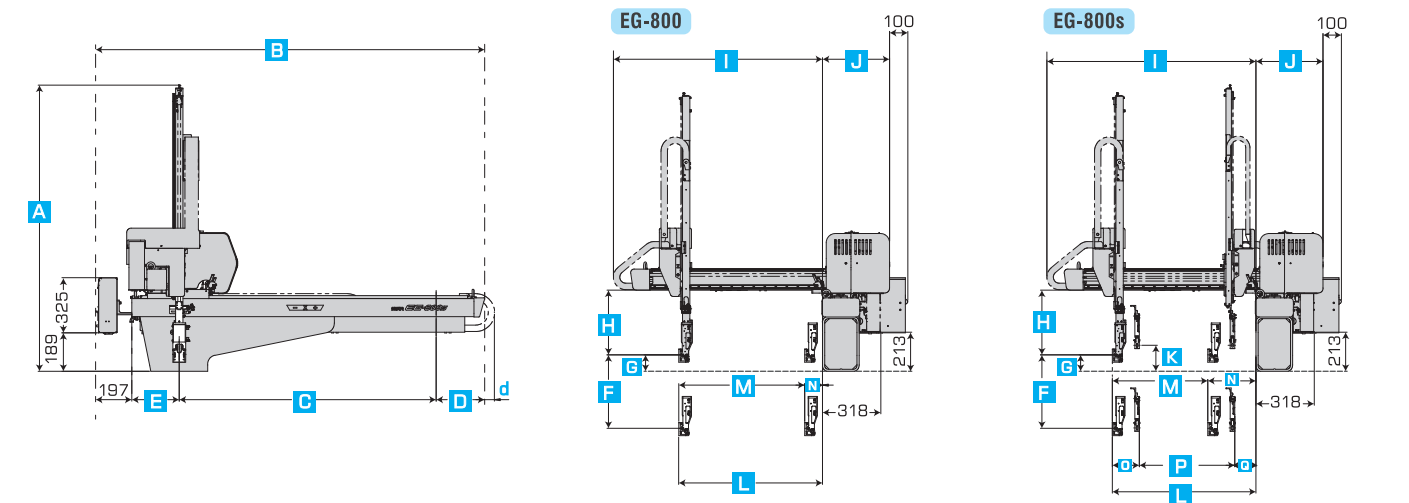
电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力 (气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box
				最大可搬重量 Max. Load	姿势力矩 Posture Torque	
AC200V ±10% 50/60Hz(三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部: 5kg Standard posture: 5kg (含夹具重量 Incl Chuck Weight)	20.2N·m	STEC-NC3

机 种 Model	行程(移动量)(mm) Stroke				电源设备容量 最大消费电力 (KVA) Electric Consumpiton (KW) Max Power Consumpiton		机器重量 (kg) Net Weight		空气消耗量 (Nℓ/周期) Air Consumption (Nℓ/Cycle)
	制品上下 Ⓟ Vertical	水口上下 Ⓡ Vertical	前 后 Crosswise	走 行 Traverse			本 体 Main Body	操作盒 Pendant	
EG-1000	1000	—	97~933	1800 [1600]	2.9	1.7	270	2.0	2.5
EG-1000s		1050	Ⓟ 263~933 Ⓡ 115~785		3.5	2.1	290		

◎[]尺寸表示选项行程。
 ◎本体重量包括控制箱及电缆线的重量。
 ◎Ⓟ 表示制品侧手臂， Ⓡ 表示水口侧手臂。
 ◎将走行程为1800mm行程的行走体向取出侧移动200mm时,走行程将变为1600mm,

◎Figure in [] shows option stroke.
 ◎Net weight includes the weight of interlock box and driver box.
 ◎In the column of stroke,Ⓟstands for product side arm and Ⓡ stands for runner side arm.
 ◎Make the travers as 1800 mm moving forward to extracting side as 200 mm it will be 1600 mm.

外观尺寸 | OUTER DIMENSIONS



◎[]内的尺寸表示选项行程。 / Figure in [] shows option stroke.
 ◎水口夹的厚度为25mm。 / Thickness of runner chuck is basically about 25 mm.
 ◎姿势部厚度为69mm,但根据配管方式不同,此尺寸多少会有些不同。 / Thickness of posture area is basically about 69 mm (depends on tubing)
 ◎水口侧上下行程比制品侧上下行程长50mm。 / Runner side vertical stroke is 50 mm longer than that of product side.

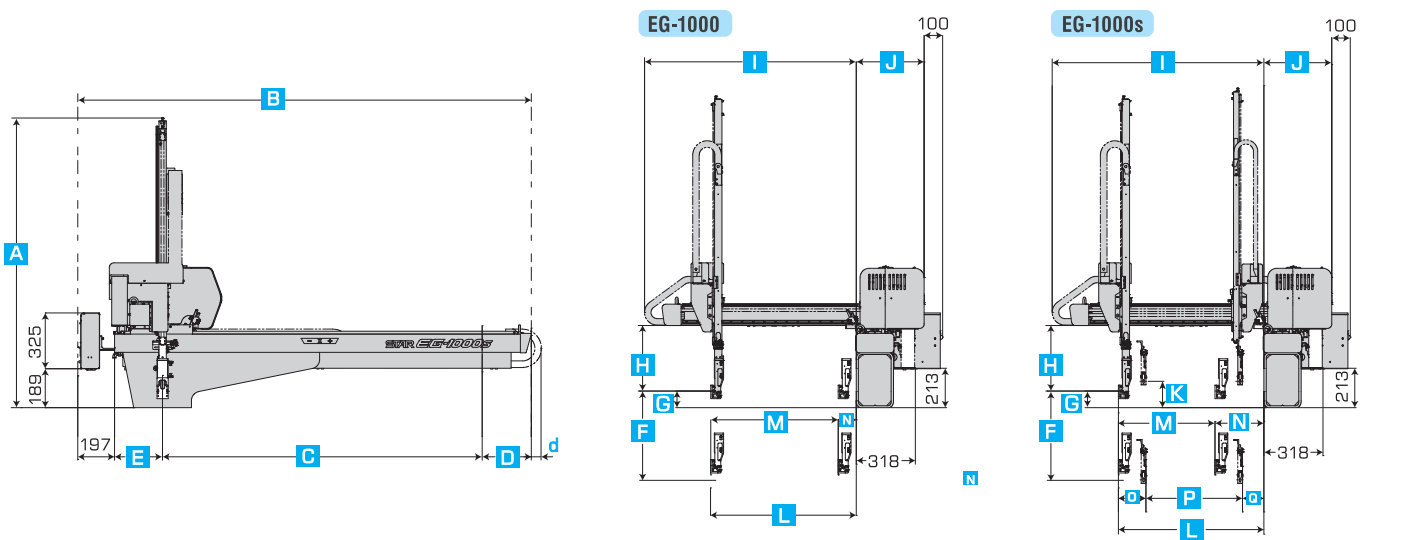
◎*1表示F尺寸为1000mm。 / *1 When dimension F is 1000 mm.
 ◎*2表示C尺寸为1200mm。 / *2 When dimension C is 1200 mm.
 ◎*3表示C尺寸为1600mm。 / *3 When dimension C is 1600 mm.
 ◎*4表示C尺寸为1800mm。 / *4 When dimension C is 1800 mm.
 ◎*5表示L尺寸为933mm。 / *5 When dimension L is 933 mm.

机种 Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
EG-800	1517 [1720] ^{*1}	2136 [2136] ^{*2}	1400 [1200] ^{*2}	280 [280] ^{*2}	259 [459] ^{*2}	800 [1000] ^{*1}	90	352	1135 [1255] ^{*5}	365	—	783 [933] ^{*5}	686 [836] ^{*5}	97	—	—	—
EG-800s	1560 [1800] ^{*1}	2556 [2556] ^{*3}	1600 [1600] ^{*3}	300 [300] ^{*4}	259 [259] ^{*4}	—	—	—	—	—	140	—	520 [670] ^{*5}	263	148	520 [670] ^{*5}	115

(mm) ※D、E值反操作时与正操作相同。
 The value of D,E in negative operation is the same as positive operation.

※d值正操作时为38、[38]^{*2}、[56]^{*3}、[56]^{*4}
 反操作时为38、[38]^{*2}、[56]^{*3}、[56]^{*4}
 As operator side d is 38、[38]^{*2}、[56]^{*3}、[56]^{*4}
 anti-operator side d is 38、[38]^{*2}、[56]^{*3}、[56]^{*4}

外观尺寸 | OUTER DIMENSIONS



◎[]内的尺寸表示选项行程。 / Figure in [] shows option stroke.
 ◎水口夹的厚度为25mm。 / Thickness of runner chuck is basically about 25 mm.
 ◎姿势部厚度为74mm,但根据配管方式不同,此尺寸多少会有些不同。 / Thickness of posture area is basically about 74 mm (depends on tubing)

◎水口侧上下行程比制品侧上下行程长50mm。 / Runner side vertical stroke is 50 mm longer than that of product side.
 ◎*2表示C尺寸为1600mm。 / *2 When dimension C is 1600 mm.

机种 Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
EG-1000	1720	2556 [2556] ^{*2}	1800 [1600] ^{*2}	300 [300] ^{*2}	259 [459] ^{*2}	1000	90	352	1255	365	—	933	836	97	—	—	—
EG-1000s	1800	—	—	—	—	—	—	—	—	—	140	—	670	263	148	670	115

(mm) ※D、E值反操作时与正操作相同。
 The value of D,E in negative operation is the same as positive operation.

※d值正操作时为56、[56]^{*2}
 反操作时为56、[56]^{*2}
 As operator side d is 56、[56]^{*2}
 anti-operator side d is 56、[56]^{*2}

全伺服驱动机械手

Full servo drive robot

单截 Single arm

350~650ton 注塑机用

Injection press range 350~650ton



综合参数 | GENERAL SPECIFICATIONS

电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力 (气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box
				最大可搬重量 Max. Load	姿势力矩 Posture Torque	
AC200V ±10% 50/60Hz(三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部: 13kg Standard posture: 13kg (含夹具重量 Incl Chuck Weight)	57.8N·m	STEC-NC3

机 种 Model	行程(移动量)(mm) Stroke				电源设备容量 最大消费电力		机器重量 (kg) Net Weight		空气消耗量 (N ℓ /周期) Air Consumption (N ℓ /Cycle)
	制品上下 Ⓟ Vertical	水口上下 Ⓡ Vertical	前 后 Crosswise	走 行 Traverse	(KVA) Electric Consumpiton	(KW) Max Power Consumpiton	本 体 Main Body	操作盒 Pendant	
EG-1200	1200 [1400]	—	145~1245	1800 [1600] [2000] [2200]	3.5	2.1	425	2.0	5.7
EG-1200s		1250 [1450]	Ⓟ 275~1245 Ⓡ 75~1045		4.7	2.8	450		

◎[]尺寸表示选项行程。
◎本体重量包括控制箱及电缆线的重量。
◎Ⓟ 表示制品侧手臂，Ⓡ 表示水口侧手臂。
◎将走行行程为1800 和2200mm行程的走行体向取出侧移动200mm时,走行行程将变为1600和2000mm。

◎Figure in [] shows option stroke.
◎Net weight includes the weight of interlock box and driver box.
◎In the column of stroke,Ⓟstands for product side arm and Ⓡ stands for runner side arm.
◎Make the travers as 1800 and 2200 mm moving forward to extracting side as 200 mm it will be 1600 and 2000 mm.

全伺服驱动机械手

Full servo drive robot

双截 Double arm

100~350ton 注塑机用

Injection press range 100~350ton



综合参数 | GENERAL SPECIFICATIONS

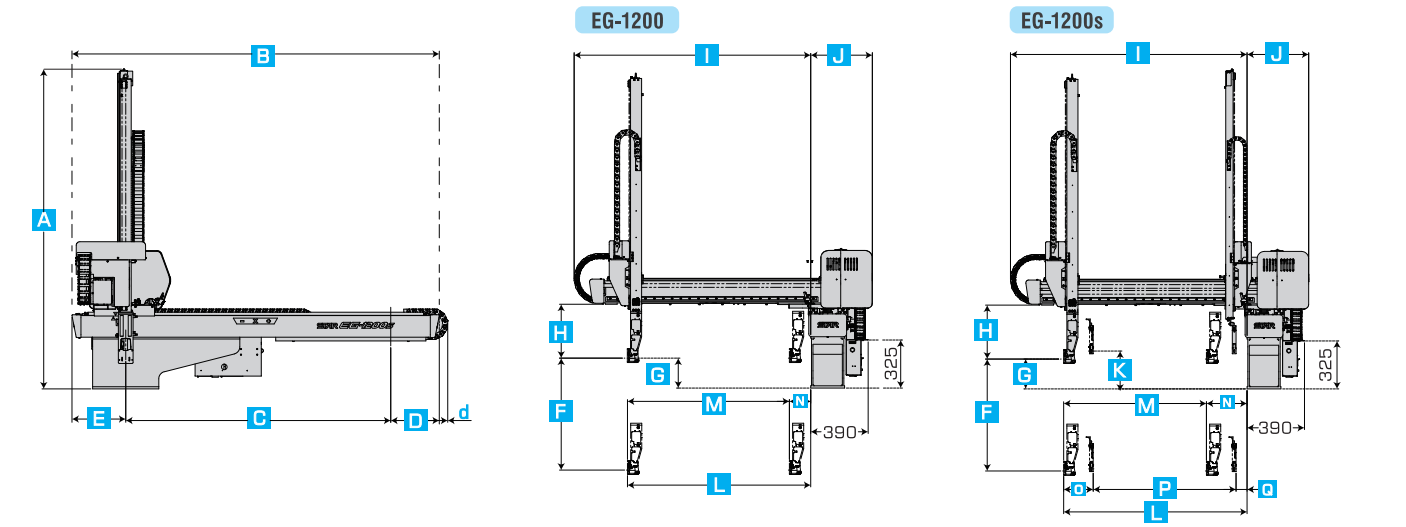
电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力 (气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box
				最大可搬重量 Max. Load	姿势力矩 Posture Torque	
AC200V ±10% 50/60Hz(三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部 5kg Standard posture: 5kg (含夹具重量 Incl Chuck Weight)	12.9N·m [20.2N·m]	STEC-NC3

机 种 Model	行程(移动量)(mm) Stroke				电源设备容量 (KVA) Electric Consumpiton	最大消费电力 (KW) Max Power Consumpiton	机器重量 (kg) Net Weight		空气消耗量 (N ℓ /周期) Air Consumption (N ℓ /Cycle)
	制品上下 Ⓟ Vertical	水口上下 Ⓡ Vertical	前 后 Crosswise	走 行 Traverse			本 体 Main Body	操作盒 Pendant	
EGW-800	800 [1000] [1200]	—	139~790 [139~940]	1400 [1200] [1600] [1800]	2.9	1.7	270	2.0	3.7
EGW-800s		850 [1050] [1250]	Ⓟ 295~790 Ⓡ 108~603 [Ⓟ 295~940] [Ⓡ 108~753]		3.5	2.1	295		

◎[]尺寸表示选项行程。
◎本体重量包括控制箱及电缆线的重量。
◎Ⓟ 表示制品侧手臂，Ⓡ 表示水口侧手臂。
◎将走行行程为1400 和1800mm行程的走行体向取出侧移动200mm时,走行行程将变为1200和1600mm。

◎Figure in [] shows option stroke.
◎Net weight includes the weight of interlock box and driver box.
◎In the column of stroke,Ⓟstands for product side arm and Ⓡ stands for runner side arm.
◎Make the travers as 1400 and 1800 mm moving forward to extracting side as 200 mm it will be 1200 and 1600 mm.

外观尺寸 | OUTER DIMENSIONS



◎[]内的尺寸表示选项行程。 / Figure in [] shows option stroke.
◎水口夹的厚度为25mm。 / Thickness of runner chuck is basically about 25 mm.
◎姿势部厚度为97mm,但根据配管方式不同,此尺寸多少会有些不同。 / Thickness of posture area is basically about 97 mm (depends on tubing)
◎水口侧上下行程比制品侧上下行程长50mm。 / Thickness of posture area is basically about 50 mm (depends on tubing)

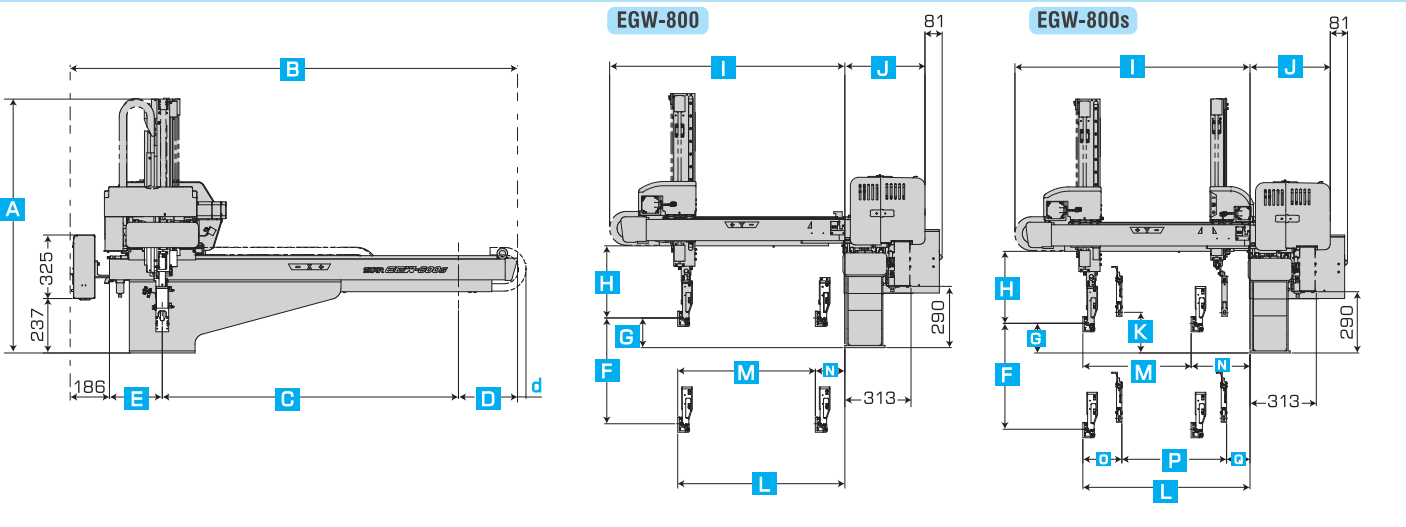
◎*1表示F尺寸为1400mm。 / *1 When dimension F is 1400 mm.
◎*2表示C尺寸为1600mm。 / *2 When dimension C is 1600 mm.
◎*3表示C尺寸为2000mm。 / *3 When dimension C is 2000 mm.
◎*4表示C尺寸为2200mm。 / *4 When dimension C is 2200 mm.

机种 Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
EG-1200	2120 [2300] ^{*1}	2495 [2495] ^{*2}	1800 [1600] ^{*2}	330 [330] ^{*3}	365 [565] ^{*2}	1200 [1400] ^{*1}	205	360	1610	420	—	1245	1100	145	—	—	—
EG-1200s	2170 [2350] ^{*1}	2895 [2895] ^{*3}	2000 [2200] ^{*4}	330 [330] ^{*3}	365 [565] ^{*3}						255	970	275	200	970	75	

(mm) ※反操作时E值为345、[545]^{*2}、[545]^{*3}、[345]^{*4}
D值为350
As anti-operator side E is 345、[545]^{*2}、[545]^{*3}、[345]^{*4}
D is 350

※d值正操作时为60、[60]^{*2}、[90]^{*3}、[90]^{*4}
反操作时为0、[0]^{*2}、[0]^{*3}、[0]^{*4}
As operator side d is 60、[60]^{*2}、[90]^{*3}、[90]^{*4}
anti-operator side d is 0、[0]^{*2}、[0]^{*3}、[0]^{*4}

外观尺寸 | OUTER DIMENSIONS



◎[]内的尺寸表示选项行程。 / Figure in [] shows option stroke.
◎水口夹的厚度为25mm。 / Thickness of runner chuck is basically about 25 mm.
◎姿势部厚度为69mm,但根据配管方式不同,此尺寸多少会有些不同。 / Thickness of posture area is basically about 69 mm (depends on tubing)
◎水口侧上下行程比制品侧上下行程长50mm。 / Runner side vertical stroke is 50 mm longer than that of product side.

◎*1表示F尺寸为1000mm。 / *1 When dimension F is 1000 mm.
◎*2表示F尺寸为1200mm。 / *2 When dimension F is 1200 mm.
◎*3表示C尺寸为1200mm。 / *3 When dimension C is 1200 mm.
◎*4表示C尺寸为1600mm。 / *4 When dimension C is 1600 mm.
◎*5表示C尺寸为1800mm。 / *5 When dimension C is 1800 mm.
◎*6表示L尺寸为940mm。 / *6 When dimension L is 940 mm.

机种 Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
EGW-800	1200 [1300] ^{*1} [1390] ^{*2}	2125 [2125] ^{*3}	1400 [1200] ^{*3}	290 [290] ^{*3}	249 [449] ^{*3}	800 [1000] ^{*1} [1200] ^{*2}	140	341	1112 [1262] ^{*5}	379	—	790 [940] ^{*6}	651 [801] ^{*6}	139	—	—	—
EGW-800s	1215 [1335] ^{*1} [1455] ^{*2}	2540 [2540] ^{*4}	1600 [1600] ^{*4}	305 [305] ^{*5}	249 [449] ^{*4} [249] ^{*5}						190	495 [645] ^{*6}	295	187	495 [645] ^{*6}	108	

(mm) ※反操作时D、E值与正操作相同。
The value of D,E in negative operation is the same as positive operation.

※d值正操作时为30、[30]^{*3}、[61]^{*4}、[61]^{*5}
反操作时为0、[0]^{*3}、[61]^{*4}、[61]^{*5}
As operator side d is 30、[30]^{*3}、[61]^{*4}、[61]^{*5}
anti-operator side d is 0、[0]^{*3}、[61]^{*4}、[61]^{*5}

全伺服驱动机械手
Full servo drive robot

双截 Double arm

250~450ton 注塑机用
Injection press range 250~450ton



综合参数 | GENERAL SPECIFICATIONS

电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力 (气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box
				最大可搬重量 Max. Load	姿势力矩 Posture Torque	
AC200V ±10% 50/60Hz(三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部: 5kg Standard posture: 5kg (含夹具重量 Incl Chuck Weight)	20.2N·m	STEC-NC3

机 种 Model	行程(移动量)(mm) Stroke				电源设备容量 最大消费电力		机器重量 (kg) Net Weight		空气消耗量 (N L /周期) Air Consumption (N L /Cycle)
	制品上下 Ⓟ Vertical	水口上下 Ⓡ Vertical	前 后 Crosswise	走 行 Traverse	(KVA) Electric Consumption	(KW) Max Power Consumption	本 体 Main Body	操作盒 Pendant	
EGW-1000	1000 [1200]	—	139~940	1800 [1600]	2.9	1.7	295	2.0	3.7
EGW-1000s		1050 [1250]	Ⓟ 295~940 Ⓡ 108~753		3.5	2.1	320		

◎[]尺寸表示选项行程。
 ◎本体重量包括控制箱及电缆线的重量。
 ◎Ⓟ表示制品侧手臂，Ⓡ表示水口侧手臂。
 ◎将走行程为1800mm行程的走行体向取出侧移动200mm时,走行程将变为1600mm。

◎Figure in [] shows option stroke.
 ◎Net weight includes the weight of interlock box and driver box.
 ◎In the column of stroke,Ⓟstands for product side arm and Ⓡstands for runner side arm.
 ◎Make the travers as 1800 mm moving forward to extracting side as 200 mm it will be 1600 mm.

全伺服驱动机械手
Full servo drive robot

双截 Double arm

350~850ton 注塑机用
Injection press range 350~850ton



综合参数 | GENERAL SPECIFICATIONS

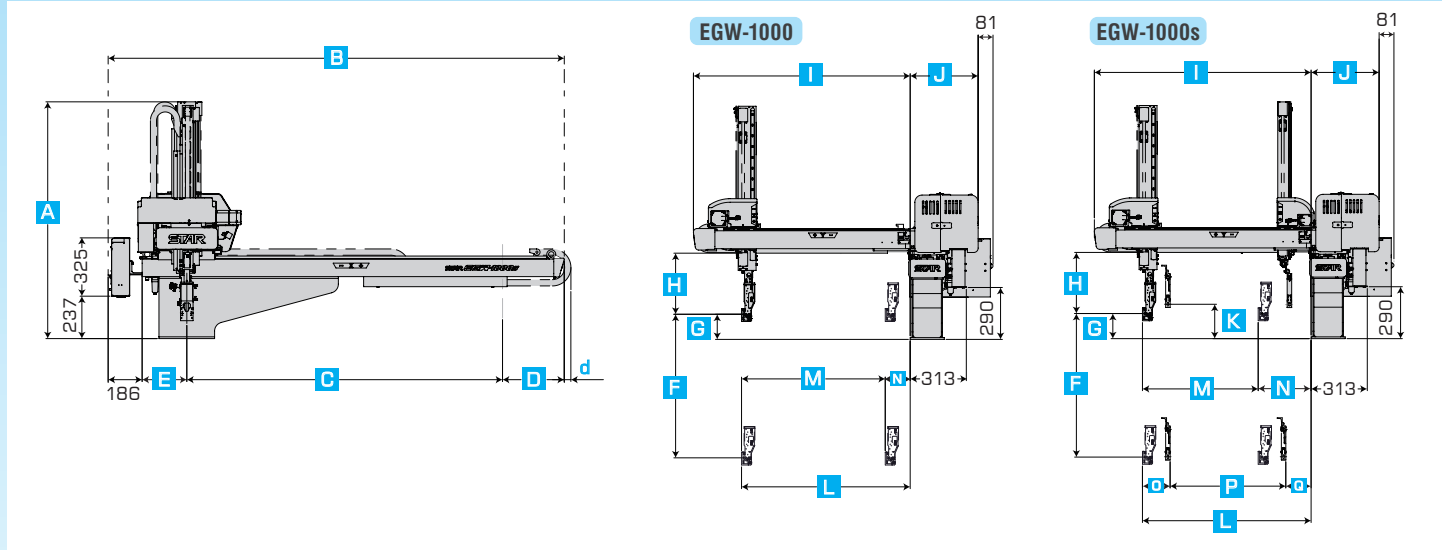
电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力 (气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box
				最大可搬重量 Max. Load	姿势力矩 Posture Torque	
AC200V ±10% 50/60Hz(三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部: 13kg(18kg) Standard posture: 13kg(18kg) (含夹具重量 Incl Chuck Weight)	57.8N·m	STEC-NC3

机 种 Model	行程(移动量)(mm) Stroke				电源设备容量 最大消费电力		机器重量 (kg) Net Weight		空气消耗量 (N L /周期) Air Consumption (N L /Cycle)
	制品上下 Ⓟ Vertical	水口上下 Ⓡ Vertical	前 后 Crosswise	走 行 Traverse	(KVA) Electric Consumption	(KW) Max Power Consumption	本 体 Main Body	操作盒 Pendant	
EGW-1200	1200 [1400]	—	160~1340 [160~1540]	1800 [1600]	3.5	2.1	580	2.0	17.53
EGW-1200s		1250 [1450] [1750]	Ⓟ 330~1340 Ⓡ 105~1115 [Ⓟ 330~1540] [Ⓡ 105~1315]	1800 [1600] [2000] [2200]	4.7	2.8	640		

◎[]尺寸表示选项行程。
 ◎本体重量包括控制箱及电缆线的重量。
 ◎Ⓟ表示制品侧手臂，Ⓡ表示水口侧手臂。
 ◎将走行程为1800和2200mm行程的走行体向取出侧移动200mm时,走行程将变为1600和2000mm。

◎Figure in [] shows option stroke.
 ◎Net weight includes the weight of interlock box and driver box.
 ◎In the column of stroke,Ⓟstands for product side arm and Ⓡstands for runner side arm.
 ◎Make the travers as 1800 and 2200 mm moving forward to extracting side as 200 mm it will be 1600 and 2000 mm.

外观尺寸 | OUTER DIMENSIONS



◎[]内的尺寸表示选项行程。 / Figure in [] shows option stroke.
 ◎水口夹的厚度为25mm。 / Thickness of runner chuck is basically about 25 mm.
 ◎姿势部厚度为74mm,但根据配管方式不同,此尺寸多少会有些不同。 / Thickness of posture area is basically about 74 mm (depends on tubing)

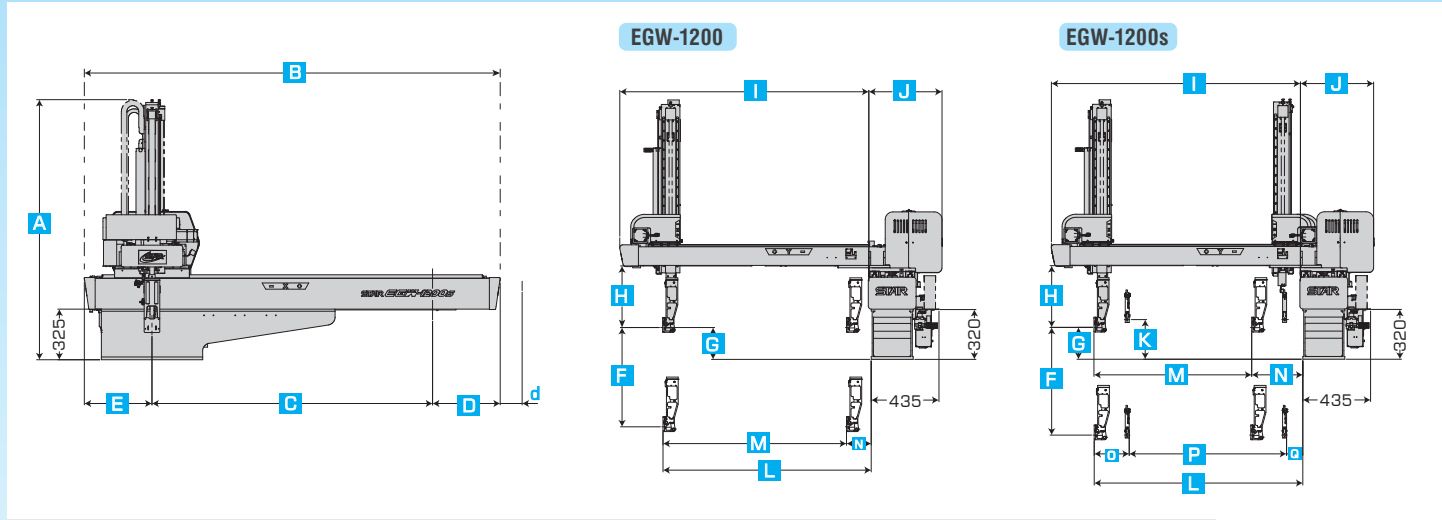
◎水口侧上下行程比制品侧上下行程长50mm。 / Runner side vertical stroke is 50 mm longer than that of product side.
 ◎*1表示F尺寸为1200mm。 / *1 When dimension F is 1200 mm.
 ◎*2表示C尺寸为1600mm。 / *2 When dimension C is 1600 mm.

机种 Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
EGW-1000	1300 [1390] ^{*1}	2540 [2540] ^{*2}	1800 [1600] ^{*2}	305 [305] ^{*2}	249 [449] ^{*2}	1000 [1200] ^{*1}	140	341	1262	379	—	940	801	139	—	—	—
EGW-1000s	1335 [1455] ^{*1}										190		645	295	187	645	108

(mm) ※反操作时D、E值与正操作相同。
 The value of D、E in negative operation is the same as positive operation.

※d值正操作时为61、[61]^{*2}
 反操作时为61、[61]^{*2}
 As operator side d is 61、[61]^{*2}
 anti-operator side d is 61、[61]^{*2}

外观尺寸 | OUTER DIMENSIONS



◎[]内的尺寸表示选项行程。 / Figure in [] shows option stroke.
 ◎水口夹的厚度为25mm。 / Thickness of runner chuck is basically about 25 mm.
 ◎姿势部厚度为97mm,但根据配管方式不同,此尺寸多少会有些不同。 / Thickness of posture area is basically about 97 mm (depends on tubing)
 ◎水口侧上下行程比制品侧上下行程长50mm。 / Runner side vertical stroke is 50 mm longer than that of product side.

◎*1表示F尺寸为1400mm。 / *1 When dimension F is 1400 mm.
 ◎*2表示F尺寸为1700mm。 / *2 When dimension F is 1700 mm.
 ◎*3表示C尺寸为1600mm。 / *3 When dimension C is 1600 mm.
 ◎*4表示C尺寸为2000mm。 / *4 When dimension C is 2000 mm.
 ◎*5表示C尺寸为2200mm。 / *5 When dimension C is 2000 mm.
 ◎*6表示L尺寸为1540mm。 / *6 When dimension L is 1540 mm.

机种 Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
EGW-1200	1680 [1775] ^{*1} [1920] ^{*2}	2670 [2670] ^{*3} [3070] ^{*4}	1800 [1600] ^{*3} [2000] ^{*4}	435 [435] ^{*3} [435] ^{*4}	435 [635] ^{*3} [635] ^{*4}	1200 [1400] ^{*1} [1700] ^{*2}	205	395	1600 [1800] ^{*6}	470	—	1340 [1540] ^{*6}	1180 [1380] ^{*6}	160	—	—	—
EGW-1200s	1680 [1775] ^{*1} [1920] ^{*2}										255		1010 [1210] ^{*6}	330	225	1010 [1210] ^{*6}	105

(mm) ※反操作时D、E值与正操作相同。
 The value of D、E in negative operation is the same as positive operation.

※d值正操作与反操作相同。
 D value in positive operation is the same as negative operation.

纵走行型机械手
Parallel Traverse Type

40~100ton 注塑机用
Injection press range 40~100ton

EG-650H



综合参数 | GENERAL SPECIFICATIONS

电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力 (气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box			
				最大可搬重量 Max. Load	姿势力矩 Posture Torque				
AC200V ±10% 50/60Hz (三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部: 3kg Standard posture: 3kg (含夹具重量 Incl Chuck Weight)	4.9N·m	STEC-NC3			
机 种 Model	行程(移动量)(mm) Stroke				电源设备容量 (KVA) Electric Consumpton	最大消费电力 (KW) Max Power Consumpton	机器重量 (kg) Net Weight		空气消耗量 (Nℓ/周期) Air Consumption (Nℓ/Cycle)
	制品上下 (P) Vertical	水口上下 (R) Vertical	前 后 Crosswise	走 行 Traverse			本 体 Main Body	操作盒 Pendant	
EG-650H	650 [800]	—	130~530 [130~650]	2500	2.9	1.7	325	2.0	1.9

○[]内的尺寸表示选项行程。
○本体重量包括控制箱及电缆线的重量。
○①表示制品侧手臂, ②表示水口侧手臂。
○Figure in [] shows option stroke.
○Net weight includes the weight of interlock box and driver box.
○In the column of stroke, ① stands for product side arm and ② stands for runner side arm.

纵走行型机械手
Parallel Traverse Type

100~350ton 注塑机用
Injection press range 100~350ton

EG-800H



综合参数 | GENERAL SPECIFICATIONS

电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力 (气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box
				最大可搬重量 Max. Load	姿势力矩 Posture Torque	
AC200V ±10% 50/60Hz (三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部: 5kg Standard posture: 5kg (含夹具重量 Incl Chuck Weight)	12.9N·m	STEC-NC3

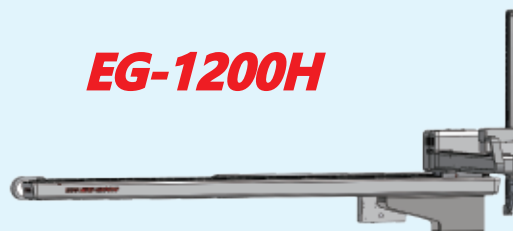
机 种 Model	行程(移动量)(mm) Stroke				电源设备容量 (KVA) Electric Consumpton	最大消费电力 (KW) Max Power Consumpton	机器重量 (kg) Net Weight		空气消耗量 (Nℓ/周期) Air Consumption (Nℓ/Cycle)
	制品上下 Ⓟ Vertical	水口上下 Ⓡ Vertical	前 后 Crosswise	走 行 Traverse			本 体 Main Body	操作盒 Pendant	
EG-800H	800 [1000]	—	144~744 [144~894]	2500	2.9	1.7	385	2.0	2.5

○[]尺寸表示选项行程。
○本体重量包括控制箱及电缆线的重量。
○①表示制品侧手臂, ②表示水口侧手臂。
○Figure in [] shows option stroke.
○Net weight includes the weight of interlock box and driver box.
○In the column of stroke, ① stands for product side arm and ② stands for runner side arm.

纵走行型机械手
Parallel Traverse Type

350~650ton 注塑机用
Injection press range 350~650ton

EG-1200H

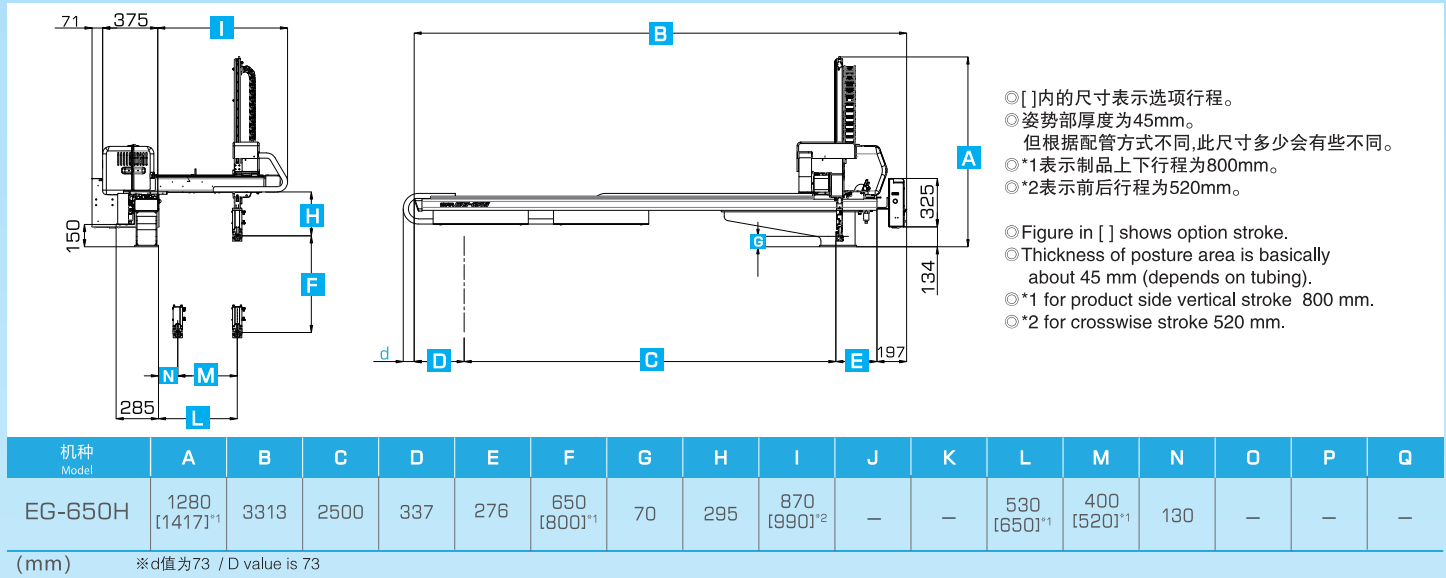


综合参数 | GENERAL SPECIFICATIONS

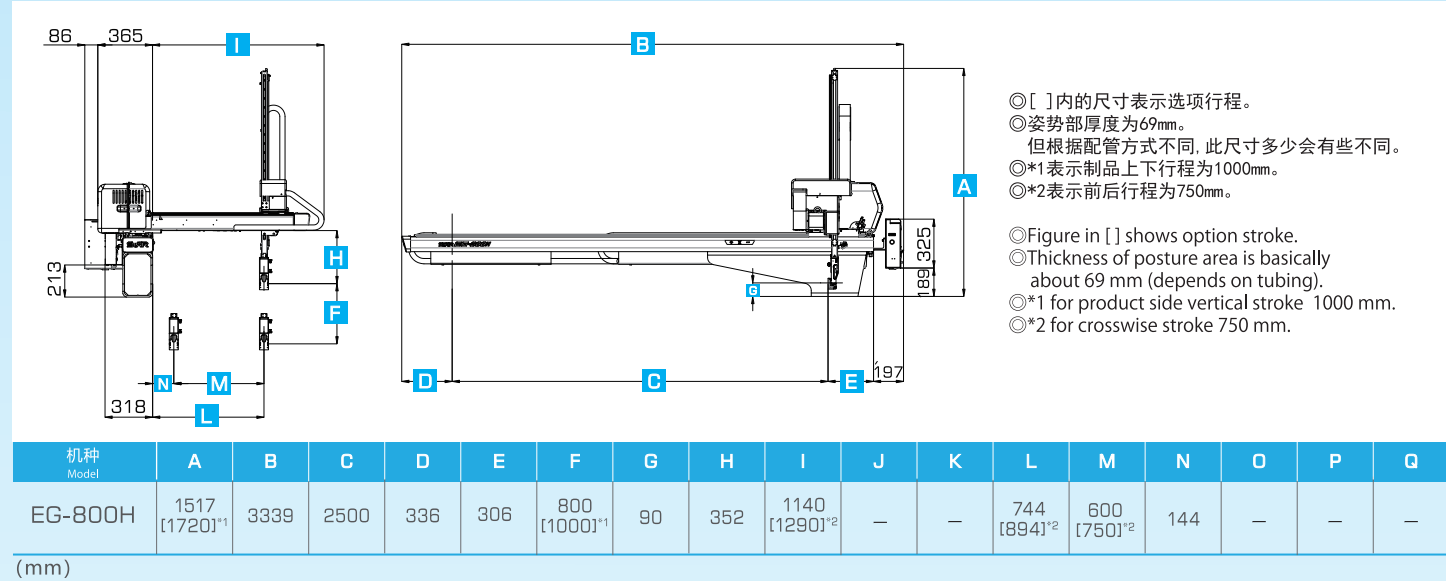
电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力(气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box			
				最大可搬重量 Max. Load	姿势力矩 Posture Torque				
AC200V ±10% 50/60Hz(三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部: 13kg Standard posture: 13kg (含夹具重量 Incl Chuck Weight)	57.8N·m	STEC-NC3			
机 种 Model	行程(移动量)(mm) Stroke				电源设备容量 (KVA) Electric Consumpton	最大消费电力 (KW) Max Power Consumpton	机器重量(kg) Net Weight		空气消耗量 (Nℓ/周期) Air Consumption (Nℓ/Cycle)
	制品上下 ⓅVertical	水口上下 ⓇVertical	前 后 Crosswise	走 行 Traverse			本 体 Main Body	操作盒 Pendant	
EG-1200H	1200 [1400]	—	182~1182	4000	3.5	2.1	710	2.0	5.7

○[]尺寸表示选项行程。
○本体重量包括控制箱及电缆线的重量。
○①表示制品侧手臂, ②表示水口侧手臂。
○Figure in [] shows option stroke.
○Net weight includes the weight of interlock box and driver box.
○In the column of stroke, ① stands for product side arm and ② stands for runner side arm.

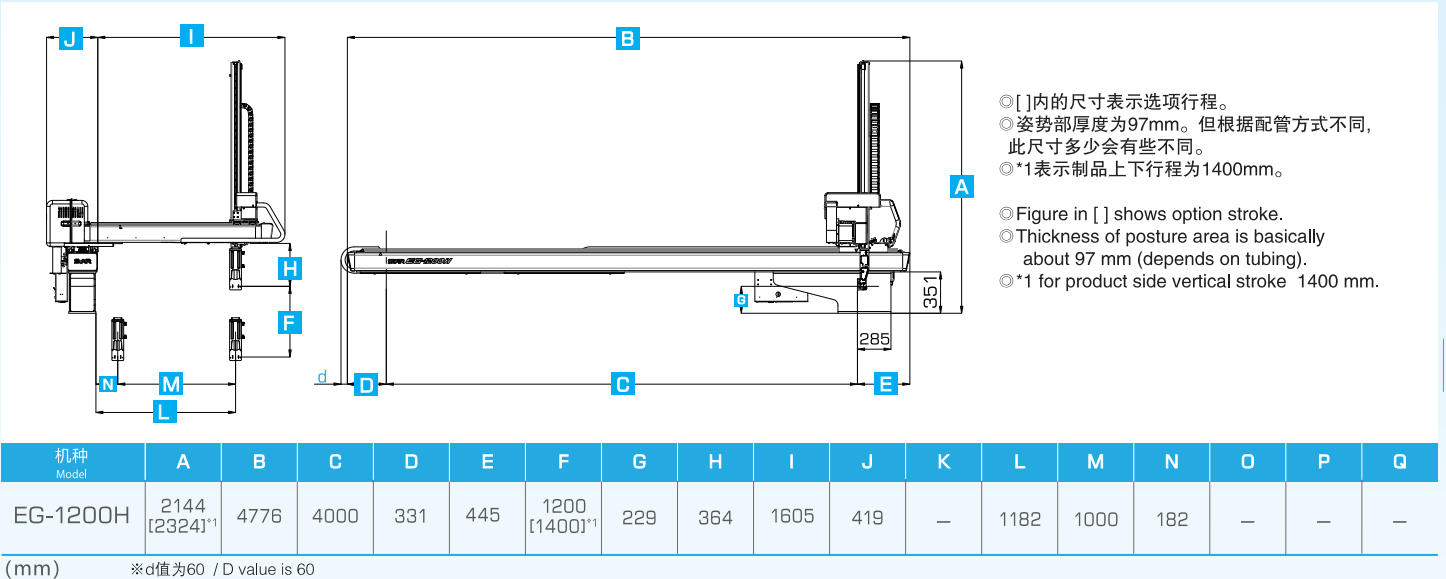
外观尺寸 | OUTER DIMENSIONS



外观尺寸 | OUTER DIMENSIONS

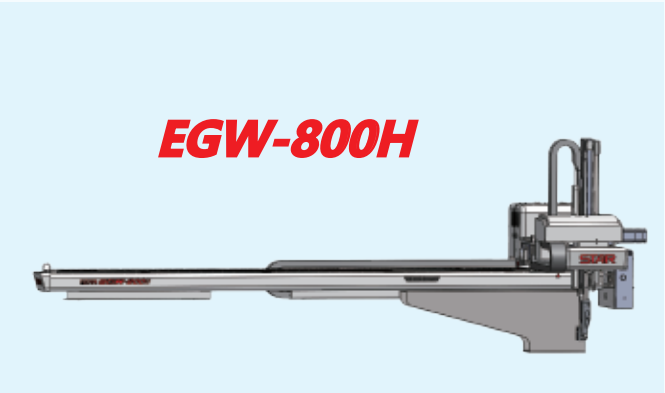


外观尺寸 | OUTER DIMENSIONS



纵走行型机械手
Parallel Traverse Type

100~350ton 注塑机用
Injection press range 100~350ton



综合参数 | GENERAL SPECIFICATIONS

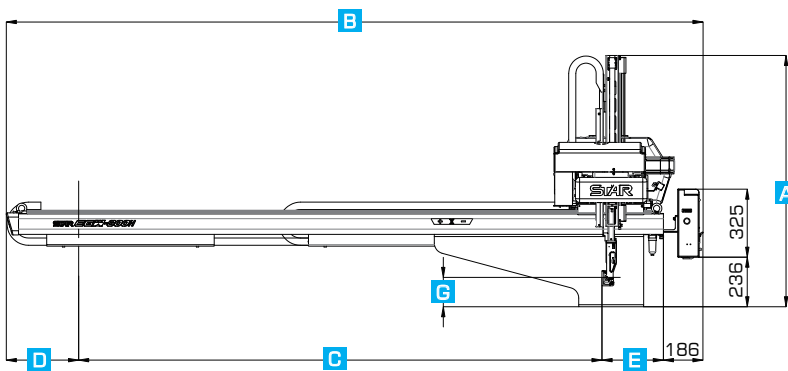
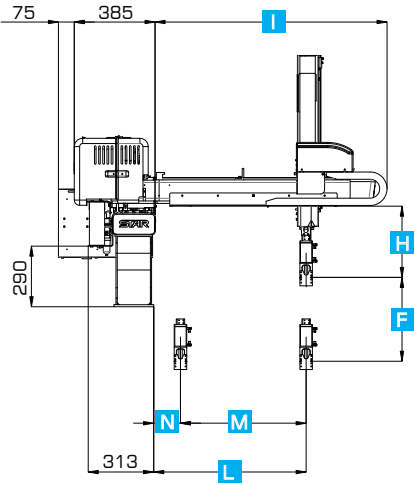
电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力 (气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box
				最大可搬重量 Max. Load	姿势力矩 Posture Torque	
AC200V ±10% 50/60Hz (三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部: 5kg Standard posture: 5kg (含夹具重量 Incl Chuck Weight)	12.9N·m	STEC-NC3

机 种 Model	行程(移动量) (mm) Stroke				电源设备容量 最大消费电力		机器重量 (kg) Net Weight		空气消耗量 (N L /周期) Air Consumption (N L /Cycle)
	制品上下 Ⓟ Vertical	水口上下 Ⓡ Vertical	前 后 Crosswise	走 行 Traverse	(KVA) Electric Consumpton	(KW) Max Power Consumpton	本 体 Main Body	操作盒 Pendant	
EGW-800H	800 [1000] [1200]	—	147~747 [147~897]	2500	2.9	1.7	431	2.0	3.7

Ⓟ[]尺寸表示选项行程。
Ⓡ本体重量包括控制箱及电缆线的重量。
ⓇⓇ表示制品侧手臂，Ⓡ表示水口侧手臂。

ⓇFigure in [] shows option stroke.
ⓇNet weight includes the weight of interlock box and driver box.
ⓇIn the column of stroke,Ⓡstands for product side arm and Ⓡstands for runner side arm.

外观尺寸 | OUTER DIMENSIONS



Ⓡ[]内的尺寸表示选项行程。
Ⓡ姿势部厚度为69mm。但根据配管方式不同,此尺寸多少会有些不同。
Ⓡ*1表示制品上下行程为1000mm。
Ⓡ*2表示制品上下行程为1200mm。
Ⓡ*3表示前后行程为750mm。
ⓇFigure in [] shows option stroke.
ⓇThickness of posture area is basically about 69 mm (depends on tubing).
Ⓡ*1 for product side vertical stroke 1000 mm.
Ⓡ*2 for product side vertical stroke 1200 mm.
Ⓡ*3 for crosswise stroke 750 mm.

机种 Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
EGW-800H	1200 [1300]*1 [1390]*2	3328	2500	346	296	800 [1000]*1 [1200]*2	140	341	1112 [1262]*3	—	—	747 [897]*3	600 [750]*3	147	—	—	—

(mm)

纵走行型机械手
Parallel Traverse Type

350~650ton 注塑机用
Injection press range 350~650ton



综合参数 | GENERAL SPECIFICATIONS

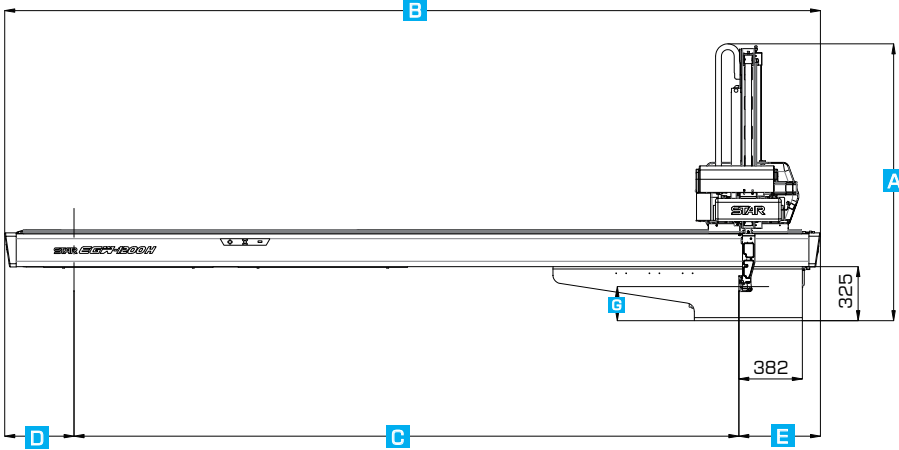
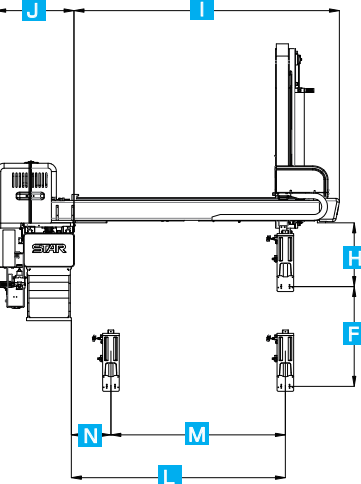
电 源 Power Source	常用气压 Air Pressure	驱动方式 Drive System	姿势(气缸) Posture (Air Cylinder)	气动姿势部推力 (气压:0.5Mpa时) Air Cylinder Driving Force (Air Pressure at 0.5Mpa)		控制箱 Control Box
				最大可搬重量 Max. Load	姿势力矩 Posture Torque	
AC200V ±10% 50/60Hz(三相) 3 Phase	0.5Mpa	AC伺服马达 AC Servo Motor	90°固定 90° Fixed	标准姿势部: 13kg Standard posture: 13kg (含夹具重量 Incl Chuck Weight)	57.8N·m	STEC-NC3

机 种 Model	行程(移动量)(mm) Stroke				电源设备容量 (KVA) Electric Consumpton	最大消费电力 (KW) Max Power Consumpton	机器重量(kg) Net Weight		空气消耗量 (Nℓ/周期) Air Consumption (Nℓ/Cycle)
	制品上下 Ⓟ Vertical	水口上下 Ⓡ Vertical	前 后 Crosswise	走 行 Traverse			本 体 Main Body	操作盒 Pendant	
EGW-1200H	1200 [1400] [1700]	—	238~1288 [238~1488]	4000	3.5	2.1	775	2.0	17.53

Ⓟ[]尺寸表示选项行程。
Ⓡ本体重量包括控制箱及电缆线的重量。
ⓇⓇ表示制品侧手臂，Ⓡ表示水口侧手臂。

ⓇFigure in [] shows option stroke.
ⓇNet weight includes the weight of interlock box and driver box.
ⓇIn the column of stroke,Ⓡstands for product side arm and Ⓡstands for runner side arm.

外观尺寸 | OUTER DIMENSIONS



Ⓡ[]内的尺寸表示选项行程。
Ⓡ姿势部厚度为97mm。但根据配管方式不同,此尺寸多少会有些不同。
Ⓡ*1表示制品上下行程为1400mm。
Ⓡ*2表示制品上下行程为1700mm。
Ⓡ*3表示前后行程为1250mm。
ⓇFigure in [] shows option stroke.
ⓇThickness of posture area is basically about 97 mm (depends on tubing).
Ⓡ*1 for product side vertical stroke 1400 mm.
Ⓡ*2 for product side vertical stroke 1700 mm.
Ⓡ*3 for crosswise stroke 1250 mm.

机种 Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
EGW-1200H	1680 [1775]*1 [1920]*2	4910	4000	418	492	1200 [1400]*1 [1700]*2	205	383	1613 [1813]*3	455	—	1288 [1488]*3	1050 [1250]*3	238	—	—	—

(mm)

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星精机械（STAR SEIKI）集团拥有50年以上注塑成型品取出的经验，eins为集团下属机器人抓手品牌，得到了客户的一致认可。超2000种高品质抓手配件，且根据客户需求提供最合适的机器人抓手和自动剪切的整体解决方案。

STAR SEIKI Group has more than 50 years of experience in injection molding products unloading. eins is a robot End Of Arm Tooling brand under the group, which has been unanimously recognized by customers. More than 2000 kinds of high-quality gripper accessories, and provide the most suitable robot gripper and automatic gate cutting overall solution according to customer needs.

