

适用注塑机吨位：100~350ton  
Injection Press Range: 100~350ton



# STEC-NC3a

## 升级多功能操作盒

Newly upgraded pendant with multi-function

功能更多样、操作更简单便捷

Variety function, more convenient and simpler operation

## 综合参数 | GENERAL SPECIFICATIONS

| 电 源<br>Power Source                         | 常用气压<br>Air Pressure | 驱动方式<br>Drive System     | 姿势(气缸)<br>Posture (Air Cylinder) | 气动姿势部推力 (气压:0.5Mpa时)<br>Air Cylinder Driving Force (Air Pressure at 0.5Mpa) |                       | 控制箱<br>Control Box |
|---------------------------------------------|----------------------|--------------------------|----------------------------------|-----------------------------------------------------------------------------|-----------------------|--------------------|
|                                             |                      |                          |                                  | 最大可搬重量 Max. Load                                                            | 姿势力矩 Posture Torque   |                    |
| AC200V $\pm$ 10%<br>50/60Hz (三相)<br>3 Phase | 0.5Mpa               | AC伺服马达<br>AC Servo Motor | 90°固定<br>90°Fixed                | 标准姿势部 :5kg[10kg]<br>(含夹具重量)<br>Incl Chuck Weight                            | 13.1N·m<br>[ 22 N·m ] | STEC-NC3a          |

| 机 种<br>Model | 行程(移动量)(mm) Stroke      |                         |                                                      |                                    | 电源设备容量<br>(KVA)<br>Electric Consumpton | 最大消费电力<br>(KW)<br>Max Power Consumpton | 机器重量(kg) Net Weight |                | 空气消耗量<br>(N <sub>l</sub> /周期)<br>Air Consumption (N <sub>l</sub> /Cycle) |
|--------------|-------------------------|-------------------------|------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------------|---------------------|----------------|--------------------------------------------------------------------------|
|              | 制品上下<br>ⓅVertical       | 水口上下<br>ⓇVertical       | 前 后<br>Crosswise                                     | 走 行<br>Traverse                    |                                        |                                        | 本 体<br>Main Body    | 操作盒<br>Pendant |                                                                          |
| EGW-800II    | 800<br>[1000]<br>[1200] | —                       | 90~790<br>[90~940]                                   | 1400<br>[1200]<br>[1600]<br>[1800] | 2.9                                    | 1.7                                    | 264                 | 2.0            | 2.0                                                                      |
| EGW-800sII   |                         | 850<br>[1050]<br>[1250] | Ⓟ 280~790<br>Ⓡ 154~664<br>[ Ⓟ 280~940<br>Ⓡ 154~814 ] |                                    | 3.5                                    | 2.1                                    | 282                 |                |                                                                          |

◎ [ ] 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.

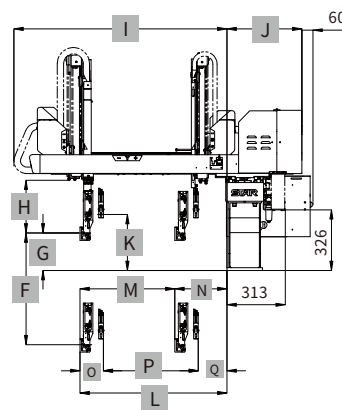
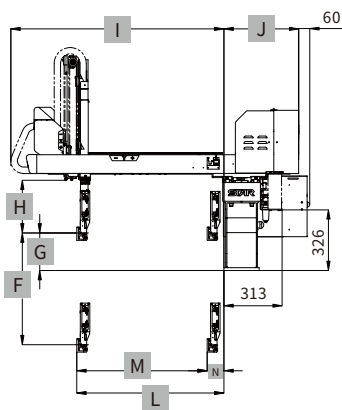
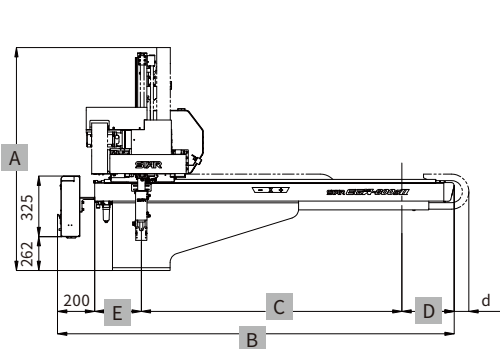
## 标准功能 | STANDARD FUNCTIONS

|                             |                                                                                          |  |                                                             |                                                       |                                                       |                                    |                                                                     |                                              |                                                                           |                           |                                        |                                               |                                                                        |  |  |  |
|-----------------------------|------------------------------------------------------------------------------------------|--|-------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|------------------------------------|---------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------|---------------------------|----------------------------------------|-----------------------------------------------|------------------------------------------------------------------------|--|--|--|
| 取出侧<br>Product Extract Side | 取出下降待机<br>Extractor descent stand-by                                                     |  | 前进取出侧姿势控制<br>Crosswise product extract side posture control |                                                       | 吸着确认单元 (1回路)<br>Vacuum confirmation unit (1circuit)   |                                    | 自由滑移取出<br>Free extract for under-cut mold                           |                                              |                                                                           |                           |                                        |                                               |                                                                        |  |  |  |
|                             | 顶针联动<br>Ejector link                                                                     |  | 顶针后退联动<br>Ejector return link                               |                                                       | 水口模内开放<br>Runner release within mold                  |                                    | 前后自由伺服点<br>Crosswise Free Servo point                               |                                              |                                                                           |                           |                                        |                                               |                                                                        |  |  |  |
| 走行<br>Traverse              | 走行途中姿势<br>Posture control during traverse                                                |  |                                                             | 浇口途中开放 (走行/复归)<br>Midway runner release (Move・Revert) |                                                       | 不良品排出<br>Defective product reject  |                                                                     | 初期不良品排出<br>Initial defective product reject  |                                                                           | 横走行待机<br>Delayed traverse |                                        |                                               |                                                                        |  |  |  |
| 落下侧<br>Product Release Side | 落下侧下降途中姿势<br>Posture midway descent at release side                                      |  |                                                             |                                                       | 装箱点<br>Point packaging                                |                                    | 自由装箱点 (8级, 共1024点)<br>Point free packaging ( 8 stage ,1024 points ) |                                              |                                                                           |                           | 输送带启动信号<br>Start singal of conveyor    |                                               |                                                                        |  |  |  |
| 其它<br>Other                 | 3国语言切换 ( 简体中文、日文、英文 )<br>Three language exchange (Simplified chinese, Japanese, English) |  |                                                             |                                                       | 插入式用户编程<br>Easy NC steps (User program editing)       |                                    |                                                                     |                                              | 操作盒内置存储记忆<br>Internal storage memory                                      |                           |                                        |                                               | 伺服休眠<br>Servo sleep feature                                            |  |  |  |
|                             | 设定值隐藏功能<br>Default blind feature                                                         |  | 背景灯自动OFF<br>Backlight Auto OFF                              |                                                       | 伺服监视 ( 波形监视 )<br>Servo monitor(Wave shape monitor)    |                                    |                                                                     |                                              | PASS动作后的直线距离显示功能<br>Direct distance display function after pass operation |                           |                                        |                                               | 记录器<br>Recorder                                                        |  |  |  |
|                             | 标准搭载成型机自动监视模式<br>Carrying with auto monitor mode                                         |  |                                                             |                                                       | 动力电源与控制电源分离<br>Separation of control and power supply |                                    |                                                                     |                                              | 制振控制功能<br>Vibration control function                                      |                           |                                        |                                               | 搭载高性能CPU,反应灵敏<br>Improvement in operation response with high-speed CPU |  |  |  |
|                             | 标配绝对编码器<br>Standard use of absolute encoder                                              |  |                                                             | 保持菜单栏显示<br>Keep menu display                          |                                                       | 调整取出周期<br>EXTRACT CYCLE ADJUSTMENT |                                                                     | 自动调整顶针开始定时器<br>EJECTOR TIMER AUTO ADJUSTMENT |                                                                           |                           |                                        | 段取换数据图片化显示<br>The data of step change display |                                                                        |  |  |  |
|                             | 加减速自动调整功能<br>Acceleration and deceleration auto adjustment function                      |  |                                                             |                                                       | 冲突检知功能<br>Collision detect function                   |                                    | 保养功能<br>Maintenance feature                                         |                                              | 周期确认运转<br>One cycle check operation                                       |                           |                                        |                                               | 生产支援功能<br>Production control feature                                   |  |  |  |
|                             | 成型周期自动联动<br>Mold cycle auto link                                                         |  | 节能监测功能<br>Energy-saving monitor                             |                                                       | 平滑移动<br>Smooth movement                               |                                    | 速度切换<br>Speed switching                                             |                                              | 段取换(读取/写入)密码分离<br>Password separation                                     |                           |                                        |                                               | 自由装箱阶段复制<br>Replication of free packing                                |  |  |  |
|                             | 进入禁止区域<br>Prohibited area                                                                |  | 重量设定快捷显示<br>Quick display of weight setting                 |                                                       | 最适加减速<br>Most suitable speed                          |                                    | 客户程序优化<br>Customer program optimization                             |                                              |                                                                           |                           | 连续补间(仅CNC)<br>Continuous interpolation |                                               |                                                                        |  |  |  |

## 选项功能 | OPTION FUNCTIONS

|                                |                                                                                                               |                                                                                                                       |                                                                    |
|--------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 取出侧<br>Product Extract<br>Side | <input type="checkbox"/> 制品确认 (2回路/4回路)<br>Product confirmation (2circuits/4circuits)                         | <input type="checkbox"/> 夹具内剪刀回路<br>Air nipper in chuck                                                               | <input type="checkbox"/> 夹具内剪刀(带引拔)<br>Air nipper in chuck(W/Pull) |
|                                | <input type="checkbox"/> 回转机构 (I,II,III,IV)<br>Product rotation unit(I,II,III,IV)                             | <input type="checkbox"/> 吹气回路(模具)<br>Air blow circuit(mold)                                                           |                                                                    |
| 落下侧<br>Product Release<br>Side | <input type="checkbox"/> 制品2点开放(4点/8点)<br>Release products at two different points (four points/eight points) | <input type="checkbox"/> 吸着2点开放(4点/8点)<br>Release products at two different points W/Vacuum(four points/eight points) |                                                                    |
|                                | <input type="checkbox"/> NT剪切·可动侧(无单元,带电磁阀)<br>NT gate cut on crossmember of moving side(W/O Unit,W/Valve)    | <input type="checkbox"/> NT剪切·可动侧(有单元,带电磁阀)<br>NT gate cut on crossmember of moving side (W/Unit,W/Valve)             |                                                                    |
| 其它<br>Other                    | <input type="checkbox"/> 警报灯 (红色·无蜂鸣器)<br>Alarm Lamp (Red color,w/o buzzer)                                   | <input type="checkbox"/> 自动快速交换用夹具 (气压式)<br>Quick chuck change automatic (air sw)                                     | <input type="checkbox"/> 操作盒支架<br>Pendant stand                    |
|                                | <input type="checkbox"/> IOT机能<br>IOT functional                                                              | <input type="checkbox"/> 欧规 67<br>EUROMAP 67                                                                          | <input type="checkbox"/> 欧规 12 (SPI)<br>EUROMAP 12 (SPI)           |

## 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 L is 1800 mm.  
◎\*6表示L尺寸为940mm。/ \*6 When dimension L is 940 mm.

| 机种<br>Model | A                                                    | B                                                    | C                                                                            | D                                                                        | E                                                                        | F                                                   | G        | H   | I                            | J   | K   | L                          | M                          | N   | O   | P                          | Q   |
|-------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------|----------|-----|------------------------------|-----|-----|----------------------------|----------------------------|-----|-----|----------------------------|-----|
| EGW-800II   | 1200<br>[1300] <sup>*1</sup><br>[1400] <sup>*2</sup> | 2130<br>[2130] <sup>*3</sup><br>[2550] <sup>*4</sup> | 1400<br>[1200] <sup>*3</sup><br>[1600] <sup>*4</sup><br>[1800] <sup>*5</sup> | 280<br>[280] <sup>*3</sup><br>[300] <sup>*4</sup><br>[300] <sup>*5</sup> | 250<br>[450] <sup>*3</sup><br>[450] <sup>*4</sup><br>[250] <sup>*5</sup> | 800<br>[1000] <sup>*1</sup><br>[1200] <sup>*1</sup> | 201<br>★ | 284 | 1145<br>[1295] <sup>*6</sup> | 402 | —   | 790<br>[940] <sup>*6</sup> | 700<br>[850] <sup>*6</sup> | 90  | —   | —                          | —   |
| EGW-800sII  | 1200<br>[1300] <sup>*1</sup><br>[1400] <sup>*2</sup> | 2130<br>[2130] <sup>*3</sup><br>[2550] <sup>*4</sup> | 1400<br>[1200] <sup>*3</sup><br>[1600] <sup>*4</sup><br>[1800] <sup>*5</sup> | 280<br>[280] <sup>*3</sup><br>[300] <sup>*4</sup><br>[300] <sup>*5</sup> | 250<br>[450] <sup>*3</sup><br>[450] <sup>*4</sup><br>[250] <sup>*5</sup> | 800<br>[1000] <sup>*1</sup><br>[1200] <sup>*1</sup> | 201<br>★ | 284 | 1145<br>[1295] <sup>*6</sup> | 402 | 251 | 790<br>[940] <sup>*6</sup> | 510<br>[660] <sup>*6</sup> | 280 | 126 | 510<br>[660] <sup>*6</sup> | 154 |

(mm) ※反操作时E值为267、[467]<sup>\*3</sup>、[467]<sup>\*4</sup>、[267]<sup>\*5</sup>  
D值为263、[263]<sup>\*3</sup>、[280]<sup>\*4</sup>、[280]<sup>\*5</sup>  
As anti-operator side E is 267、[467]<sup>\*3</sup>、[467]<sup>\*4</sup>、[267]<sup>\*5</sup>  
D is 263、[263]<sup>\*3</sup>、[280]<sup>\*4</sup>、[280]<sup>\*5</sup>

★EGW-800(s)G尺寸为140mm。

※d值正操作时为77、[77]<sup>\*3</sup>、[45]<sup>\*4</sup>、[45]<sup>\*5</sup>  
反操作时为35、[35]<sup>\*3</sup>、[5]<sup>\*4</sup>、[5]<sup>\*5</sup>  
As operator side d is 77、[77]<sup>\*3</sup>、[45]<sup>\*4</sup>、[45]<sup>\*5</sup>  
anti-operator side d is 35、[35]<sup>\*3</sup>、[5]<sup>\*4</sup>、[5]<sup>\*5</sup>

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