



旋鉚機目錄



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**SPIN
RIVETING
MACHINE**

旋 鉚 機 ROTATIONAL RIVETING MACHINE



HC-OR10S

伺服氣壓徑向旋鉚機 (桌上型)

SERVO PNEUMATIC RADIAL RIVETING MACHINE

- The riveting machine is a table type, and the machinery foundations is optional.
- 氣壓旋鉚機是桌上型態，也可以選配機器腳架模式 (如樣品圖)。

Riveting capacity (mild steel)	鉚合能力	0.5~4.5 mm
Throat depth	喉深	150 mm
Stroke of cylinder	衝程	5~30 mm
Max riveting force	最大鉚接壓力	280 kgf
Gauge pressure	使用壓力	1~6 kgf/cm ²
Working cycle time	時間設定	0.5~5 sec
Servo motor	伺服馬達	3Φ 220V 400w
Dimensions (LxWxH mm)	機械尺寸	570x640x1480
Net weight	淨重	230 kg



HC-OR12S

伺服氣壓徑向旋鉚機 (桌上型)

SERVO PNEUMATIC RADIAL RIVETING MACHINE

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- 氣壓旋鉚機是桌上型態，也可以選配機器腳架模式 (如樣品圖)。

Riveting capacity (mild steel)	鉚合能力	0.5~7.5mm
Throat depth	喉深	200 mm
Stroke of cylinder	衝程	5~40 mm
Max riveting force	最大鉚接壓力	630 kgf
Gauge pressure	使用壓力	1~6 kgf/cm ²
Working cycle time	時間設定	0.5~5 sec
Servo motor	伺服馬達	3Φ 220V 750w
Dimensions (LxWxH mm)	機械尺寸	670x710x1530
Net weight	淨重	380 kg



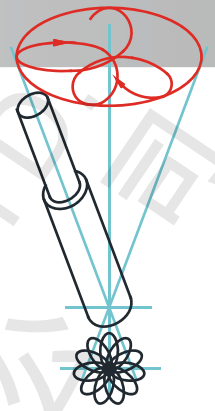
HC-OR15S

伺服油壓徑向旋鉚機

SERVO HYDRAULIC RADIAL RIVETING MACHINE

- The hydraulic system motor can be chosen for induction motor or servo motor. The servo motor can be achieved to power-saving and lower noise.
- 油壓馬達可以選擇一般感應馬達或是伺服馬達，伺服馬達可以達到節能和低噪音。

Riveting capacity (mild steel)	鉚合能力	3~13 mm
Throat depth	喉深	150 mm
Stroke of cylinder	衝程	5~40 mm
Max riveting force	最大鉚接壓力	2,600 kgf
Gauge pressure	使用壓力	10~70 kgf/cm ²
Working cycle time	時間設定	0.5~5 sec
Servo motor (Riveting head)	伺服馬達	3Φ 220V 1kw
Hydraulic motor	油壓馬達	3Φ 220V 0.75kw
Dimensions (LxWxH mm)	機械尺寸	600x900x1700
Net weight	淨重	550 kg



HC-OR20S

伺服油壓徑向旋鉚機

SERVO HYDRAULIC RADIAL RIVETING MACHINE

- The hydraulic system motor can be chosen for induction motor or servo motor. The servo motor can be achieved to power-saving and lower noise.
- 油壓馬達可以選擇一般感應馬達或是伺服馬達，伺服馬達可以達到節能和低噪音。

Riveting capacity (mild steel)	鉚合能力	6~18 mm
Throat depth	喉深	200 mm
Stroke of cylinder	衝程	5~40 mm
Max riveting force	最大鉚接壓力	3,400 kgf
Gauge pressure	使用壓力	10~70 kgf/cm ²
Working cycle time	時間設定	0.5~5 sec
Servo motor (Riveting head)	伺服馬達	3Φ 220V 2kw
Hydraulic motor	油壓馬達	3Φ 220V 1.5kw
Dimensions (LxWxH mm)	機械尺寸	660x1160x1750
Net weight	淨重	790 kg

旋 鉚 機 ROTATIONAL RIVETING MACHINE



HC-01

氣壓旋鉚機

PNEUMATIC RIVETING MACHINE

Riveting capacity (mild steel)	鉚合能力	0.5~4 mm
Throat depth	喉深	150 mm
Stroke of cylinder	衝程	5~30 mm
Max riveting force	最大鉚接壓力	230 kgf
Gauge pressure	使用壓力	1~6 kgf/cm ²
Working cycle time	時間設定	0.5~5 sec
Motor	馬達	3Φ 220V 90w
Dimensions (LxWxH mm)	機械尺寸	360x600x750
Net weight	淨重	120 kg



HC-66

氣壓旋鉚機

PNEUMATIC RIVETING MACHINE

Riveting capacity (mild steel)	鉚合能力	0.5~6 mm
Throat depth	喉深	200 mm
Stroke of cylinder	衝程	5~40 mm
Max riveting force	最大鉚接壓力	530 kgf
Gauge pressure	使用壓力	1~6 kgf/cm ²
Working cycle time	時間設定	0.5~5 sec
Motor	馬達	3Φ 220V 400w
Dimensions (LxWxH mm)	機械尺寸	450x770x940
Net weight	淨重	230 kg

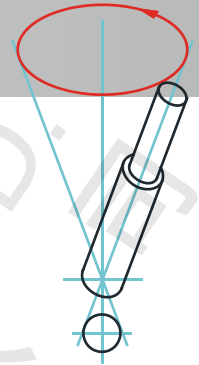


HC-70

油壓旋鉚機

HYDRAULIC RIVETING MACHINE

Riveting capacity (mild steel)	鉚合能力	3~10 mm
Throat depth	喉深	150 mm
Stroke of cylinder	衝程	5~50 mm
Max riveting force	最大鉚接壓力	1,600 kgf
Gauge pressure	使用壓力	10~70 kgf/cm ²
Working cycle time	時間設定	0.5~5 sec
Motor (Riveting head)	馬達	3Φ 220V 750w
Hydraulic motor	油壓馬達	3Φ 220V 750w
Dimensions (LxWxH mm)	機械尺寸	470x820x1680
Net weight	淨重	440 kg



HC-150

油壓旋鉚機

HYDRAULIC RIVETING MACHINE

Riveting capacity (mild steel)	鉚合能力	6~15 mm
Throat depth	喉深	200 mm
Stroke of cylinder	衝程	5~50 mm
Max riveting force	最大鉚接壓力	3,300 kgf
Gauge pressure	使用壓力	10~70 kgf/cm ²
Working cycle time	時間設定	0.5~5 sec
Motor (Riveting head)	馬達	3Φ 220V 1.5kw
Hydraulic motor	油壓馬達	3Φ 220V 1.5kw
Dimensions (LxWxH mm)	機械尺寸	670x1150x1850
Net weight	淨重	850 kg



HC-300S

油壓旋鉚機

HYDRAULIC RIVETING MACHINE

Riveting capacity (mild steel)	鉚合能力	10~25 mm
Throat depth	喉深	300 mm
Stroke of cylinder	衝程	5~50 mm
Max riveting force	最大鉚接壓力	8,000 kgf
Gauge pressure	使用壓力	10~70 kgf/cm ²
Working cycle time	時間設定	0.5~5 sec
Servo motor (Riveting head)	主軸馬達	3Φ 220V 4.4kw
Hydraulic servo motor	油壓馬達	3Φ 220V 4.4kw
Dimensions (LxWxH mm)	機械尺寸	760x1460x2400
Net weight	淨重	1810 kg



HC-150E

全電式旋鉚機

SERVO CONTROL RIVETING MACHINE

- High precision, environmental awareness, easy to set up.
- 精密度高，環保，操作設定簡單

Riveting capacity (mild steel)	鉚合能力	6~15 mm
Throat depth	喉深	250 mm
Stroke of cylinder	衝程	5~100 mm
Working cycle time	時間設定	0.5~5 sec
Servo motor (Riveting head)	伺服馬達	3Φ 220V 2kw
Output servo motor	出力馬達	3Φ 220V 4.4kw
Dimensions (LxWxH mm)	機械尺寸	1000x860x2150
Net weight	淨重	860 kg

專用機型 SPECIAL PURPOSE MACHINE



HC-OR12TNC

數控旋鉚機

CNC RADIAL RIVETING MACHINE

- Full CNC control for mass production.
- CNC控制旋鉚機，針對批量生產及產品鉚合高度不一致有著極優異的生產效率。

HC-70-SAT

零件組裝鉚合機

PARTS ESSEMBLY RIVETING MACHINE

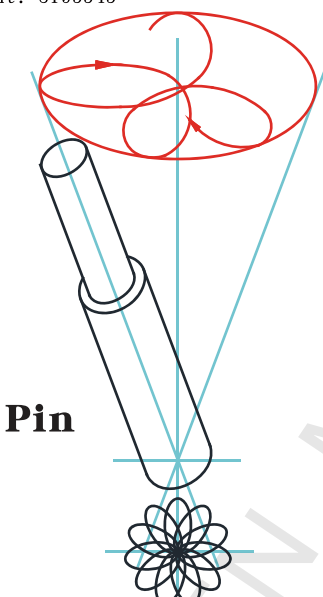
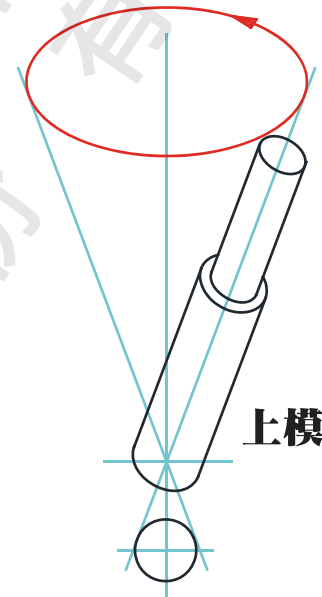


專利證書

Patent Certificate

專利:節能鉚釘機，徑向鉚接機
台灣，中國，日本



<p>徑向旋鉚機 Radial Riveting Machine</p> <p>HC-OR10S / HC-OR12S / HC-OR15S / HC-OR20S / HC-OR30S</p>	<p>偏擺式旋鉚機 Orbital Riveting Machine</p> <p>HC-01 / HC-66 / HC-70 / HC-150 / HC-300S / HC-150E</p>
<p>Taiwan Patent : M495908 China Patent : ZL201420661362.0 Japan Patent : 3195545</p>  <p>Pin</p>	 <p>上模</p>
<p>旋轉方式像花瓣路徑式一樣旋轉，共 11 朵花瓣 Rotating: Eleven Rose-Petals Path</p>	<p>固定點式旋轉 Rotating with one point spinning</p>
<p>摩擦力最小 Less Friction</p>	<p>摩擦力較大 Large Friction</p>
<p>鉚合過程中，表面的電鍍層比較不會嚴重破壞。 The structure and fibers of finished rivet are much superior to the ones achieved by orbital way. The rotating process will not damage the rivets coating seriously.</p>	<p>鉚合過程中，因為上模直接旋轉摩擦鉚釘表面，所以極容易破壞鉚釘表面 During riveting, the upper mold is rotating and rubbing on the rivet directly. Therefore, the rotating process will damage the rivets' surface easily including the coating.</p>
<p>更加安全 Safer</p>	<p>安全 Safe</p>
<p>徑向式鉚合過程較為溫和 Radial riveting procedure is much gentler.</p>	<p>偏擺式鉚合過程較為沉重，不像徑向旋鉚一樣的溫和 Orbital riveting is not as gentle as the radial riveting procedure.</p>
<p>不需下模即可進行鉚合(鉚釘頭為平面) Clamping is usually unnecessary.</p>	<p>下模是必須的 Clamping is always necessary</p>
<p>鉚合負荷較低 Low workpiece loading</p>	<p>鉚合負荷較高 High workpiece loading</p>
<p>鉚合速度稍慢，但是配合伺服馬達，達到更好的效果。 Using servo motor to achieve better riveting performance.</p>	<p>鉚合時間較快 The riveting cycle time is faster. 價格較便宜 Cheaper than radial one.</p>



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