



製管機 / 裁剪機 / 分條機

彰機鋼鐵機械股份有限公司

**YANG CHEN STEEL**

**MACHINERY CO., LTD.**

CE ISO 9002 研發 | 製造 | 設計



<http://www.yangchen-steel.com.tw>

<http://tube-mills.ready-market.com>

<http://www.allproducts.com/machine/yangchen>

## 公司簡介

本公司專業製造製管機械及週邊設備，30年來在董事長張慶焚先生和全體工作同仁共同努力下，注重研究發展，嚴格品質管制和完善售後服務，奠定了今日在鋼管機械國內外廣大用戶群的支持與肯定。

## ***The Mark Of Best Product, Excellent Service***

Accumulating more than 30 years of professional manufacturing experience, we are specialized in supplying the stainless steel and high frequency pipe making machinery and its peripheral equipment. Under sponsor of our president Mr.C.F.Chang and integral teamwork staff efforts in quality improving and technological reseaching, we have won outstanding reputations and widely patronages from domestic and overseas customers.



目次 *Index*

CNC 鋼板整平裁剪機 CNC Steel Sheet Levelling & Shearing Machine	03
鋼板自動分條機 Automatic Steel Sheet Slitting Machine	05
高週波碳鋼管製管機 H.F.Pipe Making Machine	07
不銹鋼管製管機 Stainless Steel Pipe Making Machine	09
圓管拋光機 Round Tube Polishing Machine	11
方管拋光機 Square Tube Polishing Machine	13
修端機 End-Facing Machine	14
鋼管矯直機 Straighten Machine	14
花管成型機、束管機 Rotary Type Swaging Machine · Tapering Machine	15
CNC 模具車削 CNC Tooling	16
渦流探傷機+噴字機 Eddy Current Tester & Inkjet Printer	16
迷你分條機 Mini Slitting Line	17
水壓試驗機 Hydrostatic Test Machine	17
鋸片研磨機 Saw Blade Grinding Machine	18
鋼管規格表 Specification for Steel Tubes	18

## ► CNC 鋼板整平裁剪機

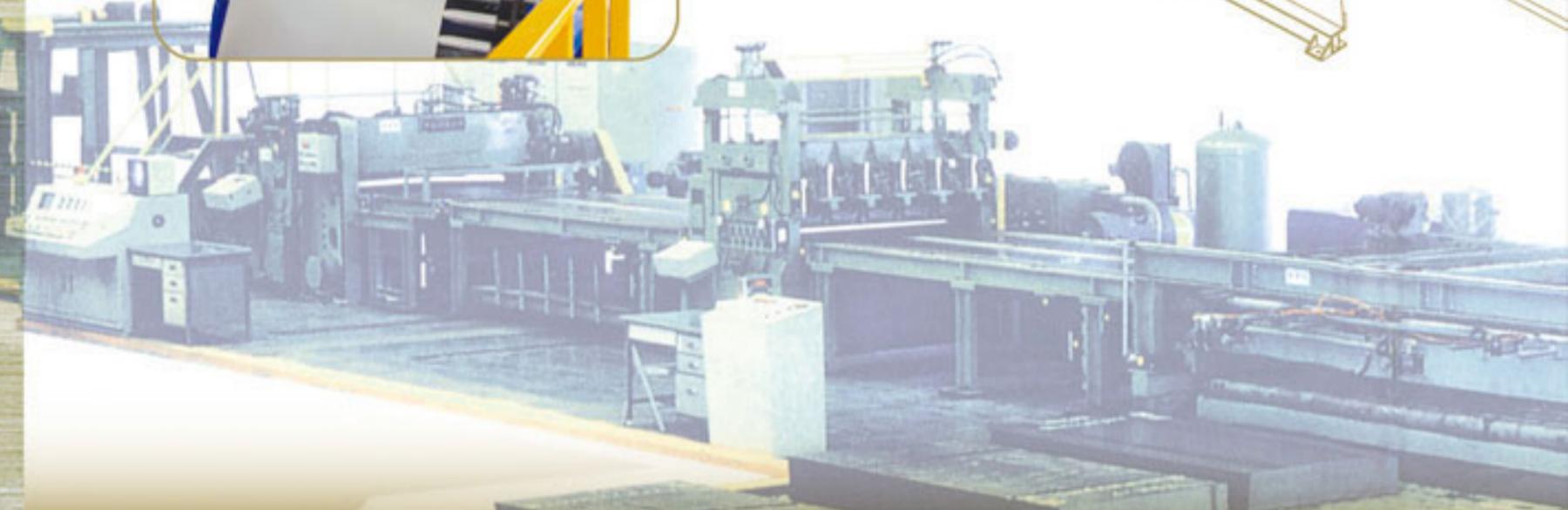
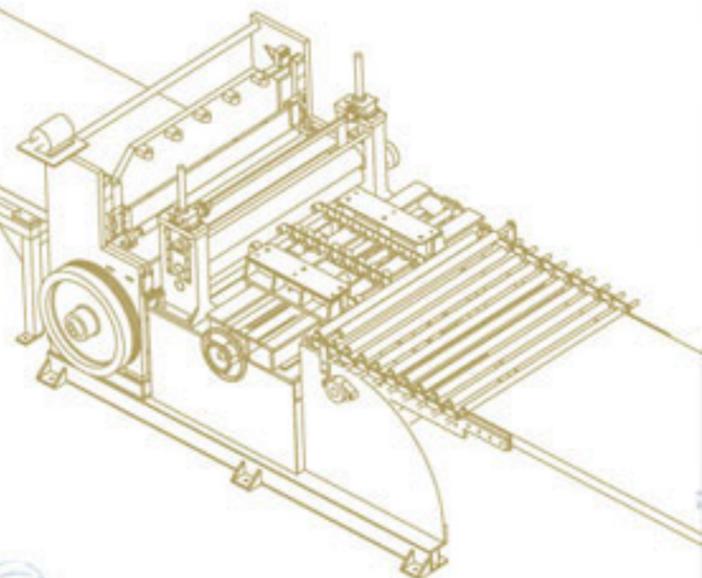
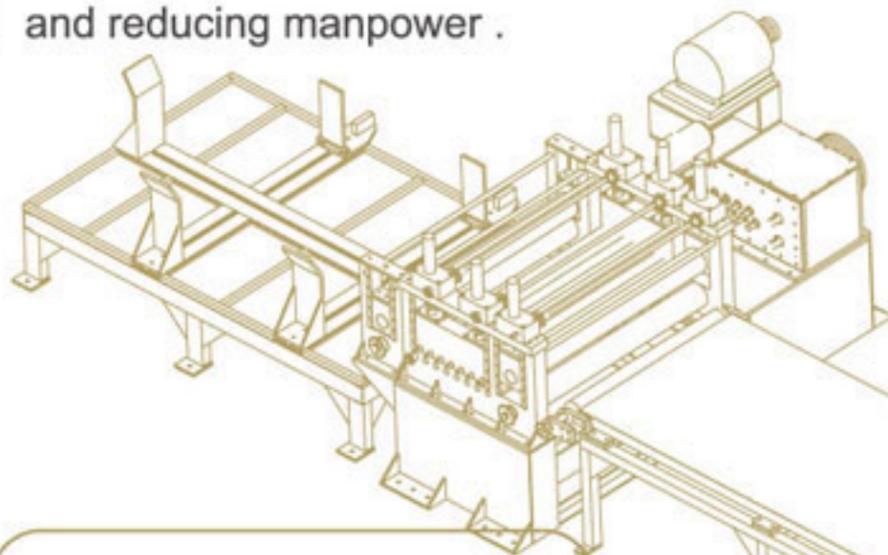
### CNC Steel Sheet Levelling & Shearing Machine

- 提高裁切精度
- 可靠度提昇
- 對話式操作
- 計畫性生產管理方式

- Greater Cutting Accuracy
- Improved Reliability
- Planned Production
- Flexible Processing Alternatives

本機配合最新科技之CNC 伺服控制系統，送料採油壓式自動控制，操作簡便節省人力，速度快、剪切精準度高。

Thanks for the most advanced Computerized Numerical Control (CNC) plus AC servo drive technology together with fully automatic hydraulic controlled uncoiler that ensure our CNC Cut-To-Length machine to achieve you tough cutting job for sheet metals with fast speed , greater accuracy improved efficiency , easy operation , and reducing manpower .



型式 Model	鋼板厚度 Steel Sheet Thickness (mm)	鋼板寬度 Steel Sheet Width (mm)	所剪長度 Shearing Length (mm)	鋼板圈重量 Coil Weight (Ton Max.)	需要空間 Space Required (m <sup>3</sup> )	整平速度 Leveling Speed (Max.)	馬力 Power (HP)
YC-S420	0.2~2.0	600~1230	600~2440	15	5x2x21	40 m/min	85
YC-S432	0.4~3.2	600~1230	600~3000	15	5x2x21	36 m/min	90
YC-S460	2.0~6.0	600~1230	600~3000	15	5x2x26	34 m/min	100
YC-S520	0.2~2.0	600~1560	600~3000	25	5x2x21	36 m/min	95
YC-S532	0.4~3.2	600~1560	600~3000	25	6x2x21	35 m/min	110
YC-S560	2.0~6.0	600~1560	600~3000	25	6x2x32	30 m/min	150

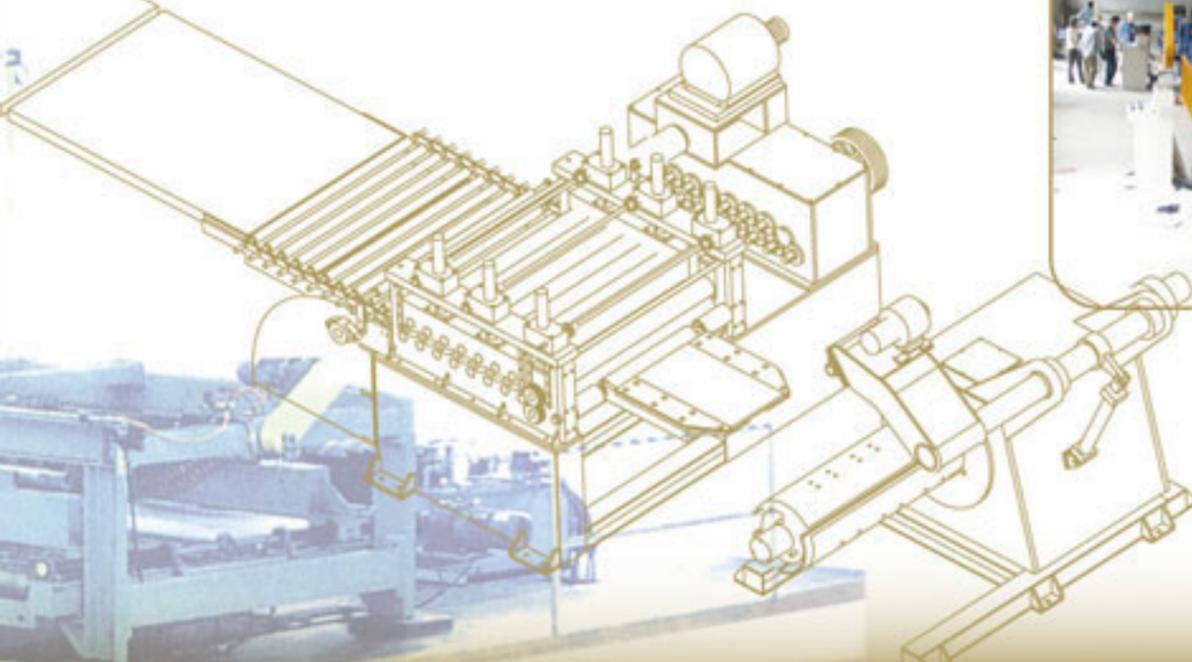
### 特性：

1. 採高速CNC電腦數值控制，AC伺服定位系統，高定位精度及可靠度。
2. 螢幕顯示及人機介面訊息。
3. 採用功能鍵可直接換頁，執行特定功能。
4. 執行剪切操作自動及手動，自動分單及連動操作。
5. 可自面板鍵盤輸入長度，片數，調整參數及執行5組預設程式。
6. 主機之螢幕可顯示目前之機械操作狀態如：程式編號、裁切長度及片數等。



### Features :

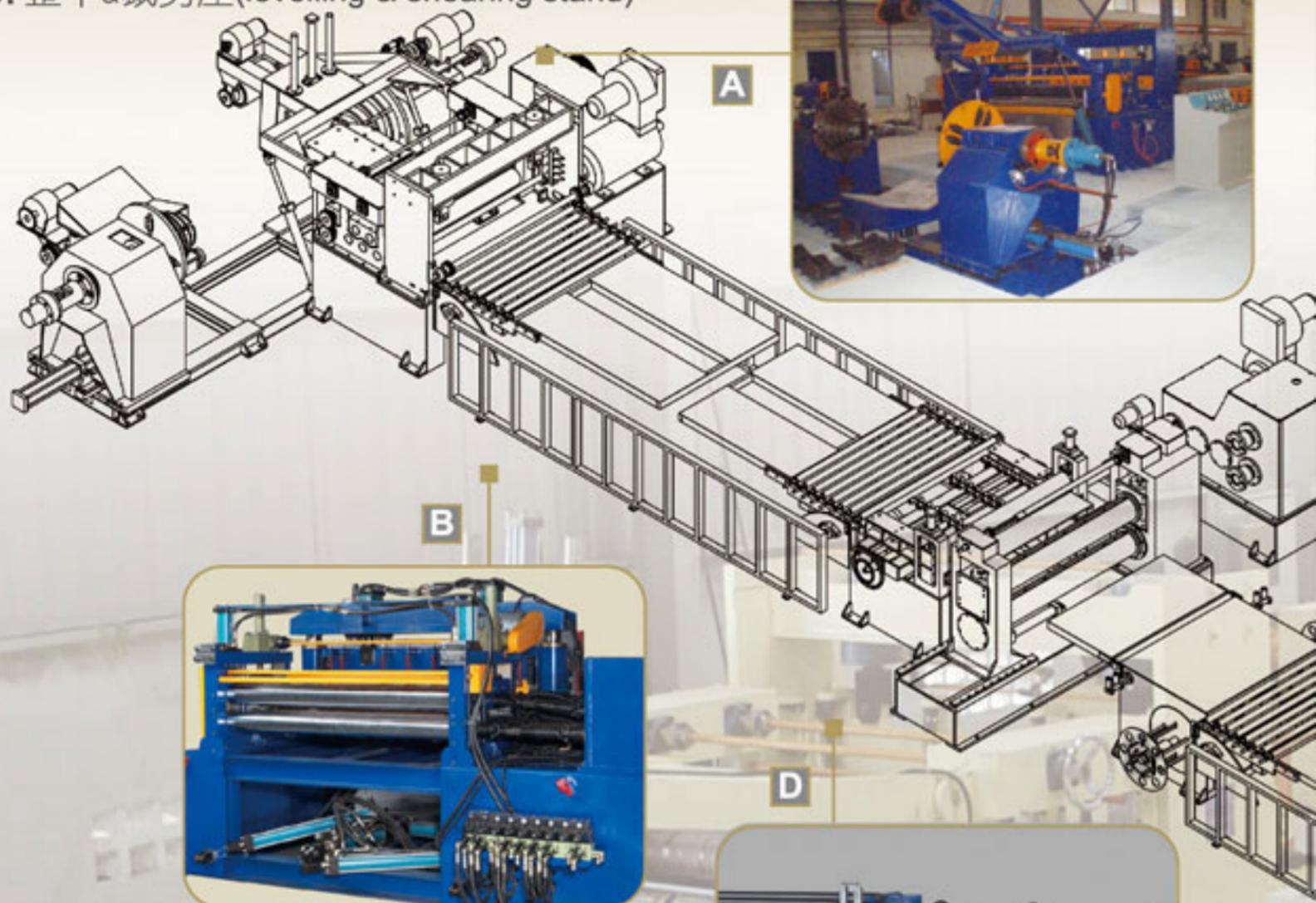
1. High speed Computerized Numerical Control (CNC) and AC servo drive system for better positioning / cutting accuracy and reliability .
2. High resolution graphic monitor for plant floor Man Machine Interface (MIMI) message handling and display .
3. Programmable function keys for specific tasks .
4. Cutting function could be selected in either AUTO or MANUNL mode , in AUTO mode the system could make SINGLE STEP or CONTINUAL operation .
5. Key-In could be mode for setting : cutting length , Quantity , job no ., and parameter adjustment...via NEMA type front panel .
6. Dedicated screen / menu could be selected by the operator named As :JOB NO ., CUTTING LENGTH , QUANTITY, PARAMETERS for setting operational parameters .



## ▶ 鋼板自動分條機

### Automatic Steel Sheet Slitting Machine

- A. 雙邊入料架 (double side uncoiler)
- B. 整平&裁剪座(levelling & shearing stand)

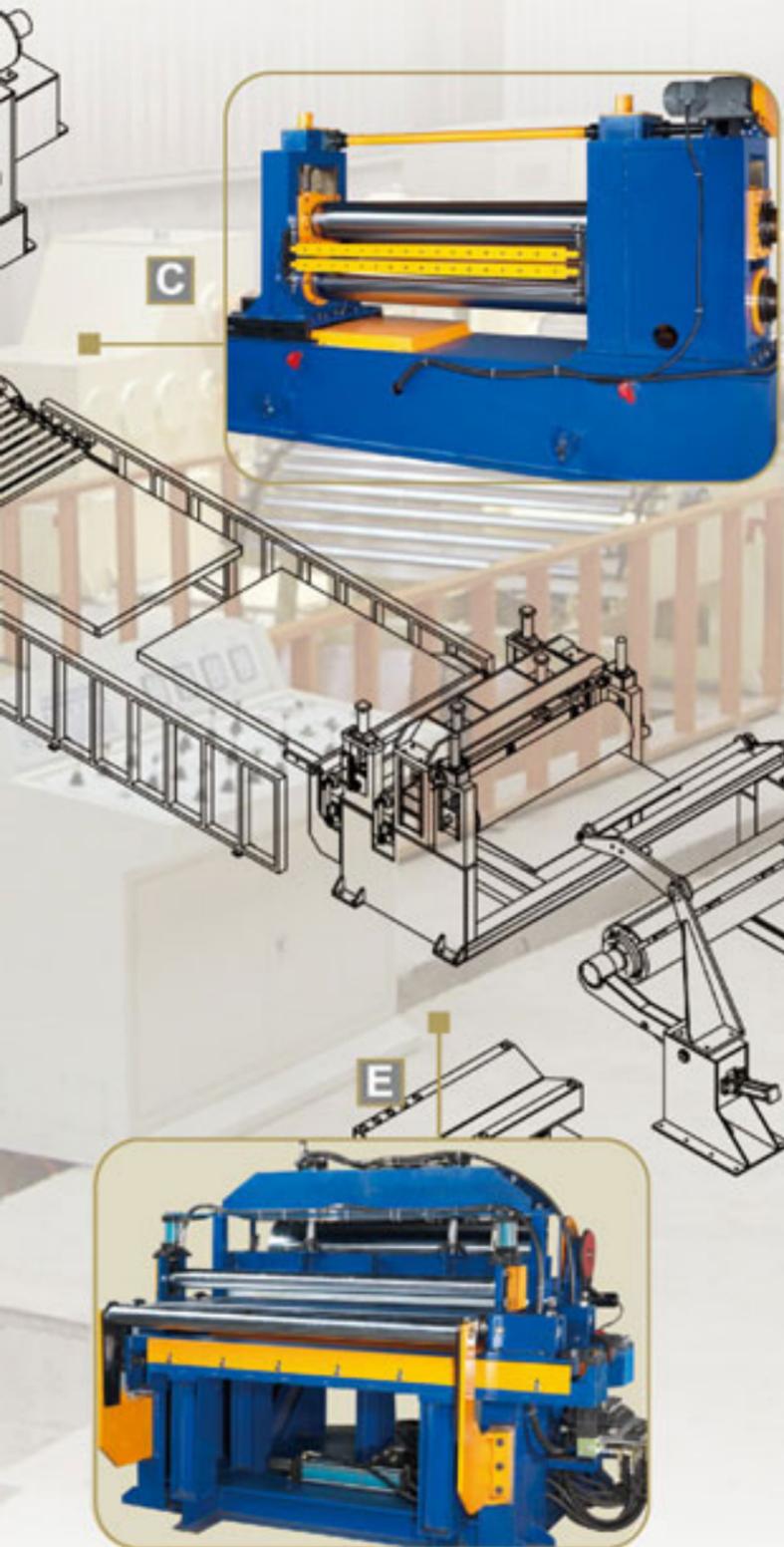


- C. 分條刀座(slitting knife stand)
- D. 廢料捲取(scrap winder)
- E. 張力控制(tension pad stand)

### 特性:

1. 採用可程式設計，根據板片之性質自動切換產線高低速模式，得以提高機械效能及降低保養頻率。
2. 材料台及捲取軸收縮油壓缸，採用一體成型設計，故障率低。
3. 材料台及主軸上配置高效率之碟式張力煞車組合，以空壓迴路調整，降低板片張力調整時間、並於特定狀況下自動作出瞬間張迫煞車動作，以免鋼卷鬆脫。
4. 前段放片機能提供動力，使之自動與產線配速生產。
5. 中段分條刀座，採一體式基座及分離式傳動結構，有效提高機械結構之鋼性，同時降低分條刀片的震動幅度，提高成品品質。
6. 分條刀軸基準平面震幅精度均在0.006m/m以內，能確保刀具壽命及分條成品精度。
7. 捲邊機採用張力式捲取，並配置滑差結構，提高機械操作之穩定性。
8. 張力控制台採用彈性佳、磨阻系數高之羊毛毯為面材，提供順暢之生產運轉。此外，另配有壓力平衡裝置，使壓著面雙側壓力平均。
9. 收料機裝有改良型高鋼性運動式板片夾持器，有效率降低生產的前置準備時間。在隔片座組合結構上，配置油壓可調式背壓組合，以穩定壓著力，使隔片軸有效壓住鋼卷。
10. 成品捲取之自我張力設計能提高捲取緊密度。

型式 Model	鋼板厚度 Steel Sheet Thickness (mm)	鋼板寬度 Steel Sheet Width (mm)	切帶條數 Slit Strands	鋼板圈重量 Coil Weight (Ton Max.)	需要空間 Space Required (m3)	切帶速度 Slitting Speed (Max.)	馬力 Power (HP)
YC-160	0.5~2.0	600~1250	10~25	15	25 x 8 x 2.5	120m/min	220
YC-180	0.5~3.2	600~1250	12~25	15	27 x 8 x 3	120m/min	225
YC-220	1.0~4.0	600~1550	06~25	25	31 x 9 x 3	100m/min	265
YC-250	1.2~6.0	600~1550	04~25	25	31 x 10 x 3	100 m/min	360
YC-280	3.0~9.0	600~1550	04~25	25	34 x 10 x 3	70m/min	650



2. For lower malfunctioning, the material uncoiler uses an expand / shrink hydraulic cylinder that is mounted on an integrated steel frame.

3. The material uncoiler is equipped with a high efficiency disc type brake, its tension is adjusted by the air - pressure loop. Under this circumstance, the time for tension adjustment is reduce, also, the forced monetary braking is occurred thus free from loosen of coil.

4. The pre - loader is equipped with DC Various - Speed motor drive, so that a synchronized speed cooperate to the production line could be governed.

5. Slitting knives are mounted on integrated frame with a separated transmission, that means enhanced rigidity structure of Machine, lower vibration amplitude of knives, and excellent yields could be produced.

6. The datum plane and accuracy of slitting Knives' axes are all to be fabricated within 0.006mm in tolerance, so that makes higher duration of slitting knives and much excellent, accury of outputs of the slitting line.

7. For securing the stability of slitting line during operation, the tension controlled roll - up device with slip differential structure is designed for the waster.

8. The tension pad uses high elastics and resistive carpet as surface materials, so keep the outputs of the Line smoother. In addition, it also equipped a pressure-balance device to keep an even-pressure over the both side of materials that toched with the tightener.

9. The recoiler is equipped with an improved / high rigid holder, that causes reduce of lead time. An hydraulic pressure adjustable back - pressure device is equipped on the separator mechanism, so that a constant hold - pressure could be reached for recoil.

10. Self - tension design enable to retain a better tightness during recoil.

## Features :

1. By means of Programmable Logic Controller (PLC), system performance is based upon the characteristics of various metal sheets, and switch high / low speed operating mode automatically, so as to achieve improved efficiency and reduced maintenance dramatically.

## ▶ 高週波碳鋼管製管機

### H.F.Pipe Making Machine

#### 特色：

本機械本體，擁有堅固、穩定設計，使機器操作中不震動，並使用經研磨過高精密齒輪傳動主軸，有效降低機械的故障率。更重要的機器製造品質保持在一定的水準以上。為了適合各種工作量的需求，我們提供了完整的系列機種，以滿足您的需求。

#### Features :

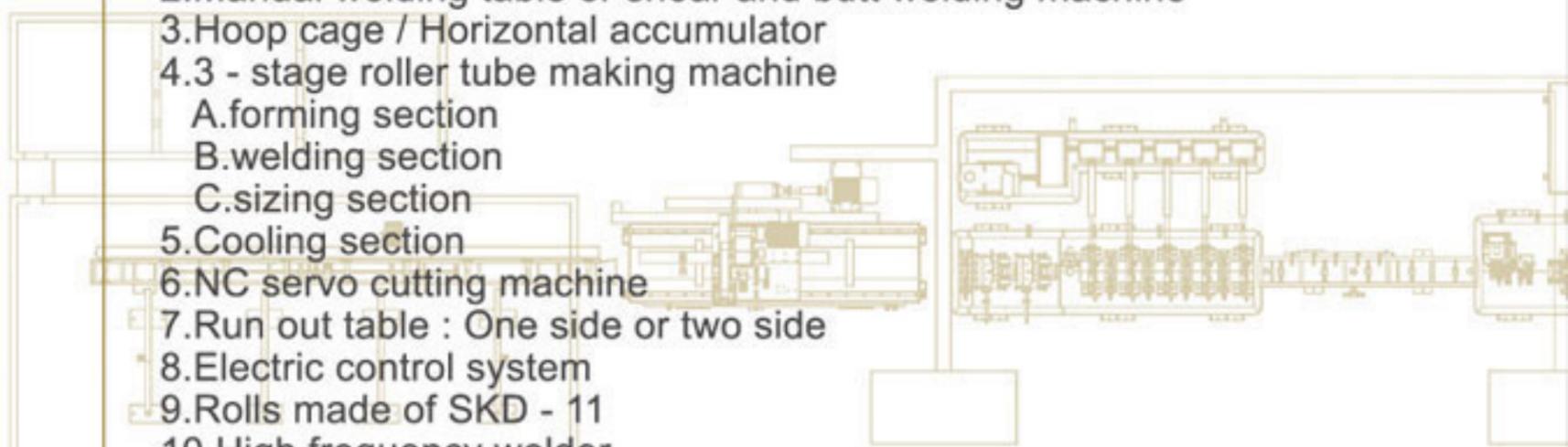
It is devised with solid & rigid , stable under operation , and adopts of ground & high precise gear driving spindle to lower the malfunction of the machine . The most importance is that is always keep products have a standard top quality . In order to meet different working capacity required , we present a complete series machines to satisfy you at free choice .



### High Frequency Pipe Making Machine

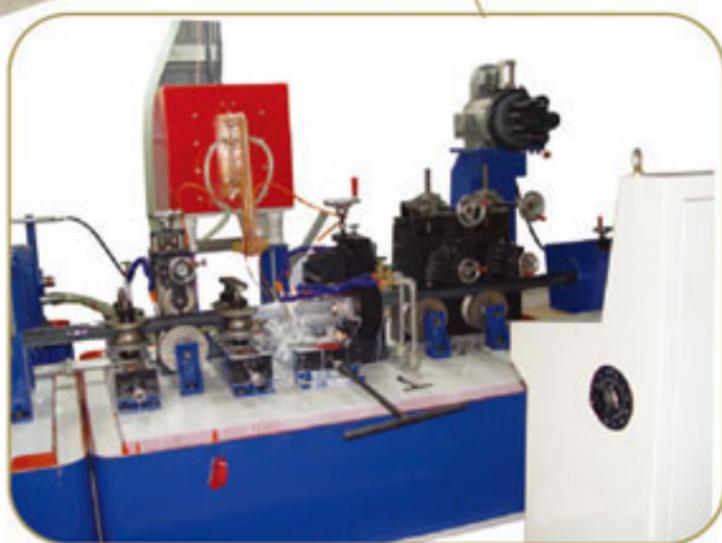
#### Line Up:

- 1.Single side / Double side uncoiler
- 2.Manual welding table or shear and butt welding machine
- 3.Hoop cage / Horizontal accumulator
- 4.3 - stage roller tube making machine
  - A.forming section
  - B.welding section
  - C.sizing section
- 5.Cooling section
- 6.NC servo cutting machine
- 7.Run out table : One side or two side
- 8.Electric control system
- 9.Rolls made of SKD - 11
- 10.High frequency welder



型式 Model	輪軸 Axle (mm)	厚度 Thickness (mm)	圓管直徑 Round tube diameter (mm)	方管 Square Tube	製管速度 Speed (m)	需要空間 Space WxHxL (m3)	功率 Power (kw)
YC-40	40mm	0.4~1.5	φ 9.5~φ 25.4	12x12,20x20	40~120m	3.5x3x38	115
YC-50	50mm	0.5~2.5	φ 12.7~φ 50.8	15x15,30x30	30~100m	3.6x3.2x40	190
YC-60	60mm	0.6~3.0	φ 19.0~φ 63.5	15x15,50x50	30~80m	3.8x3.5x43	260
YC-70	70mm	0.8~4.0	φ 31.8~φ 89.1	25x25,60x60	20~70m	3.9x3.5x45	280
YC-80	80mm	1.2~5.0	φ 38.1~φ 114.3	30x30,90x90	20~60m	4x3.5x48	380
YC-90	90mm	1.5~5.5	φ 50.8~φ 127	40x40,100x100	15~60m	5x3.5x51	430
YC-100	100mm	2.0~6.0	φ 76.2~φ 168.3	60x60,120x120	10~40m	5x3.5x55	460
YC-120	120mm	2.0~7.0	φ 89.1~φ 220	80x80,150x150	10~25m	6x3.5x58	520

本機種以輪軸為單位 This Type Of Machine Counted By The Axle



### 構成：

01. 單/雙邊入料架
02. 手動裁焊機/自動裁焊機
03. 儲料籠(立式/臥式)
04. 三段式模具製管機
  - A. 成型段
  - B. 焊接段
  - C. 整型段
05. 冷卻設備
06. NC伺服切台
07. 出料台:分單邊/雙邊
08. 電控設備
09. 成形SKD-11模具
10. 高週波焊接機

## ▶ 不銹鋼管製管機

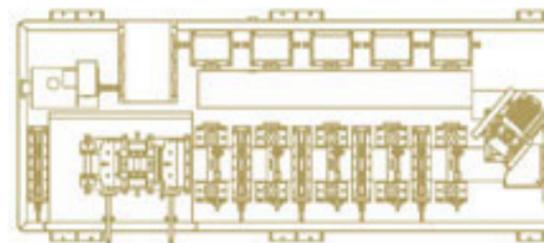
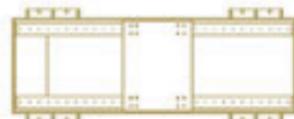
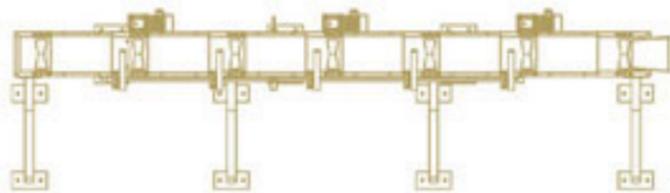
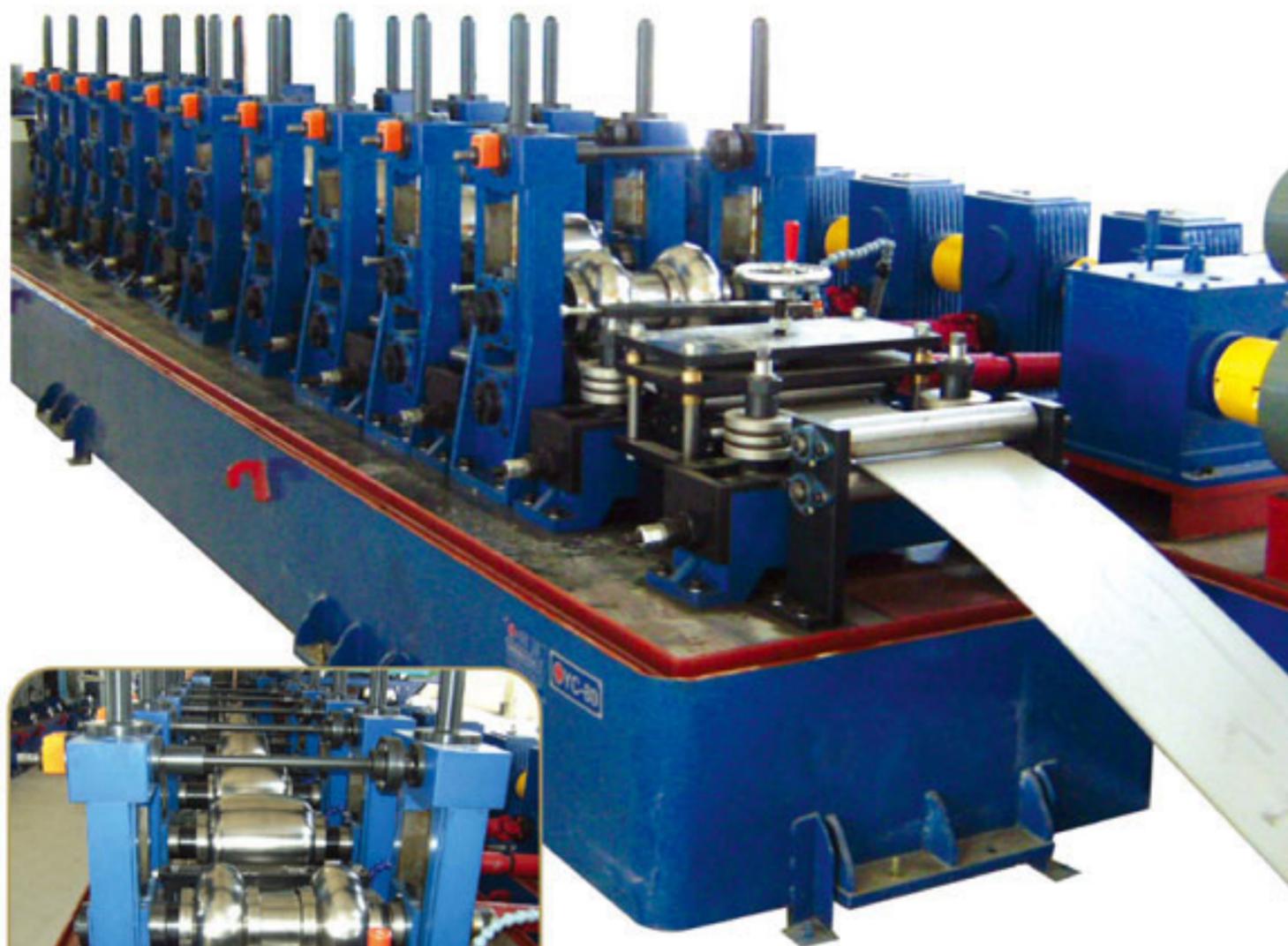
### Stainless Steel Pipe Making Machine

#### 特色：

在機器機體方面，儘量考慮到堅固、穩定，使機器操作中不震動，並使用經研磨過高精密齒輪傳動主軸，有效降低機械的故障率。更重要的機器製造品質保持在一定的水準以上。為了適合各種工作量的需求，我們提供了完整系列機種，以滿足您的需求。

#### Features :

It is devised with solid & rigid, stable under operation, and adopts of ground & high precise gear driving spindle to lower the malfunction of the machine . The most importance is that is always keep products have a standard top quality . In order to meet different working capacity required , we present a complete series machines to satisfy you at free choice .



型式 Model	輪軸 Axle (mm)	厚度 Thickness (mm)	圓管直徑 Round tube diameter (mm)	方管 Square Tube	製管速度 Speed (m)	需要空間 Space WxHxL (m3)	功率 Power (kw)
YC-30	30mm	0.3~0.8	φ 6.5~ φ 19	10x10,15x15	3~7m	2.2x2x18	21
YC-40	40mm	0.4~1.5	φ 9.05~ φ 31.8	15x15,25x25	2.5~7m	2.4x2x20	25
YC-50	50mm	0.6~3.0	φ 12.7~ φ 50.8	19x19,40x40	1.5~6m	2.6x2x22	35
YC-60	60mm	0.8~4.0	φ 19.0~ φ 76.2	25x25,60x60	1.0~5m	2.8x2x23	43
YC-70	70mm	1.2~5.0	φ 25.4~ φ 114.3	30x30,90x90	0.5~4m	3.5x2x25	58
YC-80	80mm	1.5~5.5	φ 38.1~ φ 152.4	40x40,120x120	0.4~3m	4.0x2x28	70
YC-90	90mm	2.0~6.0	φ 50.8~ φ 177.8	50x50,140x140	0.4~3m	4.0x2x32	100
YC-100	100mm	2.5~7.0	φ 76.2~ φ 219	60x60,170x170	0.3~2.5m	5.0x2x35	115
YC-120	120mm	3.0~9.0	φ 127~ φ 318	100x100,250x250	0.3~2m	6.0x2x38	125

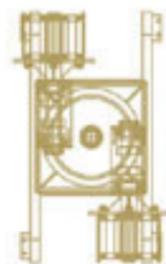
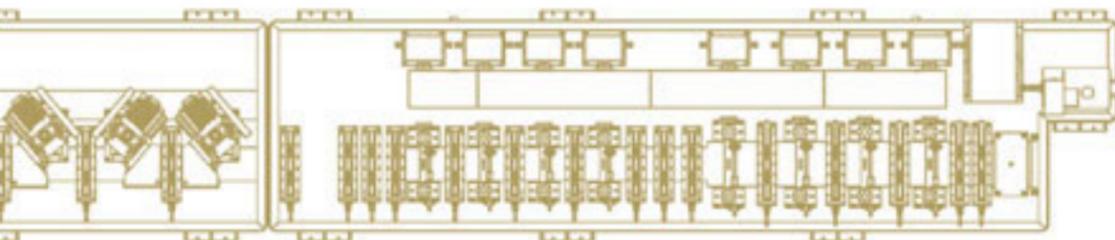
本機種以輪軸為單位 This Type Of Machine Counted By The Axle

### 構成：

01. 單/雙邊入料架
02. 接帶設備：手焊機/  
點焊機/裁切焊接機
03. 三段式模具製管機
  - A. 成型段
  - B. 焊接段
  - C. 整型段
04. 冷卻設備
05. 縫口拋光機
06. 氣缸式行走切斷機
07. 出料台
08. 電控設備
09. 氬弧焊機+冷卻設備/  
等離子焊機+冷卻設備
10. 成形SKD-11模具

### Line Up:

01. Single side / Double side uncoiler
02. Strip butt welding equipment:  
Manual welding table or  
shear and butt welding machine
03. 3 - stage roller tube making machine
  - A.forming section
  - B.welding section
  - C.sizing section
04. Cooling section
05. Weld bead grinder
06. Auto - cut off
07. Run out table
08. Electric control system
09. TIG welding machine + cooling equipment/  
plasma welding machine + cooling equipment
10. rolls made of SKD - 11



## ► 圓管拋光機

### Round Tube Polishing Machine

#### 特色：

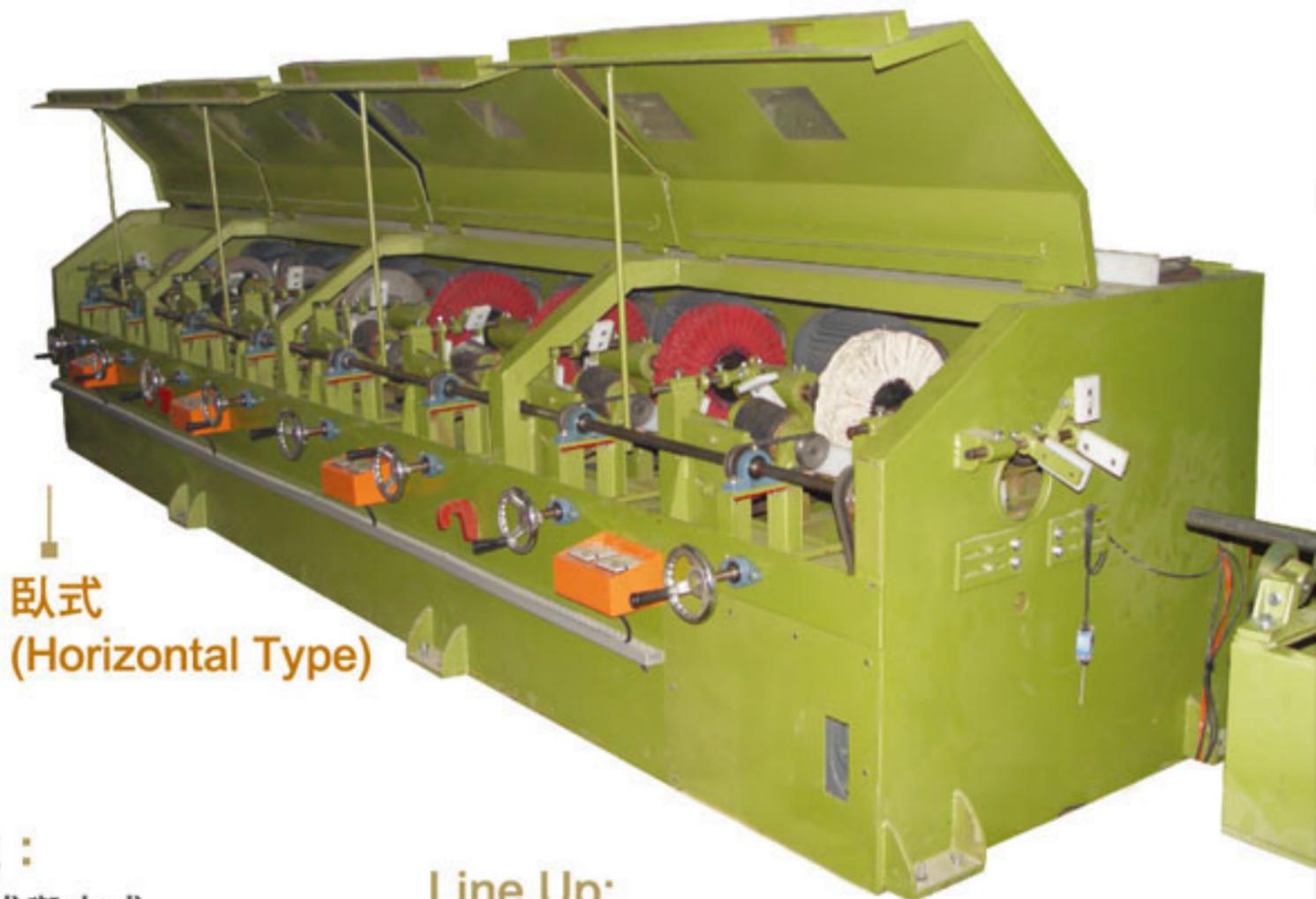
圓管拋光機，操作方便，能讓貴公司作出高品質、高亮度的圓管以符合現今國內外市場之品質要求。

#### Features :

Round polishing machine is easy to operate and will produce top quality of round polish tube at high quality polishing standard in order to meet the overseas / domestic market required .



立式  
(Vertical Type)



臥式  
(Horizontal Type)

#### 構成：

分臥式與立式

01. 前輸送架+備料架
02. 拋光主機設備
03. 後輸送架+置管腳架
04. 電控設備

#### Line Up:

- Horizontal type / Vertical type
01. Forward convey table & stacking racket
  02. 6/8/10/12 Portion of polishing machine
  03. Backward convey table & stacking racket
  04. Electric control system

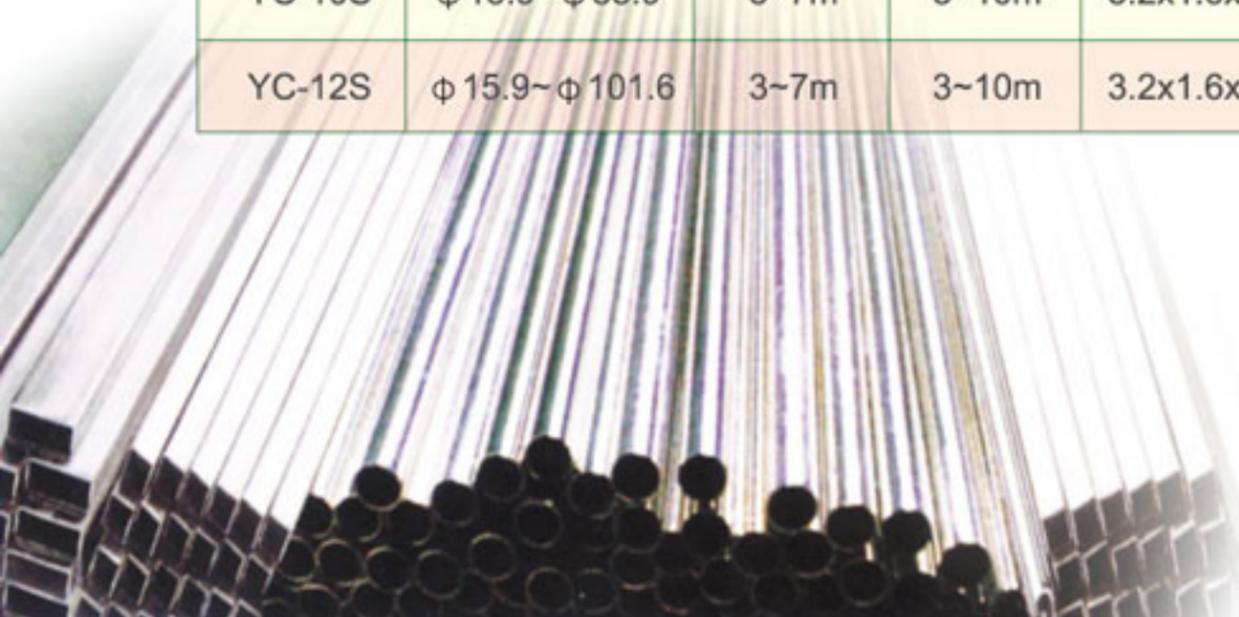
## 立式 For Vertical Type

型式 Model	使用範圍 Size Range (mm)	長度 Length (m)	速度 Speed (m/min)	需要空間 Space Required WxHxL(m3)	功率 Power (kw)	拋光表面 Polished
YC-6L	φ31.8~φ101.6	3~7m	3~10m	3.5x1.8x21	40	400 grit
YC-8L	φ31.8~φ114.3	3~7m	3~10m	3.5x1.8x23	55	400 grit
YC-10L	φ31.8~φ114.3	3~7m	3~10m	3.5x1.8x25	65	600 grit
YC-12L	φ31.8~φ127	3~7m	3~10m	3.5x1.8x27	80	600 grit



## 臥式 For Horizontal Type

型式 Model	使用範圍 Size Range (mm)	長度 Length (m)	速度 Speed (m/min)	需要空間 Space Required WxHxL(m3)	功率 Power (kw)	拋光表面 Polished
YC-6S	φ9.5~φ50.8	3~7m	3~10m	3.2x1.6x19	25	400 grit
YC-8S	φ12.7~φ76.2	3~7m	3~10m	3.2x1.6x21	35	400 grit
YC-10S	φ15.9~φ88.9	3~7m	3~10m	3.2x1.6x22	45	600 grit
YC-12S	φ15.9~φ101.6	3~7m	3~10m	3.2x1.6x23	55	600 grit



## ▶ 方管拋光機

### Square Tube Polishing Machine

方管拋光機，操作方便，能讓貴公司作出高品質、高亮度的方管，達到一定水準以上。為了貴公司產品，我們不斷的研究，增加產品的需求，減少貴公司一切的耗力。

#### Square tube polishing machine with 16 step

#### 4 - Face once operation

Square polishing machine is easy to operate and will produce top quality of square tube at high standard . For your product's quality , we keep on researching for development , thus we design and present this machine with high speed for high for output to save your cost .

型式 Model	使用範圍 Size Range (mm)	長度 Length (m)	速度 Speed (m/min)	需要空間 Space Required WxHxL(m3)	功率 Power (HP)	拋光表面 Polished
YC-16	20x20,100x100	4~6m	3~10m	3 x 1.5 x 20	70	HL
YC-24	25x25,100x100	4~6m	3~10m	3 x 1.5 x 24	100	HL/BA
YC-32	30x30,100x100	4~6m	3~10m	3 x 1.5 x 28	135	HL/BA



#### 構成：

方管拋光機：可分線上線外

01. 前輸送架+備料架
02. 拋光主機設備
03. 後輸送架+置管腳架
04. 電控設備
05. 手動拋光棒/自動噴射拋光液設備

#### Line Up:

Square Tube Polishing Machine : In line & Off line

- 01.Forward convey table & stacking racket
- 02.Polishing machine
- 03.Backward convey table & stacking racket
- 04.Electric control system
- 05.Manual polish stick or automatic spraying the wax apparatus

## ▶ 修端機

### End-Facing Machine

#### 構成：

修端機：分線上/線外

01. 備料架
02. 移管和送管設備
03. 雙頭修端主機設備：  
固定式/單頭移動式
04. 置管腳架
05. 電控設備

#### Line Up:

End-Facing Machine : In line & Off line

01. Stacking racket
02. Convey table
03. Two end - Facing Main Machine:  
Stationary type or one side portable type
04. Finished pipe stacking racket
05. Electric control system



型式 Model	使用規格 Size Range (mm)	長度 Length (m)	速度 Speed (m/min)	需要空間 Space Required WxHxL(m3)	功率 Power (kw)
YC-2	φ 12.7~φ 63.5	5.8~7m	15~10m 8 pcs~12 pcs/Min	4 x 1 x 10	10
YC-3	φ 25.4~φ 114.3	5.8~7m	15~6m 6 pcs~8 pcs/Min	4 x 1 x 10	15

## ▶ 鋼管矯直機

### Straighten Machine

#### 構成：

01. 備料架
02. 矯直設備
03. 置管腳架
04. 電氣控制設備



#### Line Up:

01. Storage table
02. Straighten machine
03. Run - Out Table
04. Electric control system equipment

型式 Model	範圍 Size Range (mm)	矯直長度 Length (m)	速度 Speed (m/min)	需要空間 Space Required WxHxL(m3)	功率 Power (HP)
YC-10	9.5mm~50.8mm	3~7m	20m~40m/min	2 x 1.5 x 16	6
YC-12	50.8mm~114.3mm	3~7m	10m~25m/min	2.2 x 1.5 x 17	7.5

► **花管成型機 . 束管機**

專業提供自行車花鼓整廠製造設備

**Rotary Type Swaging Machine · Tapering Machine**

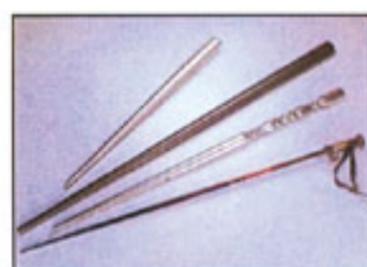
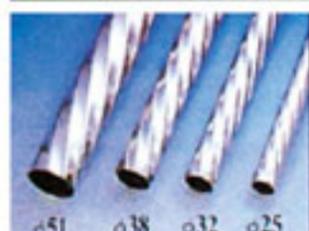
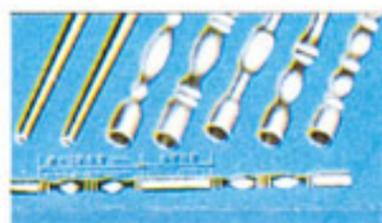
We provide whole - plant equipment for manufacturing bicycle hubs and parts.

**Rotary Type Swaging Machine**

**Multipurpose Decorative Tubes:**

Widely used for stair rails , fences , indoor furnishing , furniture , lamp parts , other industry uses.

**Floral examples:**



**Materials:**

Stainless steel pipe , aluminum alloy pipe , pipe , brass and steel pipe.

**Forming Dimension:**

Diameter:12.7-76.2mm  
Die Length: 300mm

**Special Mail For Various Decorative Tubes Machine**



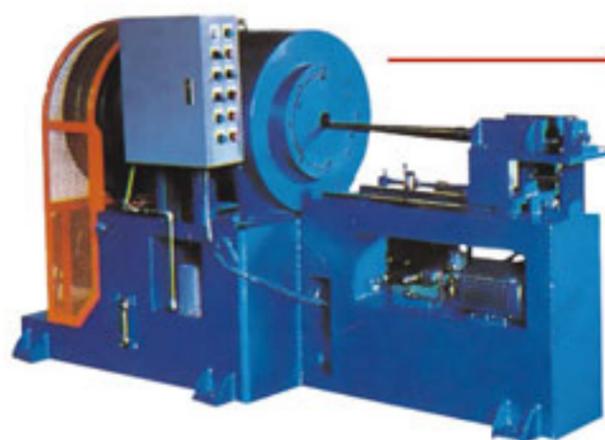
YC-101



YC-301



YC-401



**Tapering Machine**

YC-A210  
Semi-Auto.  
For table and chair leg , skiing shaft , golf shaft etc .  
Max.Size: φ 51 x 1000m/m

花管成型機

研發 / 設計 / 製造

**材料 Material**

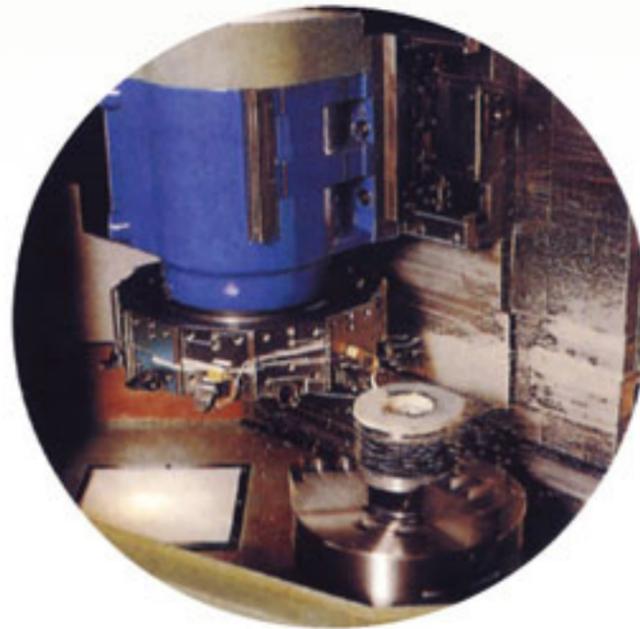
型式 Model	花型 Pattern	範圍 Tube Diameter (mm)	速度 Speed
YC-101	 Round to be square rolling machine	φ 22, φ 25, φ 32, φ 38, φ 51	6 ~ 15 m/min
YC-201	 Hand-cross-rail rolling machine (only for one size)	φ 51, φ 64, φ 76	6 ~ 15 m/min
YC-301	 9-edges twisting machine (thickness under 1.2 mm)	φ 16 ~ φ 76.3	6 ~ 15 m/min
YC-401	 Twisting machine	φ 12 ~ φ 80.8	6 ~ 15 m/min

## ► CNC 模具車削

### CNC Tooling

本公司之輓輪接採用進口材質SKD-11並經嚴謹之熱處理時期硬度保存在60-62HRC具有良好之成形性，讓使用能安心及信賴。

The raw material of roller SKD - 11 which supplied by our company all imported from Japan / European countries . From incoming raw material to the finished products is assured by adopting advanced testing and inspection facilities and practicing total quality control our products are worthy to be reliable.



## ► 渦流探傷機+噴字機

### Eddy Current Tester & Inkjet Printer

構成：

01. 備料架
02. 入料架
03. 渦流探傷檢驗管機
04. 出料架
05. 電控設備
06. 渦流探傷機設備
07. 噴字機設備

Line Up:

01. Stacking racket
02. Forward convey table
03. Eddy current testing machine
04. Run out table
05. Electric control system
06. Eddy current testing equipment
07. Inkjet printer equipment



型式 Model	範圍 Size Range (mm)	圓管直徑 Round tube diameter (mm)	速度 Speed (m/min)	需要空間 Space Required WxHxL(m3)	功率 Power (km)
YC-50-EC-LAB	50mm	21.34~50.8mm	4~15m/Min	3 x 2 x 16	5
YC-60-EC-LAB	60mm	21.34~114.3mm	3~15m/Min	3 x 2 x 18	7

## ▶ 迷你分條機

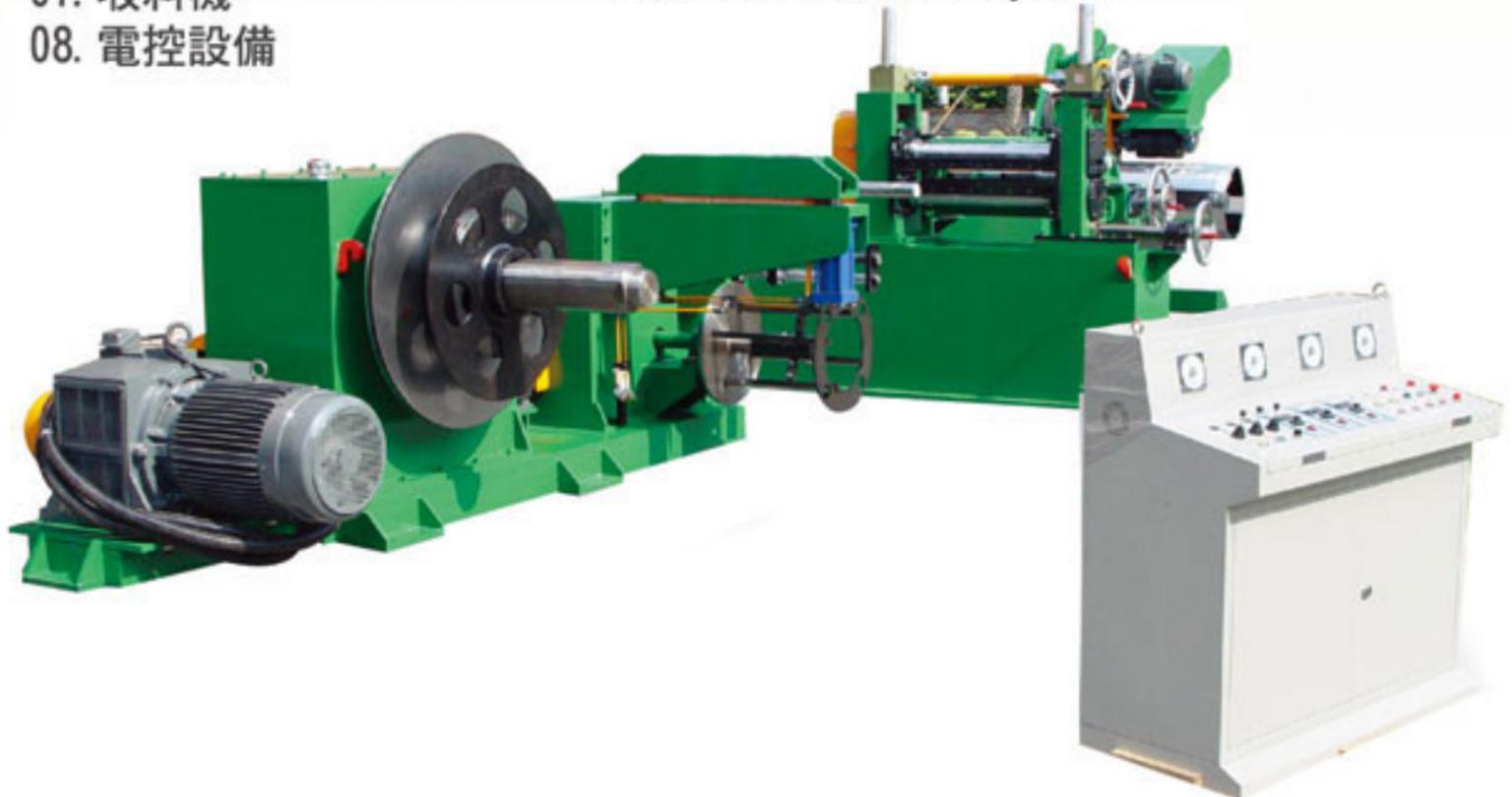
### Mini Slitting Line

#### 構成：

01. 單邊入料架
02. 整平+裁剪機
03. 導直機
04. 單刀座
05. 過料桌及廢料捲收
06. 分隔壓料機
07. 收料機
08. 電控設備

#### Line Up:

01. Single side uncoiler
02. Leveling + Shearing Stand
03. Side guide stand
04. Single slitting knife stand
05. Loop bridge and scrap winder
06. Tension pad stand
07. Recoiler
08. Electric control system



型式 Model	鋼板厚度 Steel Sheet Thickness (mm)	鋼板寬度 Steel Sheet Width (mm)	切帶條數 Slit Strands	鋼板圈重量 Coil Weight (Ton Max.)	需要空間 Space Required (m3)	切帶速度 Slitting Speed (Max.)	馬力 Power (HP)
YC-120	0.5~2.0	200~650	4~20	5	11 x 4 x 2	100m/min	65

## ▶ 水壓試驗機

### Hydrostatic Test Machine

#### 構成：

01. 入料架
02. 水壓試驗主機
03. 出料架
04. 電控設備

#### Line Up:

01. Forward convey table
02. Hydrostatic test machine
03. Run out table
04. Electric control system



## ▶ 鋸片研磨機

### Saw Blade Grinding Machine

■ 所有的調整桿都經過精心的排列，輕鬆調整切削角、背隙角、齒深及齒距，研磨出快而精確的鋒利鋸片。

■ SG-1採無段變速皮帶輪，可隨齒距的變化來調整所需速度。

■ 砂輪頭可以上下擺動，無須更換砂輪即可輕鬆研磨出倒角。

■ 鋸片厚度變化可容易調整，可依據量表調整所需標準厚度。

■ 進給爪的末端有超硬化鎢，可使進給爪的磨損降至最低，

以達到精確的進給。



■ All regulating levers are ranged in good order , easily and quickly adjusting the cutting angel , back gap angel , gear depth and tooth pitch, grinding the saw blade sharply and precisely .

■ The stepless speed change belt disc of the SG - 1 can adjust the angel in keeping with the change of the tooth pitch .

■ The head of the grinding wheel moves up and down to grind the bevel edge without the replacement of the grinding wheel.

■ The thickness of the saw blade can be easily adjusted by the aids of the gauge . The SG - 1 is handled by an elevation difference controlled button , which can grind the tooth with different elevation ; and there's SG - 2 at your option .

■ The end of the feeding jaw is made of superhard carbonized tungsten , reducing the worn out effect and securing precise feeding .

## ▶ 鋼管規格表

### Specification for Steel Tubes

#### 長方管 Stainless steel square tubes

管 徑 Outside Diameter	13X26	15X30	20X40	25X50	26X52	30X60	40X80	45X75	45X95
-------------------------	-------	-------	-------	-------	-------	-------	-------	-------	-------

#### 方形管 Stainless steel square tubes

管 徑 Outside Diameter	100.0 X100.0	90.0 X90.0	80.0 X80.0	70.0 X70.0	60.0 X60.0	50.8 X50.8	40.0 X40.0	38.0 X38.0	30.0 X30.0	25.0 X25.0	18.0 X18.0	15.0 X15.0	12.0 X12.0
-------------------------	-----------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

#### 構造管 Construction tubes

管 徑 Outside Diameter	9.5	12.7	15.9	19	22.2	25.4	31.8	38.1	50.8	63.5
-------------------------	-----	------	------	----	------	------	------	------	------	------

#### 配管用鋼管 JISG3459 Stainless steel pipes

管 徑 Outside Diameter	318.5	267.4	216.3	165.2	139.8	114.3	101.6	89.1	76.3	60.5	48.6	42.7	34.0	27.2	21.7	17.3	13.8	10.5
-------------------------	-------	-------	-------	-------	-------	-------	-------	------	------	------	------	------	------	------	------	------	------	------

#### 配管用不鏽鋼管 ASTM312 welded austenitic Stainless steel pipes

管 徑 Outside Diameter	323.85	273.05	219.08	168.28	141.30	101.60	88.90	73.03	60.33	48.26	42.16	33.40	26.67	21.34	17.15	13.72	10.29
-------------------------	--------	--------	--------	--------	--------	--------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

<http://www.yangchen-steel.com.tw>  
<http://www.allproducts.com/machine/yangchen>



**彰機鋼鐵機械股份有限公司**

**YANG CHEN STEEL MACHINERY CO., LTD.**

512 彰化縣永靖鄉新莊村永社路70巷19號

No.19 Lane 70 Yungshe Rd., Hsing-Chung Village,

Yung Chin Hsiang Chung Hua, Taiwan

TEL:886-4-8224850 .8224845/FAX:886-4-8232882

e-mail:yc.steel@msa.hinet.net

