

# CNC TUBE BENDER

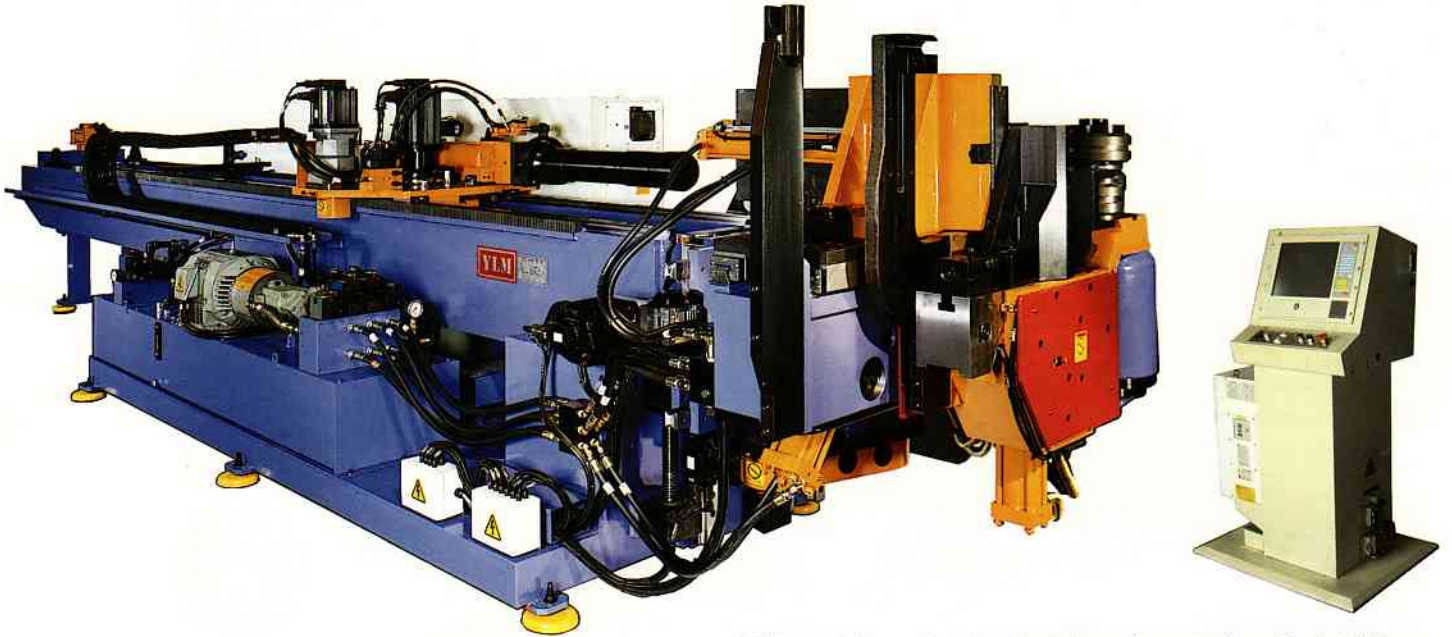
ISO-9001 認證 (CE MARK 安全標誌)

Your Leading Machine Of

**YLM**

**CNC-90-6A**  
Fully Auto Tube Bender

- Draw+Push-Bending 拉彎+推彎功能
- 4/5Axes Servo-Motor controlled 4軸以上伺服馬達精密控制
- 3D Simulation of Bending Process and application 3D動畫虛擬功能 (彎管+工件預視)



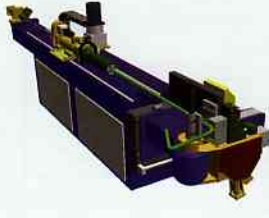
**最適合用於**

鍋爐、造船、大型運輸車輛、化工電廠、柴油引擎等較厚之管件、汽車煞車、供油管路、空調管路、電熱器等管路加工、汽機車排氣管、車架、車把、座椅、運動器材、傢俱、建築、航空。

Suitable Industries: Boiler, Shipbuilding, Heavy Transportation, Chemical Engineering, Power Plant, Diesel Engine, Brake & Fuel Piping, Air Conditioner Piping, Piping, Exhaust Pipes, Car Frame, Car Seat, Handle Bar, Exercise Equipment, Tubular Furniture, Architecture, Aircraft.



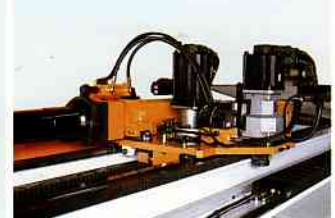
應用工件 Application



彎管虛擬3D Simulation



機台強固堅穩 (附推彎功能)  
Rigid Machine Construction  
With Push-Bending Feature



伺服強力輔推 (專利技術)  
Servo Controlled Strong  
POB Boost (Patented)

實用品質 + 合理價格 + 即時服務 = 穎霖彎管機

Quality+Price+Service= **YLM** Tube Bender

台灣彎管機領導品牌

THE NO1. BRAND FOR BENDERS IN TAIWAN

# CNC-90 MSRSM POWERFUL BOOSTER BENDER SPECIFICATION (強力輔推) 6-Axes servo motor controlled model (6軸控制)

## 機台、規格、能力

Specification 規格說明:		何服進彎			
型號MODEL NO.		90S1	90S2	90MS	90MS-BS
規格SPECIFICATION					
Max. Tube o.d. Bending Capacity 最大彎曲管徑(mm)		φ 90			
Max. Tube Wall Thickness 最大管壁厚度(mm)		3.0			
CLR 中心線半徑範圍 (可加長) (mm)		250			
Max. Bending Radius Difference 多層模半徑差S1-S2-S3 (mm)		90	90	90	
Max. Bending Angle 最大彎曲角度(°)		190			
Max. Mandrel working Distance 最大穿心有效距離 (可加長) (mm)		2500			
加工速度 Manufacture Speed	Tube Feeding Speed 送料速度(mm/sec)	600		800	
	Tube Rotation Speed 轉管速度(°/sec)	180			
	Tube Bending Speed 彎曲速度(°/sec)	60			
重現精度 Represent ability	Tube Feeding Precision 送料精度(mm)	±0.1			
	Tube Rotation Precision 轉管精度(°)	±0.1			
	Tube Bending Precision 彎曲精度(°)	±0.1			
Hydraulic Motor 油壓馬達 (kw)		15			
Total Motor Power 總馬力 (kw)	Draw-bending 一般機種	35	38	48	
	Push-bending 推彎機種	36.5	39.5	48	
Power-up Booster 送料推力增強(3tons)		38.5	41.5		
Oil Tank Capacity 油箱容量(L)		420			
Overall Weight 機台重量(kgs)		6500	7000	7000	8000
Machine Length 機械長度(mm)		6100			
Machine Width 寬度(mm)		2100			
Machine Height 機械高度(mm)		1650			
Operating Height 操作高度(mm)		1250			

## 模具介紹



直徑模 (拉彎)  
(Bending Die/Draw Bending)

導模 (Pressure Die)



導模 (拉彎)  
(Pressure Die/Draw Bending)



夾模 (拉彎)  
(Clamp Die/Draw Bending)



束頭 (Tube Collet)



子彈通蕊 (Bullet Mandrel)



後導模 (Wiper Die)

全自動電腦控制  
(Fully auto model)

**CNC-90-6A**

CNC控制軸數  
(CNC controlled Axis)

最大彎管徑  
(Max tube O.D capacity)

標準模具 Standard Tooling	模具選配 Optional Tooling	機械選項功能 Optional Function
直徑模一個 Bending Die x1	後導模 Wiper Die	推彎功能 Push Bending
導模一個 Pressure Die x1	通蕊 (工件需求) Mandrel	3D彎管干涉模擬功能 3D Simulation of Bending Process
夾模一個 Clamp Die x1	通蕊桿 (特別規格) Mandrel Rod (Special)	3D模擬功能 3D Simulation of Tube Application
束頭一組 Tube Collet x1		打孔功能 Hole Punching
通蕊桿 (標準) Mandrel rod (standard)		拆模功能 Split Die Device



**dm DELAHENTY MACHINERY PTY. LTD.**  
Machine Tool Merchants

14 Parkhurst Drive Knoxfield Victoria Australia 3180  
Tel: (03) 9800 1544 Fax: (03) 9800 1344  
www.delahenty.com.au

**穎霖機械工業股份有限公司**

廠址：台南縣永康工業區環工路46號

電話：886-6-2335281.2335288.2335271 傳真：886-6-2335291.2335341

**YING LIN MACHINE INDUSTRIAL CO., LTD.**

No.46, Hwan-Gong Rd., Yung-Kang Industrial District,  
Tainan Hsien Taiwan, R.O.C.

Direct Line to Export Dept. Tel:886-6-2335301 Fax:886-6-2335341

E-mail:sales@ylm.com.tw ylm.com@msa.hinet.net Internet:http://www.ylm.com.tw

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The above machine specification is subject to change without previous notice due to the continuous improvement of R&D.