

CNC

HC-500LRS-NSM

全電左右旋轉彎管機

All-Electric Left & Right Spin Tube Bender



全電氣伺服控制(11軸) / All Electric-Servo Control(11 Axes)

在編輯彎管流程上具高操控性。

Highly programmable bending sequence can be driven through all-electric servo with 11 axes.

左旋、右旋進彎，一次完成對稱型工件 / Right-hand & Left-hand Bending in "One" process

可精準的一次加工完成需左、右彎的刁鑽對稱工件。

Complex parts including right & left direction bending can be achieved during 1 process with highly precise performance.

模具自動定位功能 / Auto Tooling Positioning Function

夾模導模採扭矩自動定位。

Clamp/Pressure die are positioned automatically via smart torque control.

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低噪音
Low Noise



低污染
Low Pollution



高精度
High Accuracy



運作異常部位顯示
Abnormal Section
Notification



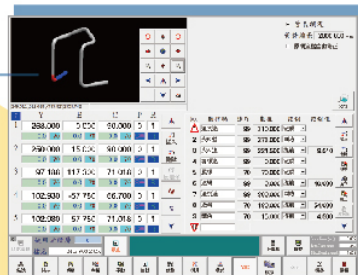
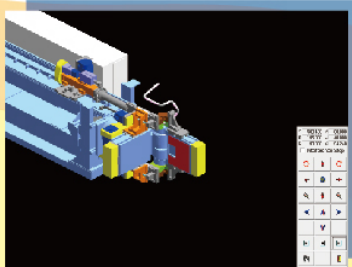
無油溫問題
oil temperature
effect free

■ 規格 / Specification

最大管徑*厚度(鐵管) / Max. O.D*W.T(Mild Steel)	Ø50.8*2.5t
最大彎曲半徑 / Max. CLR	200 mm
標準通蕊距離 / Standard Mandrel Length	2500 mm
最大彎曲角度 / Max. Bending Angle Range	190°
電氣伺服速度 / Electric-Servo Speed	送料 / Feeding (mm/sec) : 1000 mm 轉角 / Rotation(degree/sec) : 200° 進彎 / Bending(degree/sec) : 110°
電氣伺服精度 / Electric-Servo Accuracy	送料 / Feeding (mm) : 0.05 mm 轉角 / Rotation(degree) : 0.05° 進彎 / Bending (degree) : 0.05°
最大R差 / Max. Radius Difference	60 mm
總馬力 / Horse Power	55.1 hp
機台尺寸 / Dimension	5200*1600*1900 mm
機台重量 / Weight	5000 kgs

■ PC-Based 控制 / PC-Based Control

彎管模擬 / 3D Simulation



■ sBend 軟體(瀚捷研發) / sBend Software (HJ Development)

1. 工件參數設定快速：上傳.dxf / .step檔自動轉換Y.B.C
Fast Workpiece Parameter Acquisition :
.dxf / .step files can be converted to Y.B.C data.
2. 3D管件預視：編輯Y.B.C參數時，立即顯示管件成形狀態
3D Workpiece Preview :
Read-time 3D workpiece preview is acquired while Y.B.C data is programming.
3. 3D彎管模擬：提前瀏覽彎管流程，提高生產效能
3D Bending Simulation :
Workpiece bending process can be previewed and verified in advance to prevent the waste.

■ 安全防護 / Safety Protection

1. 防呆功能 / Fool-proof Function :
錯誤操作提示，避免參數及操作輸入錯誤造成機台碰撞。
Improper operation notification to prevent the machine from the damage.
2. 多處安全板防護 / Comprehensive Safety Mechanisms :
感應開關設於危險區域，防止人員傷害。
Proximity sensors and safety plates are set around the machine working zone to keep workers safe.