



#### DTPS 微電腦觸控式超音波電箱

- 焊接模式：時間、能量、相對行程、絕對行程、參考行程
- 參數記憶：可儲存100組設定
- 觸感起振：時間控制、壓力控制
- 焊接歷史：可記憶最後90組

#### DTPS PLC+touch type HMI ultrasonic generator

- Welding mode: Time, Energy, Travel Diff., Travel Absolute, Travel Ref.
- Max. Dataset: 100 sets
- Trigger: Timer or Pressure
- Welding result: Max. last 90 welding

# LEB-20 Standard

LEB-20 Standard系列適用於大面積熱塑性塑膠之焊接  
The ultrasonic welding machine LEB-20 series is suitable for welding operations of thermoplastic parts from medium to large size

- 可加裝在特殊使用用途的機器上
- 立柱使用鳩尾槽設計，下壓回升機械不偏移
- 可選購行程測量套件，精密度 $\pm 0.01\text{mm}$
- 可選購壓力觸感起振套件，數位化控制
- 可選購與PC連線套件，儲存焊接資料，方便日後追蹤
- 可檢視機身各開關功能
- 可選擇符合CE規範的操作模式

- Suitable for the assembly into special purpose machines or automation
- Dove-tail main column, no deflection during stroke movement
- Optional travel measurement unit with accuracy  $\pm 0.01\text{mm}$
- Optional pressure trigger unit and digital controller
- Optional PC communication device for storing welding data for tracking
- Special program to check all switches on the press
- CE operating mode is available



易拆卸之震動子擴大錐座，僅需一只扳手即可輕易更換焊頭

Easy tool changing, only need one wrench for replacement



可控制氣缸行程旋鈕，每轉一圈為1mm，精密度達0.01mm

Vernier screw for controlling the travel. Accuracy: 0.01mm



四點式底座設計，配備有調整螺絲，可快速調整底模水平

4-corner base with screws for horizontal adjustment.



精密耐高荷重Roller滑軌，下降焊接不晃動

Heavy-loading roller rail, no deflection during downward stroke

## Specification LEB-20 Standard

超音波頻率 Operating Frequency	20KHZ
開關 Switches	雙手起動，緊急停止按鈕位於底座前方 Two-hand start with EMERGENCY STOP at front
驅動氣缸 Drive type	雙動式氣缸， $\varnothing 80\text{mm}$ Pneumatic double acting air cylinder $\varnothing 80\text{ mm}$
空壓力需求 Drive energy	最大7 bar，正常6 bar， 最大耗氣量：每次下壓約消耗8 lt.n (6 bar時) Compressed air supply: 7 bar maximum, 6 bar nominal Max. consumption at 6 bar: approx. 8 lt.n/ stroke
最大下壓力 Max. force	3000N (空氣壓力6 bar時) 3000N at 6 bar compressed air
可調整行程 Stroke range	20~100 mm，不需調整機身高度。可微調，精密度0.01mm 20~100mm. No need to adjust press height. Accuracy: 0.01mm
重量(含電箱) Weight with generator	125 kg
焊頭至立柱中心距離 Throat depth	220 mm
機身可調高度範圍 Height adjustment	280 mm
搭配電箱 Generator	Cobra XL20: Viper XL 20: Anaconda 20: DTPS 20:
	1000W/ 1500W /2000W/ 3000W



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