



**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-35 Standard

LEB-35 Standard系列適用於小面積熱塑性塑膠之焊接  
The ultrasonic welding machine LEB-35 Standard is suitable for welding operations of thermoplastic parts of small 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，僅需一只板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.

## Specification LEB-35 standard

|                                  |                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 超音波頻率<br>Operating Frequency     | 35KHZ                                                                                                                                                            |
| 開關<br>Switches                   | 雙手起動，緊急停止按鈕位於底座前方<br>Two-hand start with EMERGENCY STOP at front                                                                                                 |
| 驅動氣缸<br>Drive type               | 雙動式氣缸， $\varnothing 40\text{mm}$<br>Pneumatic double acting air cylinder $\varnothing 40\text{ mm}$                                                              |
| 空壓力需求<br>Drive energy            | 最大7 bar，正常6 bar，<br>最大耗氣量：每次下壓約消耗2.5 lt.n (6 bar時)<br>Compressed air supply: 7 bar maximum, 6 bar nominal<br>Max. consumption at 6 bar: approx. 2.5 lt.n/ stroke |
| 最大下壓力<br>Max. force              | 745N (空氣壓力6 bar時)<br>745N at 6 bar compressed air                                                                                                                |
| 可調整行程<br>Stroke range            | 20~100 mm，不需調整機身高度。可微調，精密度0.01mm<br>20~100mm. No need to adjust press height. Accuracy: 0.01mm                                                                   |
| 重量(含電箱)<br>Weight with generator | 40 kg                                                                                                                                                            |
| 焊頭至立柱中心距離<br>Throat depth        | 170 mm                                                                                                                                                           |
| 機身可調高度範圍<br>Height adjustment    | 180 mm                                                                                                                                                           |
| 搭配電箱<br>Generator                | Cobra XL35:<br>Viper XL 35:<br>Anaconda 35:<br>DTPS 35:                                                                                                          |
|                                  | 600W/ 900W                                                                                                                                                       |



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