



Presentation image. Final colour may vary.

Ref. HE-D117

Portable 120,000 μ F aluminium dent repair unit

Capacitor-discharge welder for M4 to M6 aluminium studs, 120,000 μ F, welds in 3 ms.

Unit dedicated to straightening aluminium body panels: it welds M4, M5 and M6 studs to pull out dips and dents on doors and bonnets, with no stripping. The 120,000 μ F capacitor discharge makes the weld in 3 milliseconds. The torch switches from automatic mode (welds on contact with the panel) to manual mode (press the button), and the voltage is adjustable from 60 to 90 V. The all-copper transformer and double-shielded torch ensure the stud is firmly attached.

Technical specifications

Supply voltage	220 V – 50/60 Hz
Capacitance	120,000 μ F
Stud diameter	M4 to M6
Fuse	10 A
Max. secondary short-circuit current	9,000 A
Weld time	3 ms
Adjustable voltage	60 to 90 V
Firing mode	Automatic / manual
Panels worked	Aluminium
Format	Portable

Key features

- 120,000 μ F capacitor discharge
- Welds in 3 ms
- M4, M5 and M6 studs
- Torch switchable between automatic and manual
- Voltage adjustable from 60 to 90 V
- All-copper transformer
- Studs hold beyond 45° of bending without coming off
- Torch force applied in line with the weld spot: easier vertical welding on complex shapes
- Double-insulated torch to prevent stray arcing

How to use

- Dent repair on aluminium body panels
- Pulling dips on aluminium doors and bonnets
- Stud welding on complex body areas

Packaging and delivery

Version	Reference
Single model	HE-D117

Package dimensions : 37 × 23 × 26 cm + 78 × 38 × 14 cm (2 packages) · Package weight : 19.5 kg

What's in the box

- Double-support pulling bridge ×1
- Stud chucks ×3
- Cleaning discs ×2
- 50 cm metal rule ×1
- 6-hook pulling claw ×1
- Accessory case ×1
- Stud pulling rings ×18
- Scriber ×1
- Hook stud puller ×1
- Hammer ×1
- Aluminium studs ×300

This product is available from Humming distributors. Find the one nearest to you.