



Presentation image. Final colour may vary.

Ref. HE-D118

Trolley-mounted 120,000 μ F aluminium dent repair station

Capacitor-discharge welding of M4 to M6 aluminium studs, on a trolley, with full pulling equipment.

Station dedicated to straightening aluminium body panels: it welds M4, M5 and M6 studs by capacitor discharge (120,000 μ F) to pull out dents and dings on doors, bonnets or wings, without stripping the paint. The weld is made in 3 ms. The torch works automatically on contact with the panel or manually from the trigger, and the voltage is adjustable from 60 to 90 V. Supplied on a compact or upright trolley, with pulling bridge, heat gun and consumables.

Technical specifications

Capacitance	120,000 μ F
Supply voltage	220 V – 50/60 Hz
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
Modes	Automatic (on contact) / manual (trigger)
Panels worked	Aluminium
Format	On trolley (height 88 cm or 127 cm depending on version)

Key features

- 120,000 μ F capacitor discharge, welds in 3 ms
- Microprocessor control, automatic or manual mode
- Contact-firing torch: force applied along the stud axis, handy on complex shapes
- Double-shielded torch to prevent stray arcing
- Charging voltage adjustable from 60 to 90 V
- All-copper toroidal transformer
- Studs hold beyond 45° without tearing out

How to use

- Dent repair on aluminium panels (doors, bonnets...) without stripping the paint
- Pulling dents and dings with welded M4 to M6 studs

Packaging and delivery

Version	Reference
Compact trolley (height 88 cm, 56 × 39 cm)	HE-D118-A Package 53 × 41 × 59 cm + 87 × 41 × 4 cm, 33.5 kg

Version	Reference
Upright trolley (127 × 52 × 37 cm)	HE-D118-B Package 50.5 × 31.5 × 81 cm, 34 kg

Package dimensions : Compact trolley: 53 × 41 × 59 cm + 87 × 41 × 4 cm; upright trolley: 50.5 × 31.5 × 81 cm · Package weight : 33.5 kg (compact trolley) / 34 kg (upright trolley)

What's in the box

- Double-support pulling bridge ×1
- Heat gun ×1
- 6-hook pulling claw ×1
- Accessory case ×1
- Cleaning discs ×2
- Hook stud puller ×1
- Blade holder (aluminium blade not included) ×1
- Serrated blade ×1
- Stud pulling rings ×18
- Aluminium studs ×300
- Scriber ×1
- 50 cm metal rule ×1
- Hammer ×1
- Stud chucks ×3

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

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