

COMPUSPOT 800HF

Heavy Duty Spot Welder - Liquid Cooled

Approved and recommended by:
Mercedes-Benz, Maybach, Smart, Peugeot,
Citroën, Renault, Ford, VAG D'leferen, GM,
Porsche, Daimler Chrysler, Toyota, Honda.

Maximum 14,000 amps output power at the
tips maintained by automatic power compensation.

Liquid cooling system.

Clamping force of over 550daN at 7 bar
(1,240lbf at 100psi).

Advanced Inverter technology.

Digitally controlled programmable
weld settings for producing
factory quality welds.

Multi-language display and
instructions.

Backlite LCD display for
programmable selection.

EMF shielded cables optional
(Meets and exceeds all European
Directive 2004/40/CE electromagnetic
radiation requirements).

This machine has been designed
and built with the cooperation of car
manufacturers to meet the requirements
for repairing UltraLight and Advanced
High Strength Steels including Boron alloys.



State of the art technology at your finger tips

COMPUSPOT 800HF

Power in action...

Dual Action Trigger Switch for Weld Pressure and Current

1. The 1st stage closes the clamp and allows precise positioning
2. The 2nd stage activates the weld current

Positioning Ring

Cooling Pipe

Welding Caps

Arm

Increased Jaw Opening



Maximum Maneuverability with:
Clamp and cable support;
Wide range of positions;
Easy access to the workpiece

Control panel display



Example display:

550daN [C] 100%
14000A 250ms

Tip pressure confirmation: 550daN
Power setting: 14,000A
Weld time selection: 250ms
Percentage of power selected: 100%

Easy to operate with:

- 6 Pre-programmed tool selections
- 4 Memory slots
- LCD display
- Language selection keypad
- Arrows for quick adjustment of power and weld time
- Separate switches for disabling power and/or the cooling system
- On board system diagnostics

Technical information

Nominal input power:

208-230V / 3-Phase 80A Slow blow	380-415V / 3-Phase 32A Slow blow	440-480V / 3-Phase 40A Slow blow
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Secondary short-circuit maximum current (RMS)..... **14,000A**

Frequency..... **50Hz / 60Hz**

Welding frequency..... **2,000Hz**

Welding cable length..... **2,5m (8')**

Cooling system (cable, arms and cap)..... **Liquid**


Nominal operating temperature..... **30°C (86°F)**

Tip pressure at 7bar (100psi)..... **550 daN(1240lbf)** with 120 mm arms set

Clamp weight (without arms)..... **7kg (15lb)**

Weight..... **195kg (430lb)**

Accessories


 120mm Straight arms set
(04PS8012)

 330mm 1/2 Offset arms set
(04PS8033)


 330mm 1/2 Offset arm
(04PS8032)

 330mm Dog noze arms set
(04PS8034)

 470mm Straight arms set
(04PS8047)

 230mm Crocodile type arms set
(04PS8021)

 470mm Full Offset arms set
(04PS8041) - **Optional**

 Fender electrodes set
(04PS8822)

Complete single side welding and dent pulling package included

