



Canada Auto Solutions Inc.

# COMPUSPOT 800

HEAVY DUTY SPOT WELDER LIQUID COOLED

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

**AMH**<sup>®</sup>

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 800

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

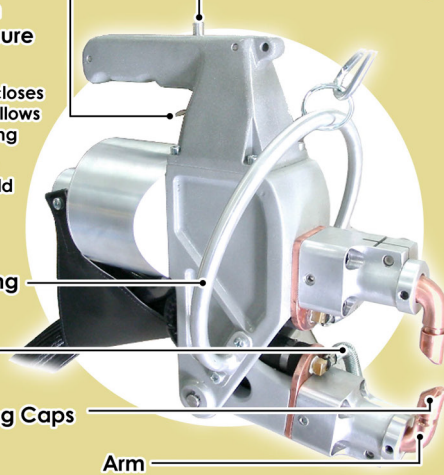
## Positioning Ring

## 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	380-415V / 3-Phase	440-480V / 3-Phase
80A Slow blow	32A Slow blow	40A Slow blow

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(1240lb) with 120 mm arms set
Clamp weight (without arms).....	7kg (15lb)
Weight.....	195kg (430lb)

## Accessories



120mm Straight arms set  
(04.PS.80.12)



330mm 1/2 Offset arms set  
(04.PS.80.33)



330mm 1/2 Offset arm  
(04.PS.80.32)



330mm Dog nozzle arms set  
(04.PS.80.34)



470mm Straight arms set  
(04.PS.80.47)



230mm Crocodile type arms set  
(04.PS.80.21)



470mm Full Offset arms set  
(04.PS.80.41) - **Optional**



Fender electrodes set  
(04.PS.88.22)

Complete single side welding and dent pulling package included



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Tech Support  
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