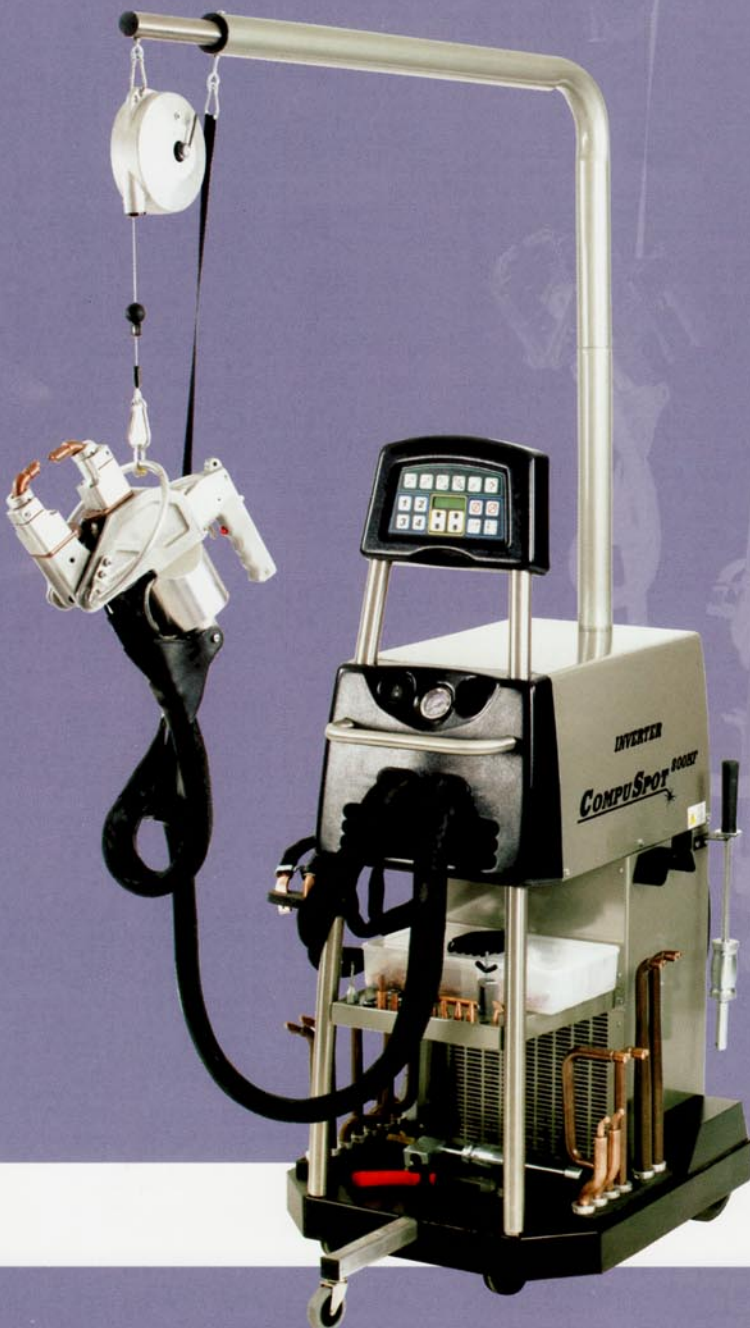


CompuSpot 800 HF



BLACKLINE
IMPORTS & EXPORTS

Technology Highlights

AMH® Canada Ltd has developed welding machines capable of producing unequalled performances by following these strategies:

Using Adapted Power Components

The loss of power produced by the electrical components in the welder is reduced to its minimum in order to minimize current need.

Integrating A New Power Transformer Design

The power transformer is the component that contributes the most to the performance of spot welders. AMH® has designed it such as to minimize losses of energy due to electrical resistance and induction.

Generating Electrical Impulses With Controlled Power Curve Slopes

This allows:

- To minimize the expulsion of material during fusion by gradually heating the metal.
- To eliminate excessive startup currents which can cause the circuit breakers of the electrical lines to open prematurely.
- To eliminate the mechanical stress generated by the electromagnetic forces on all the components of the secondary circuit of the power transformer. To increase the electronic power components life while minimizing their heating to allow better performance.

Added Features

AMH® has integrated new features to its top of the line inverter spot welding machines:

Direct Input Of Welding Current - The desired welding current (AMPS) can be specified directly via the control panel.

Automated Real Time Control Of Current - The real time control of current is always active and carries out an automatic adjusting on order to keep the output current constant.

Open Circuit Protection - Before welding, the open circuit protection detects all bad contacts between the electrodes, which can cause undesired electrical arcing.

Input Voltage Drop Detection - An integrated line drop detection circuit verifies the input voltage levels in order to guarantee the adequate operation of the welding machine. This feature protects the unit when it is used on an inappropriate electrical network.

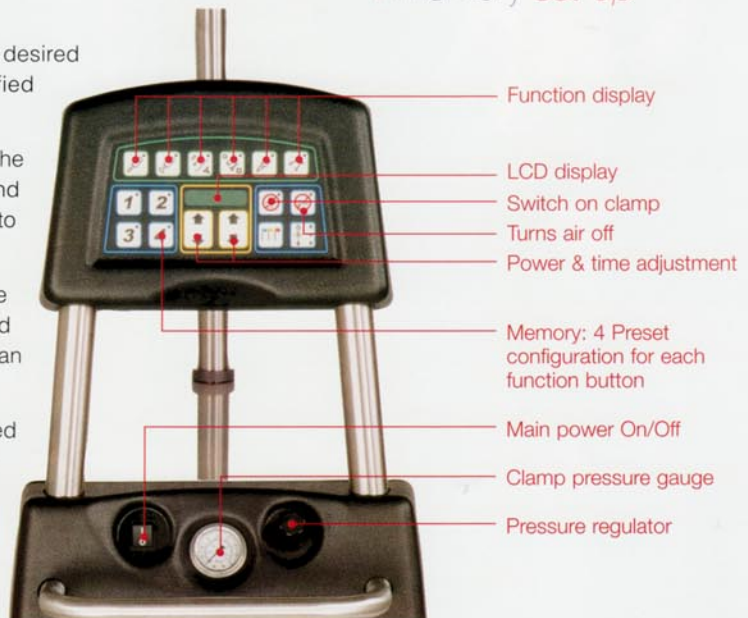
Clamping Force Measurement - The CPS800HF sensors and software enables the reading of the clamping force at the tips.



Force550
daN

With vehicle manufacturers using advanced high strength steel (AHSS), AMH® Canada has developed 'state of the art' high performance welders to deal with these new materials

Friendly user control panel
6 pre-programmed functions
4 memory set-up



Technical Specifications

Main Characteristics

Inverter power supply	380-415V 50/60 Hz 3 ph
Welding frequency	2000 Hz
Welding current type	DC (rectified)
Welding current (max)	14 000 A at the tips
Main fuse breaker	32AMP ('D' curve breaker)
Dimensions (HxWxL)	54x31x34 (130x79x86cm)
Net weight	543lbs (246kg)
Main cable (8m)	8ga + ground
Thermo protection	Included
Air cooling	Inside unit
Liquid cooling (clamp)	Cables and electrodes
Air cooling	Single spot cables

Electrical Characteristics

	Symb	Value
Number of phases (transformer)	q1T	1 phase
No-load transformer output voltage	U20	2 -16 Vrms
Max short-circuit current (output)	12cc	14.0 kArms

Liquid Cooling Unit

Cooling unit with liquid intercooling	Included
Cooling liquid	Glycol
Basic cooling temperature	86
Welding cables liquid cooling	Included
Electrodes arms liquid cooling	Included
Electrodes tips liquid cooling	Included

C-Type Welding Clamp

Electrode force 8bar-100mm	550 daN
116psi-4po	1236lb/p
Welding cables Ø	185mm ²
Welding cables length	8' (2.5m)

Single Sided Gun

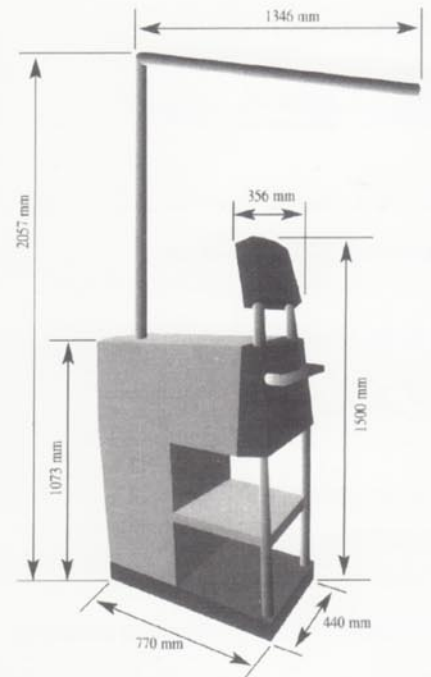
Welding and ground cables length	8' (2.5m)
Welding cables Ø	127 mm ²

Accessories

Trolley	Included
Welding cables balancer	Included
Quick pull slide hammer and tools	Included
Accessory tray	Included



CompuSpot
800 HF
DIMENSIONS



Distributor:



10 Jordon Road, Melrose Park SA
Ph: Leigh 0412 398 796
Ph: Gino 0423 883 542
Ph: Phil 0407 168 192

Accessories

04.PS.20.05HF *Standard Tip*



04.PS.20.10 *Rivet Tip*



04.PS.20.15 *Nail Tip*



04.PS.15.15 *Fan Shape Tip*



04.PS.15.30 *Wiggle Wire Tip*



13.PS.10.29 *Slide Hammer*



13.PS.10.26 *Slide Hammer*



13.155.00.36 *Stars (Pkt 10)*



02.205.01.6 *Carbon Rod*



04.PS.20.20 *Washer Tip*



04.PS.20.25 *Gutter Rail Tip*



04.PS.20.30 *Shrinking Tip*



13.155.10.45 *5 Finger Bear Claw*

13.155.10.50 *8 Finger Bear Claw*



13.155.10.78 *Wiggle Wire (Pkt 1/2lb)*

13.155.10.76 *Wiggle Wire (Pkt 1lb)*



16.178.00.45 *Rivets Extractor*



04.PS.20.31 *M6 Stud Tip*



04.PS.20.32 *M6 Nut Tip*



04.PS.20.33 *Adapter*



16.178.00.67 *Nails (Pkt 100)*



16.178.00.71 *Rivets (Pkt 100)*



16.178.00.72 *Washer (Pkt 100)*



16.178.00.77 *M6 Stud (Pkt 30)*



16.178.00.79 *M6 Nut (Pkt 30)*



Accessory box for dent pulling including

- 13.155.10.78 Wiggle wire (1/2lb)
- 13.178.00.67 Nails (100/pk)
- 16.178.00.72 Washers (100/pk)
- 16.178.00.71 Rivets (100/pk)
- 13.155.00.36 Star Washer (10/pk)
- 02.205.01.60 Carbon Rod
- 16.178.00.77 Stud M6 (30/pk)
- 13.178.00.79 Nut M6 (30/pk)
- Etc



Also includes

- 13.PS.10.26 Slide hammer c/w hook
- 13.PS.10.27 Nail mandrel
- 13.PS.10.28 Side hammer c/w star washer adapter
- 13.155.10.45 5 Finger bear claw
- Complete kit of welding tips
- Single side welding cables set
- 04.PS.80.90 Arm set kit including:
 - 04.PS.80.21 Crocodile style 230mm electrode
 - 04.PS.80.22 Fender electrode
 - 04.PS.80.32 Offset 380mm electrode
 - 04.PS.80.33 1.2 Offset 330mm electrode
 - 04.PS.80.37 Offset 370mm electrode
 - 04.PS.80.47 Straight electrode 470mm