

# 900 FUSION MAX COMPUSPOT

AMH®

INTELLIGENT INVERTER SPOT WELDERS WITH TWO CLAMPS

An intelligent Inverter spot welder equipped with two liquid cooled clamps for a maximum coverage of the car body. The ideal answer for how to weld today's high strength dual phase and boron steels.

**C Clamping force of over 1,420lbf at 125psi**  
(630daN at 8,5bar).

**G Clamping force of over 1,240lbf at 125psi**  
(550daN at 8,5bar).

Automatic recognition of sheet thickness and material type. (HSS, UHSS, Boron, etc.)

Automatic setting of weld power, weld time, and tip pressure.

USB port for data transfer and program updates.

Weld history storage.

Liquid cooling all the way to the electrode tips.

7" touch screen control panel with high resolution color (800x480 pixels).

Fully compliant with European directive 2004/40/CE.

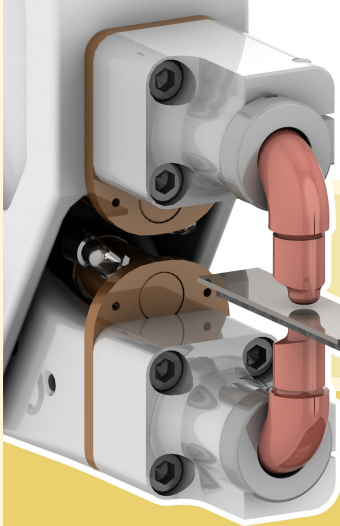
550 daN G Clamp included



No. Model (440-480V): 28.CPS.905M  
No. Model (380-415V): 28.CPS.904M  
No. Model (208-230V): 28.CPS.903M

Turning Innovation Into Productivity

## Automatic detection of metal type and thickness



The CompuSpot 900 Fusion MAX measures the thickness of the metal and its electrical resistance to determine its properties and surface coating.

Based upon the measurements, the Fusion will automatically adjust the settings or suggest a factory specified weld program. With this new equipment the operator no longer needs to worry about setting the correct welding parameters.

**STEP 1:** Example of the display of metal type and thickness detection of two metal sheets:

**METAL SHEET NO.1**

METAL TYPE	THICKNESS
H.S.S.	1.0 mm

**METAL SHEET NO.2**

METAL TYPE	THICKNESS
A.H.S.S.	2.5 mm

**STEP 2:** Example of the display of automatic setting of the welding parameters:



**CURRENT: 9,000 A**



**FORCE: 400 daN**



**TIME: 300ms**

## Control panel display

Touch screen for easy operation:

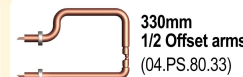
- Pre-programmed tool selections;
- Memory slots;
- 7" high definition LCD display.



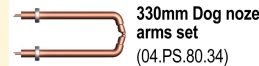
## Accessories for C Clamp



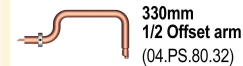
120mm  
Straight arms set  
(04.PS.80.12)



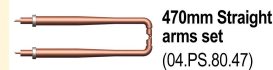
330mm  
1/2 Offset arms set  
(04.PS.80.33)



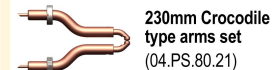
330mm Dog nose  
arms set  
(04.PS.80.34)



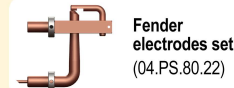
330mm  
1/2 Offset arm  
(04.PS.80.32)



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



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



Fender  
electrodes set  
(04.PS.80.22)



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

## Accessories for G Clamp



120mm Straight arms set  
(04.PS.90.12)



Fender electrode set  
(04.PS.90.10)



300mm U arm  
(04.PS.90.30)  
Optional



400mm U arm  
(04.PS.90.40)  
Optional



500mm U arm  
(04.PS.90.50)  
Optional



600mm U arm  
(04.PS.90.60)  
Optional

Complete single side welding and dent pulling package included.



## Technical information

Nominal input power.....	208-230V / 380-415V / 440-480V 3-Phase
Fuse or breaker.....	80A (208-230V) / 32A (380-415V) / 40A (440-480V) 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)
C-Clamp Tip pressure @ 8,5bar (125psi).....	630daN (1,420lbf)
G-Clamp Tip pressure @ 8,5bar (125psi).....	550daN (1,240lbf)
Weight.....	195kg (430lbs)

AMH Canada Ltd, 391 rue Saint-Jean-Baptiste Est, Rimouski (Québec) Canada G5L 1Z2

CANADA and other countries Tel: (418) 724-4105 Fax: (418) 722-6108 EUROPE Tel: ++33 616 995 408 USA Tel: (910) 371-9313 Fax: (910) 371-9417



Website:  
www.amh.ca



Email:  
sales.amh@amh.ca



Follow us on twitter  
@amhcanada



Join us at  
amhcanada