

Available Through:  
Pro Line Systems International Inc.  
305-793-9503 <http://prolinesystems.net>

# 900 FUSION

# COMPUSPOT

The Next Generation of Inverter Spot Welders

## ADVANCED INVERTER SPOT WELDER

The ideal answer for how to weld today's high strength dual phase and boron steels with up to 630 daN (1,386lbf) of tip pressure, 14,000 amps of welding current, and **NO GUESS WORK!**

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

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

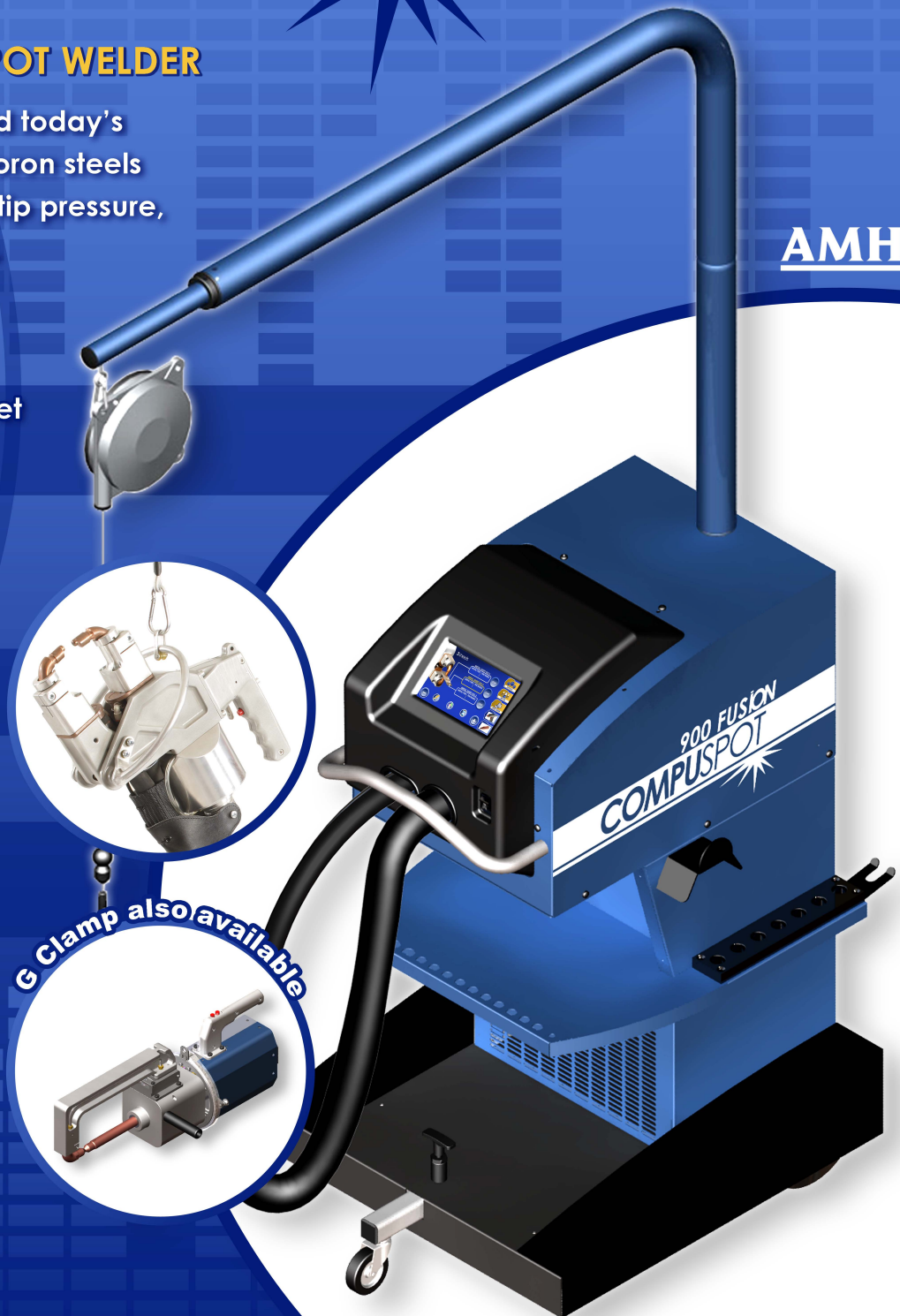
USB port for data transfer and program updates.

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.



G Clamp also available

AMH®

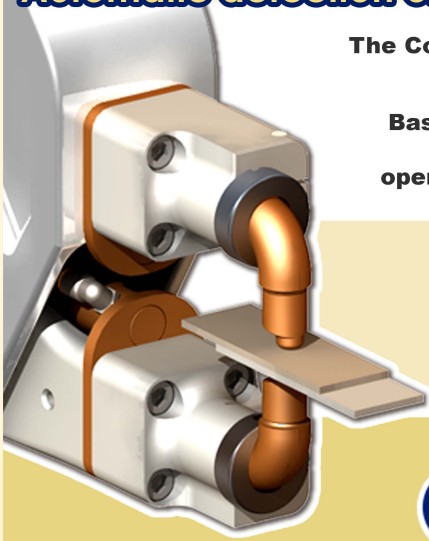
No. Model (440-480V): 28.CPS.905

No. Model (380-415V): 28.CPS.904

No. Model (208-230V): 28.CPS.903

## Turning Innovation Into Productivity

## Automatic detection of metal type and thickness



The CompuSpot 900 Fusion 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:



POWER: 9,000 A



PRESSURE: 400 daN



TIME: 300ms

## Control panel display

**Touch screen for easy operation:**

-Pre-programmed tool selections;

-Memory slots;

-7" high definition LCD display;



## Accessories



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



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



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



330mm Dog noze arms kit  
(04.PS.80.34)



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



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



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



Fender electrode kit  
(04.PS.88.22)

Complete single side welding and dent pulling package included



## Technical information

Nominal input power..... 208-230V / 380-415V - 3 Phases

Fuse or breaker..... 70A / 40A Slow blow

Secondary short-circuit maximum current (RMS)..... 14,000A

Frequency..... 50Hz / 60Hz

Welding frequency..... 2000Hz

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

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

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

Tip pressure at 8,5bar (123psi)....630 daN(1416lbf) (120 mm arms set)

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

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

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