

# CompuSpot 180AL

Aluminium Dent Pulling System



Welding Gun



Ground Clamps



- Utilizes capacitive discharge with extra features
- Operates on 115 or 230 volt power
- Includes welding gun, 2 ground clamps, 3 welding tips, plus supply of threaded 4, 5 and 6mm pulling studs
- Complete with lifter bar, hook and 3 puller mandrels
- Slide hammer and larger pulling studs optional
- May also be used for dent pulling steel and stainless steel
- Digital Touch Pad Control
- Ready and discharge (trigger) lights in the gun base let the operator focus on the application rather than the control panel

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***State of the art technology at your finger tips***

# CompuSpot 180AL

Aluminium Dent Pulling System | Capacitive Discharge Welding Power Source

## Electrical Specifications

<b>Main Power</b> (Auto Detection*)	115VAC Single-Phase	230VAC Single-Phase
<b>Fuse or Breaker</b>	10A	6A
<b>Frequency</b>	50/60 Hz	
<b>Capacitance</b>	66 mF	
<b>Welding Energy</b>	50J/40V, 1600J/220V	
<b>Secondary Open-Circuit Voltage</b>	$U_{o\ MIN} 20V, U_{o\ MAX} 25V$	

\*CompuSpot 180AL will operate on either 115 or 230 volts. The microprocessor will detect and automatically adjust for the incoming voltage. The unit is shipped without a plug so that the operator may exercise this voltage option.

## Mechanical Specifications

<b>Weight</b>	38 lbs ( 17kg )
<b>Approximate Dimensions</b> (L x l x h)	14x 8x 9 in ( 356x 229x 203 mm )

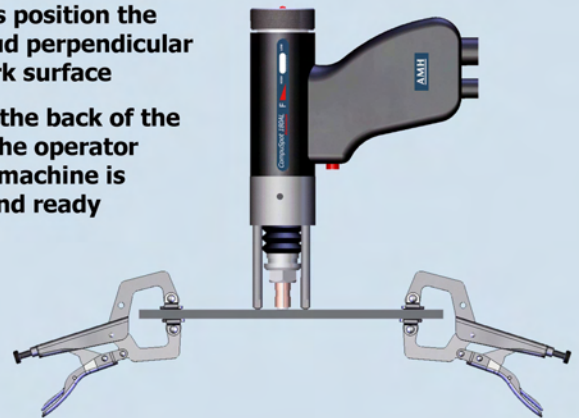
## Control Panel and Indicator Lights



- **Touch pad selection of voltage level**  
(Setting speed increases when key is held in)
- **Easy access ON/OFF switch**
- **Capacitor status, temperature, and process sequence lights**

## Easy to Operate

- **Two ground clamps distribute the current uniformly on the surface to produce strong, consistent welds with a minimum of heat distortion**
- **Guide rods position the pulling stud perpendicular to the work surface**
- **A light on the back of the gun tells the operator when the machine is charged and ready to weld**



## Comes Complete With:



Qty:	Description:	Part Numbers:
1	Lifter bar	13.155.30.05
1	Trolley	14.CS.00.25
1	Stud holder 4mm	04.PS.18.04
1	Stud holder 5mm	04.PS.18.05
1	Stud holder 6mm	04.PS.18.06
1	Threaded pulling studs M4x15 pack (200/pk)	16.178.01.24
1	Threaded pulling studs M5x15 pack (200/pk)	16.178.01.25
1	Threaded pulling studs M6x15 pack (200/pk)	16.178.01.26
1	Puller mandrel 4mm	08.175.00.54
1	Puller mandrel 5mm	08.175.00.55
1	Puller mandrel 6mm	08.175.00.56
1	Safety goggles	16.178.00.18
1	Stainless steel brush	16.250.00.10

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