

BLACKHAWK[®]



CompuSpot[®]
180AL

Model No. 28CPS180 (115-230V)

BLACKHAWK

State of the Art Technology at Your Finger Tips

Aluminum Dent Pulling System

The CompuSpot® 180AL Aluminum Dent Puller with high capacitive discharge system and total area grounding gives the body shop technician the best performance characteristics of any aluminum dent puller

Utilizes capacitive discharge with extra features

Operates on 115 or 230 volt power

Includes welding gun with integrated ground system, three welding tips, plus supply of threaded 4, 5 and 6mm pulling studs

Complete with lifter bar, hook and three puller mandrels

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



Aluminum Dent Pulling System / Capacitive Discharge Welding Power Source



Three ground rods integrated to the gun distribute the current uniformly on the surface to produce strong, consistent welds with minimal heat distortion.

The three rod also help 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.

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**

Accessories and Specifications

Standard Accessories

Lifter bar	131553005
Trolley	14CS0040
Stud holder 4mm	04PS1804
Stud holder 5mm	04PS1805
Stud holder 6mm	04PS1806
Threaded pulling studs M4x15 (200/pk)	161780124
Threaded pulling studs M5x15 (200/pk)	161780125
Threaded pulling studs M6x15 (200/pk)	161780126
Puller mandrel 4mm	081750054
Puller mandrel 5mm	081720055
Puller mandrel 6mm	081750056
Safety goggles	161780018
Stainless steel brush	162500010

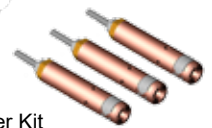


Trolley

Puller Mandrel Kit



Stud Kit



Stud Holder Kit

Equipment Specifications

• Main Power (Auto Detection*)	115-230V 10A / 230V 6A Single-Phase
• Frequency	50/60 Hz
• Secondary open-circuit voltage	$U_{0\text{ MIN}} 20\text{V}$, $U_{0\text{ MAX}} 25\text{V}$
• Welding energy	50J/40V, 1600J/220V
• Capacitance	66mF
• Weight	38 lbs (17 kg)
• Approximate Dimensions (L x l x h)	14" x 8" x 9" (356 x 229 x 203 mm)

*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.

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