

## WEL 500



**WEL 500**  
Single Phase 93550100  
Three Phase 93553300

The CompuSpot 500 (single phase or three phase) is designed to spot weld and weld bond cold rolled and galvanized steel panels, supports, and pillars. Factory like spot welds can be achieved even when welding through e-coat, seam sealer, or adhesive on the inside faces of metal parts. Maximum welding thicknesses are 2.5 mm + 2.5 mm for single phase and 3.0 + 3.0 for three phase power.

The lightweight, maneuverable G Clamp (standard) features a two stage trigger for correct positioning of welds and a rotating handle (360°) for easy movement around the work. Attachments allow a reach of up to 24". The pneumatic C Clamp (optional) offers 8 different arm sets for reaching a wider portion of the car body. The "Little Helper" swivel boom supporting the weight of the welding cables is included.

Galvanized metal is easily welded together by making a double spot weld without moving the tip. The zinc coating is welded through on the first weld and the second bonds the metal together. Seam welding performed with the Fan Shaped Tip can be made virtually watertight, preventing rust.

To save time pulling dents, the WEL 500 incorporates the use of the Energic Slide Hammer and Star Washer Adapter to make multiple welds and pulls without changing the set up.

	WEL 500 (Single Phase)	WEL 500 (Three Phase)
Input Voltage	208-240 V	208-240 V or 480 V
Phase	1 ph AC	3 ph
Nominal Power	15.8 KVA	14 KVA
Maximum Power	55 KVA	45 KVA
Main Fuse	50 amps	50 amps
Open Circuit	15 V	12.7 VDC
Duty Cycle	10%	10%
Maximum Sec. Current	11000 amps	12000 amps
Control System	Micro-Proc	Micro-Proc
Timer Control	from 50 ms to 900 ms	from 50 ms to 900 ms
Mode Control	Thyristor	Thyristor
Nails	Yes	Yes
Washer	Yes	Yes
Rivets	Yes	Yes
Shrinking	Yes (copper tip)	Yes (copper tip)
Stitch Weld	Yes	Yes
Carbon Electrode	Yes (carbon rod)	Yes (carbon rod)
Energic Slide Hammer	Yes	Yes
Single Side Spot	1.4 max	1.6 max
Pneumatic G Clamp	Yes (standard)	Yes (standard)
Pneumatic C Clamp	Yes (optional)	Yes (optional)
Dimension	18.75" x 17.25" x 15.75"	18.75" x 17.25" x 15.75"
Input Cable	25 feet	25 feet
Output Cable	6.5 feet	6.5 feet
Cable Connection	Quick Conn.	Quick Conn.
Single Side Cable	Yes	Yes
Weight	203 lbs.	353 lbs.