

i-SPOT

MODULAR | AUTOMATIC | INVERTER | RESISTANCE
SPOT WELDING SYSTEM FOR CAR BODY SHOPS



AESTHETIC APPEAL:

i-SPOT is distinguished by a strong aesthetic & robust design with modern and intelligent welding programs.

ERGONOMICS AND EFFICIENCY:

Design ergonomics simplify working procedures and logically organize relevant instrumentation for improved efficiency.

GLOBAL RECOGNITION:

CELETTE's commitment to excellence has established its significance globally, making i-SPOT a valuable addition to its product range in collaboration with a Leading European Manufacturer. A proportional valve sets the working pressure for precise and continuous parameter adjustment ensuring high-quality and consistent weld spots. An integrated pressure bottle maintains a constant pressure even if there are supply variations during welding.



The new touch screen welding control unit has user-friendly graphic diagrams for easy welding operation which offers various welding modes.

SMART+ MODE automatically adjusts welding current and clamping force based on sheet metal thickness.

THE FULL MODE allows personalized welding parameter settings.

The **USB INTERFACE** enables convenient data export for printing, as well as updating parameters for new materials in collaboration with car manufacturers.

TECHNICAL CHARACTERISTICS:

* Different voltages on demand

Input Supply Voltage	*230 V / 400 V
Mains Frequency	*50 / 60 Hz
Circuit Breaker (FUSE)	25-32 A
Protection Rating	21 IP
Welding Current (IRMS)	14500 A
Nominal Power 50% ED	19 KVA
Maximum Welding Power	60 KVA
Maximum Secondary Current	14 kA
Thermal Current 100%	1.8 kA
No Load Secondary Voltage	8.7 V
Maximum Electrode Force	500 daN
Weight	140 Kg

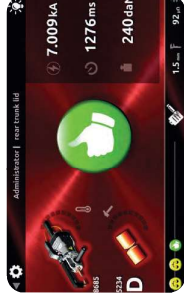
Full Management of Programs



Filter on Spots



Smart+



Operator Selection



Full



C-Plier with fully integrated liquid cooled welding transformer within the welding gun to enhance productivity and longer duty cycle.



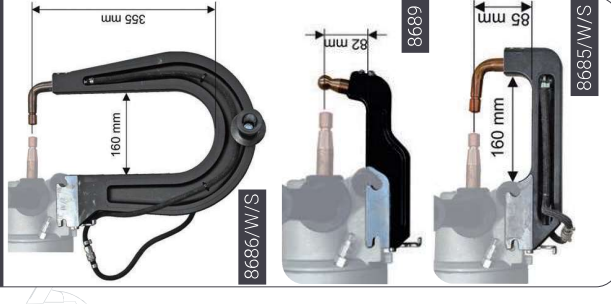
The cooling system enhance the efficiency by cooling the transformer, arms, and electrodes. An optional heat exchanger is also available on request.



The suspension arm is integrated with a robust balancer to facilitate safe and comfortable use in workshop environment.



INCLUDED IN THE STANDARD SCOPE OF SUPPLY



- The cart is ergonomic, compact, and stable with front wheels that can be extended.
- Rear arm-holder and a spacious upper tray for tools, along with user-friendly handles.
- Fully water-cooled welding guns that are highly accurate and reliable.
- A 360° rotatable welding gun for various positions, and a handle with a two-position trigger for proper sheet squeezing and precise weld spots.



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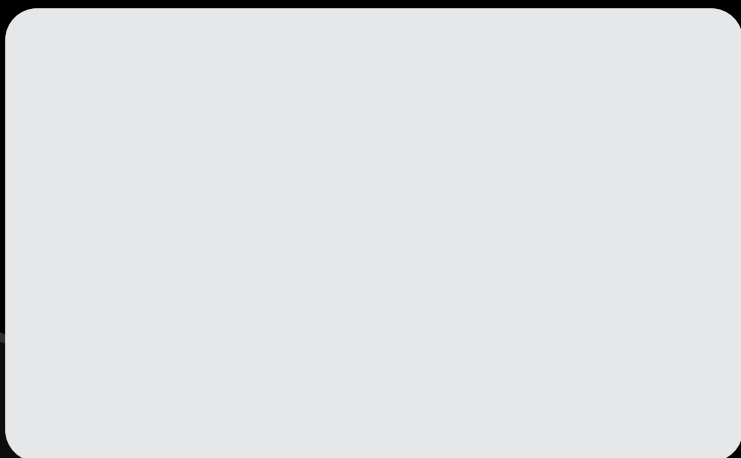
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