

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:

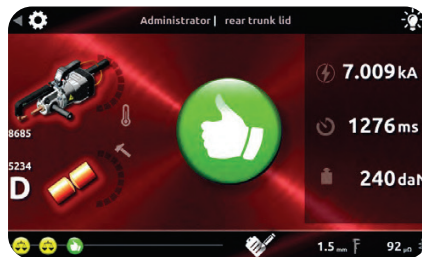
* Different voltages on demand

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



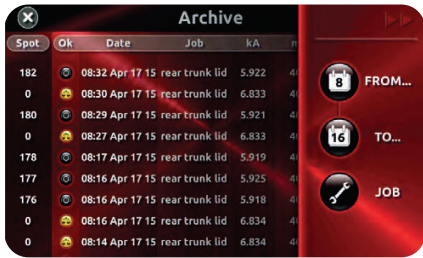
Smart+



Full



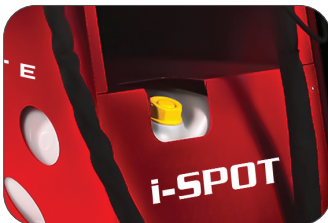
Filter on Spots



Operator Selection



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



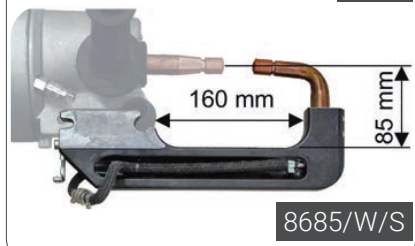
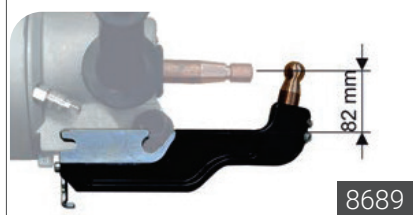
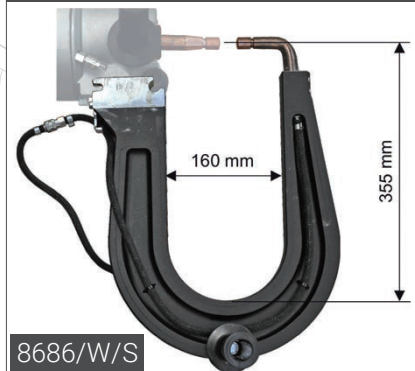
The cooling system enhance the efficiency by cooling the transformer, arms, and electrodes. An optional heat exchanger is also available on request.



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.



CELETTE FRANCE
 3, AVENUE MARCELLIN BERTHELOT
 38200 VIENNE / FRANCE
 ☎ +33 474 575 959



CELETTE DEUTSCHLAND GMBH
 EUGEN-ENSSLIN-STR.3 77694 KEHL
 GERMANY
 ☎ +49 785 195 58 712



CELETTE NORTH AMERICA
 700/122 VALLEY RIDGE BLVD.LEWISVILLE,
 TX 75057 / USA
 ☎ +1 254 382 8698



CELETTE INDIA PVT LTD.
 2/122 B-1, MYLAMPATTY ROAD,
 KARAYAMPALAYAM,
 COIMBATORE 641062 / INDIA
 ☎ +91 88 70 86 11 11



**CELETTE AUTO EQUIPMENT
 AND REPAIRATION**
 ROOM 3, 11F, XING HUI BUILDING,
 NO 176, MIN YANG ROAD,
 JIAXING, 31400 ZHEJIANG PROVINCE / CHINA
 ☎ +86 158 8831 7667

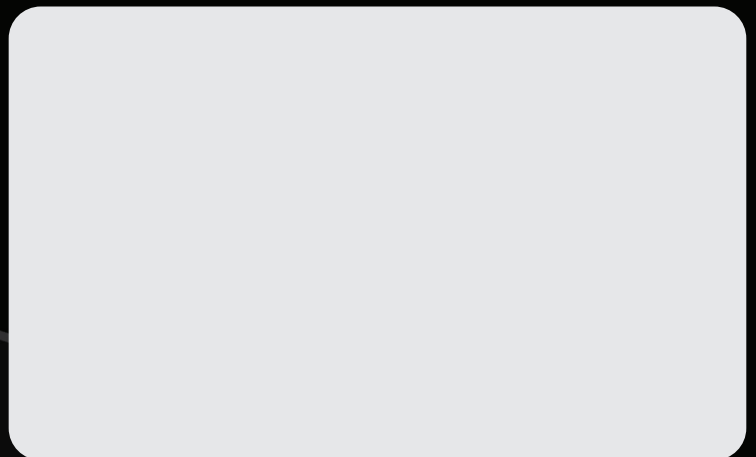


CELETTE JAPAN TECHNICAL OFFICE
 667-9 MABASHI, SHISUI-MACHI, INBA-GUN,
 CHIBA 285-0914 / JAPAN
 ☎ +81 70 2183 1960



CELETTE ASIA PACIFIC
 700/941 M.5 AMATA CITY
 CHONBURI INDUSTRIAL ESTATE,
 NONGKAKHA, PHANTHONG 20160
 CHONBURI / THAILAND
 ☎ +66 905 630 258

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✉ info@celette.com | 🌐 www.celette.com

