

CAR-O-LINER®

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CAR-O-LINER® ctr 7

CTR® 7

SOLID, FLEXIBEL & INNOVATIVE



CTR[®] 7

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The **CTR 7** resistance spot welder provides quality spot welds with all the new high-strength steels using cutting edge inverter technology. The telescopic support arm gives excellent reach to all welding spots while the innovative and compact power unit packs 12,000 A and

is easy to move around the shop increasing your flexibility. A wide range of accessories and sophisticated software with semi-automatic control features guarantee perfect welding results. With the Weldlogger™ program you can document and save your work for increased precision.

DUPLICATE THE WELDING PROCEDURE USED BY OEM

TELESCOPIC SUPPORT ARM

An aluminum, telescopic support arm for adjustable height.

TRANSFORMER GUN

The **CTR7** C-Tong has a built-in pneumatic feature that presses the welding tips together automatically when triggered.

COLOR DISPLAY

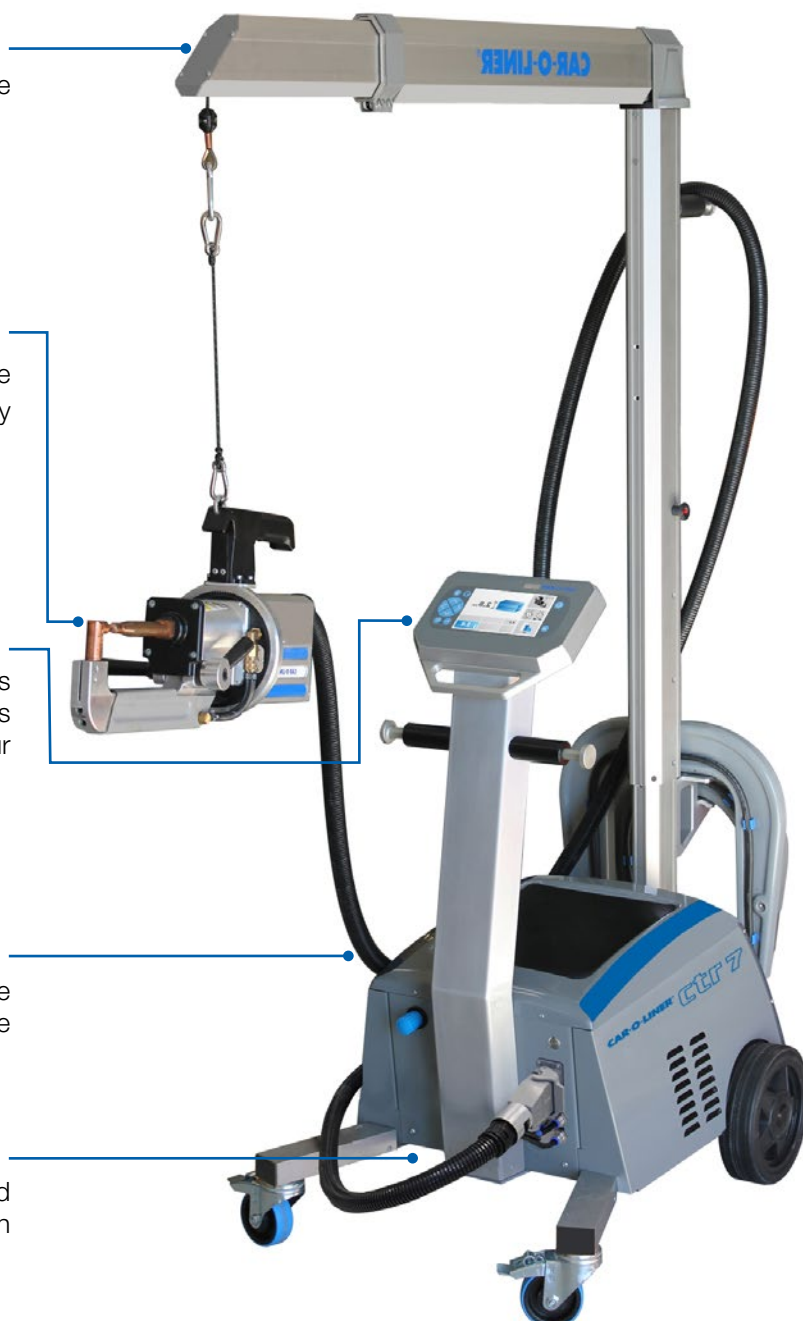
The sharp, easy-to-read, 7" color screen makes it easy to navigate and set your parameters thereby reducing cycle times and increasing your productivity.

BETTER ACCESSABILITY

With the 6m (236,22in) cable you can reach more parts/sections of the vehicle without moving the machine.

POWER UNIT WITH EASY-TO-USE CONTROL UNIT

The robust and compact power unit is easy and intuitive to use, ensuring fast paced accuracy with every welding spot.



PERFORM PER

OEM REQUIREMENTS

PUSHING PERFORMANCE

The **CTR7** C-Tong also has a built-in pneumatic feature that presses the welding tips together automatically when triggered. Electrode force is an important ingredient in a good resistance weld. The pressure setting is visible in the control panel display and adjustable by the pressure regulator.

INCREASED EFFICIENCY

The timer controls the duration of the current applied to the weld. The ideal is to try to attain a weld that uses higher current for a shorter time thereby reducing the heat. By automatically keeping the pressure after the current shuts off, the weld cools down under pressure forming a hardened and stronger weld giving you OEM accuracy inside your body shop!

WELDING DATA DOCUMENTATION

The **CTR7** records weld data during the repair process and generates reports that can be printed/saved/Emailed.

PERFORM PER OEM REQUIREMENTS

Din verkstad blir klar att reparera fordon i enlighet med Ready to perform in your body shop per OEM requirements, the **CTR7** replicates the welding procedure as required by the automobile manufacturers.

OVERHEAT PROTECTION

The protection system monitors the welder when the C-Tong is used. The thermal and break sensors protect the welder in the event of overheating.

PERFORM SAFELY

The **CTR7** has been designed and tested to exceed the strictest safety requirements.

INTELLIGENT PERFORMANCE



TURN THE WELDLOGGER INTO YOUR BEST SUPPORT

The **CTR7** records weld data and generates reports during the repair process. Print the report to testify to the quality of the welding and increase the trust in your body shop.

- PC and machine software for documentation and registration of welding data
- Records welding current, time, date, program and result
- Creates work orders
- Saves welding data with print out possibilities via USB

FEATURES AND BENEFITS

- **INNOVATIVE COMPACT DESIGN** with low center of gravity for increased safety and easy handling
- **TRANSFORMER GUN TECHNOLOGY** for greater working range
- **ALUMINUM, TELESCOPIC SUPPORT ARM** with integrated balancer (optional) for adjustable height
- **POWERFUL OUTPUT** welding currents up to 12,000 amps for the toughest welding jobs
- **USER-FRIENDLY CONTROL PANEL** for easy navigation
- **LARGE 20 LITER TANK** for efficient water-cooled operation
- **WELDLOGGER** program for documentation and registration of welding data via PC and USB (optional)

THE CTR® 7 USES ELECTRICITY ONLY TO CREATE THE WELDS. THE WELD IS CREATED WHEN HIGH CURRENT IS TRANSFERRED THROUGH THE METALS, THE RESISTANCE IN THE METALS HEATS IT UP AND FUSES THE METALS TOGETHER IN A NUGGET.

THE CTR®7 C-TONG HAS A BUILT-IN PNEUMATIC FEATURE THAT PRESSES THE WELDING TIPS TOGETHER AUTOMATICALLY WHEN TRIGGERED.

PRODUCT INFORMATION

AND TECHNICAL DATA

SPECIFICATION	PARAMETER
MAX. VOLTAGE	3 x 400V -5% +10%, 50 Hz - 50 Hz
MAX. POWER	75kVA
FUSE (DELAYED ACTION)	16-32 A
PROTECTION TYPE	IP21
INSULATION CLASS	F
COMPRESSED AIR SUPPLY	5-10 bar (72-145 psi)
COOLING	
COOLING POWER	1000W
TANK CAPACITY	20 l (5.3 gal)
FLOW RATE	2 l/min (0.53 gal/min)
CONFIGURATION	
DIMENSIONS APPROX. (HXWXD) (WITHOUT SUPPORT ARM)	1130 x 650 x 930 mm (44.5 x 25.5 x 36.5 in)
WEIGHT APPROX. (WITHOUT SUPPORT ARM)	92 kg (202 lbs)
TECHNICAL DATA TRANSFORMER C-TONG CONNECTION DATA	
PRIMARY VOLTAGE/FREQUENCY	560V/10KHZ
PRIMARY POWER (100% DUTY CYCLE)	20kVA
PROTECTION TYPE	IP21
INSULATION CLASS	F
COOLING TYPE	Liquid Cooled
WELDING CIRCUIT	
WELDING AMPERAGE	10,000 A (Current Controlled)
MAX. OUTPUT AMPERAGE	12000A
NO-LOAD VOLTAGE	12.5VDC
MECHANICAL DATA	
ELECTRODE FORCE, FMIN-FMAX	0-500 daN (0-1124 lbf)
MEASUREMENTS (HXWXD) CA. (WITHOUT SUPPORT ARM)	1130 x 650 x 930 mm
WEIGHT, APPROX. (WITHOUT SUPPORT ARM)	92 kg
WEIGHT APPROX. (WITH SUPPORT ARM + 20L WATER & 80MM TONG)	135 kg
WEIGHT APPROX. C-GUN, WITH 80 MM TONG	11,4 kg
CABLE LENGTH	6 m



CAR-O-LINER®

www.car-o-liner.com



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