

CTR7™

Solid, Flexible & Innovative Resistance Spot Welder

Unique, new generation welder

Car-O-Liner continues its quest to create the very best products for vehicle collision repair. **CTR7** Resistance Spot Welder, Car-O-Liner's new generation welding machine, provides quality spot welds with all the new high-strength steels using cutting edge inverter technology. A wide range of accessories and sophisticated software with semi-automatic control features guarantee perfect welding results.

Reduce Cycle Times

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

CTR7 also contains the latest technological platform that, in the future, will support internet technology and wireless communication features.



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A wide variety of yokes allows for accurate spot welds anywhere around the vehicle.

FEATURES AND BENEFITS

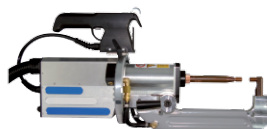
- **Innovative, Compact design** with low center of gravity for increased safety and easy handling
- **Transformer Gun Technology** for greater working range
- **Aluminum, Telescopic Support Arm** with integrated balancer (optional) for adjustable height
- **Welding Currents up to 12,000 amps** for powerful output 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)

TECHNICAL DATA

CTR7 Spot Welder	45240
Max. voltage:	3 x 400V 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)
Power unit for transformer gun (10 KHZ)	
Output current:	0-200 A
Output voltage:	560V
Cooling	
Cooling power:	1000W
Tank capacity:	20 l (5.3gal)
Flow rate:	2 l/min (0.53 gal)
Configuration	
Dimensions (HxWxD) approx. (without support arm)	1130 x 650 x 930 mm (44.5 x 25.5 x 36.5 in)
Approx. weight: (without support arm)	92 kg (202 lbs)
Technical data transformer C- Gun	
Connection Data	
Primary voltage / Frequency:	560V/10 kHz
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:	12 000 A
No-load voltage:	12.5 VDC
Mechanical Data	
Electrode force:	0 - 500 daN (0 - 1124 lbf)
Weight, with 80mm yoke, ca:	11 kg (24 lbs)
Cable length:	6 m (19.7 ft)



The CTR7 includes the following:



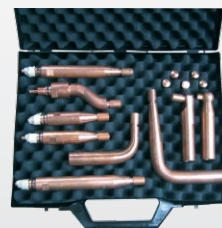
C-Yoke, 80 mm throat depth, water cooled Art. Nr. 46172

Optional Accessories:

C-Yoke, 40 mm throat depth, air cooled, Art. No. 41944



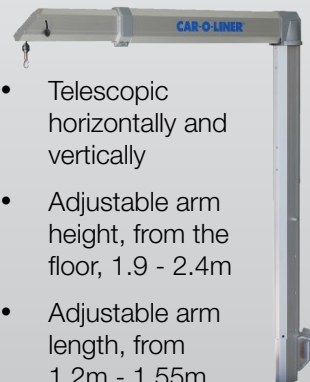
Accessories case, electrode set and 13mm caps. Art. No. 43021



C-Yoke, 350 mm throat depth, water cooled, Art. No. 45609



Support arm with integrated balancer block. Art. No. 44962



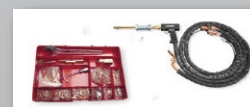
C-Yoke, 500 mm throat depth, water cooled, Art. No. 46173



- Telescopic horizontally and vertically
- Adjustable arm height, from the floor, 1.9 - 2.4m
- Adjustable arm length, from 1.2m - 1.55m

Complete Set Spotter/Dent Fixer Art. No. 41888

Consisting of: multifunction spot welding gun for dent repairs, pulling, shrinking and push-spotting, including pulling hammer, workpiece cable with connector, 2,500 mm ground cable & accessories box.



WeldLogger™ (Optional Software Art. No. 34565)

- 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

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