

CAR-O-LINER®

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6528

CAR-O-LINER® ctr 7

CTR® 7

SOLID, FLEXIBLE & INNOVATIVE



CTR[®] 7

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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.

PERFORM PER

OEM REQUIREMENTS

Car-O-Liner continues its quest to create the very best products for vehicle collision repair. **CTR® 7** resistance spot welder, the 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. **CTR® 7** also contains the latest technological platform that is ready for the future.

DUPLICATE THE WELDING PROCEDURE USED BY OEM

TELESCOPIC SUPPORT ARM

An aluminum, telescopic support arm for adjustable height.

TRANSFORMER GUN

The **CTR® 7** 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.



C-TONG

REACH THE UNREACHABLE

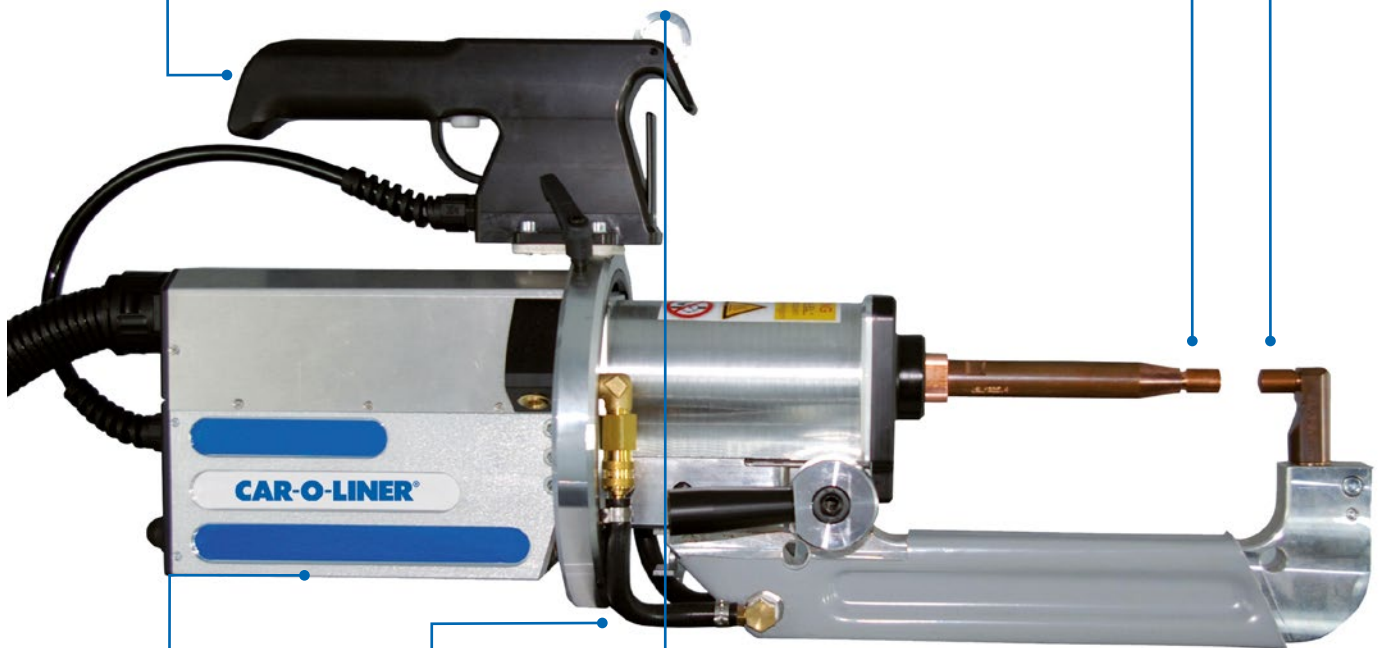
THE CTR® 7 C-TONG HAS A BUILT-IN PNEUMATIC FEATURE THAT PRESSES THE WELDING TIPS TOGETHER AUTOMATICALLY WHEN TRIGGERED.

UPPER HOLDING HANDLE

Practical and comfortable

ELECTRODES

Precise weld



CAR-O-LINER®

TRANSFORMER GUN

Greater working performance

COOLING SYSTEM

Overheating protection to your equipment

ATTACHMENT POINT

Work ergonomically safe

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)

SMART AND SAFE

INTELLIGENT PERFORMANCE

PUSHING PERFORMANCE

The **CTR® 7** 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, OEM accuracy inside your body shop!

WELDING DATA DOCUMENTATION

The **CTR® 7** records weld data during the repair process and generates reports that can be printed.

PERFORM PER OEM REQUIREMENTS

Ready to perform in your body shop per OEM requirements, the **CTR® 7** replicates the welding procedure as performed by the car 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 **CTR® 7** has been designed and tested to exceed the strictest safety requirements.

WELDING DATA DOCUMENTATION



TURN THE WELDLOGGER INTO YOUR BEST SUPPORT

The **CTR® 7** 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

 **INTELLIGENT P**

PERFORMANCE 

PRODUCT INFORMATION

AND TECHNICAL DATA

STANDARD COMPONENTS

C-YOKE 40MM THROAT DEPTH, WATER COOLED

PART NO. 46962



C-YOKE 80MM THROAT DEPTH, WATER COOLED

PART NO. 43034



C-YOKE 350MM THROAT DEPTH, WATER COOLED

PART NO. 43035



C-YOKE 500MM THROAT DEPTH, WATER COOLED

PART NO. 43036



STANDARD ACCESSORIES

SUPPORT ARM WITH INTEGRATED BALANCER BLOCK

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

PART NO. 44962

ACCESSORIES CASE

Electrode set and 13mm caps.

PART NO. 43021

OPTIONAL ACCESSORIES

COMPLETE MULTI FUNCTIONAL GUN

- MF gun
- Workpiece cable with connector
- Ground cable
- Delivery plate
- Pulling hammer
- Accessories box kit

PART NO. 41888

MULTI FUNCTIONAL GUN KIT

- MF gun
- Workpiece cable with connector
- Ground cable
- Pulling hammer

PART NO. 41889

COMPLETE MULTI FUNCTIONAL GUN KIT

PART NO. 41894

ITEM	PART. NO.
Pulling hook for slide hammer	41895
Washer welding electrode	41897
Electrode for set screw	41898

OPTIONAL ACCESSORIES

OPTIONAL ACCESSORIES

Complete multifunctional gun kit (Cont.)

ITEM	PART. NO.
Electrode for set screw	41899
Electrode for trim strip nipple	41900
Electrode for sheet pulling	41901
Spot welding electrode	41902
Electrode cap for spot welding electrode 13 mm	41903
Washers 8x16x1,5 mm coppered	41904
Trim strip nipple 3x3,2 mm	41905
Trim strip nipple 3x4,5 mm	41906
Holding nipple 5x8,2 mm	41907
Set screw M4x12 mm	41908
Set screw M5x18 mm	41909
Set screw with coarse-pitch thread 5x12 mm	41910
Set screw with coarse-pitch thread 5x18 mm	41911
Set screw with coarse-pitch thread 5x25 mm	41912
Special triangular pulling eye	41913
Carbon electrode for sheet pulling	41914
Seam welding electrode	41915
Flat wrench	41916
Pulling hammer	41892
Delivery plate	41893
Grab handle left	44421
Connecting nut	44423
Retainer nut II	44423
Thermo switch	44425
Retaining clip	44426
Control push button	44427
Clip	44428
Hose package	44430
Micro switch	44069
Current adapter	44431
Conector 3-pole	44432
Work piece	44433
Ground cable	44434

SPOT DRILL KIT

The depth can be easily regulated by means of the red positioning ring and checked by moving the counter-stay backwards.

With the yoke fitted, the drill moves automatically towards the spot welds when the trigger is depressed to the half-way position.

PART NO. 32686

SPOT DRILL TECHNICAL DATA	
Speed	1800 RPM
Drill diameter	8 mm
Air intake	1/4"
Working pressure	6,2 bar
Vibration level	0,27 m/sec (ISO 8862 - 1)
Air consumption	230 l/min
Weight	2,3 kg

ITEM	PART. NO.
Adapter Kit Spot Drill	32948
Bushing	32885
Drill support	32886
Drill 45 × 8 mm (5 units)	32863
Drill 45 × 10 mm	33276
Drill bits B.O.R 3/paket (3 units)	33939
Drill bits HSS 5/paket (5 units)	33940
Oil B.O.R	33941

TIP DRESSER

ITEM	PART. NO.
Tip dresser for electrode tips standard, 13mm cap (incl. dresser blade)	41919
Dresser blade 13mm cap	41921

WELDLOGGER

PART NO. 36590

PRODUCT INFORMATION

AND TECHNICAL DATA

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)
POWER UNIT FOR TRANSFORMER GUN (10 KHZ)	
OUTPUT CURRENT	0-200A
OUTPUT VOLTAGE	560V
COOLING	
COOLING POWER	1000W
TANK CAPACITY	20 l (5.3 gal)
FLOW RATE	2 l/min (0.53 gal/min)
CONFIGURATION	
DIMENSIONS (HXWXD) APPROX. (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-GUN 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	0 - 500daN (0 - 1124lbf)
WEIGHT (WITH 80MM YOKE, CA)	11kg (24 lbs)
CABLE LENGTH	6m (19.7ft)

WE CARE ABOUT BODY SHOPS

EXCELLENCE. INNOVATION. PASSION.

CAR-O-LINER ACADEMY

We are a competence development partner for the automotive industry, our main objective is to improve quality, safety and profitability for body shops.

THE TRAINING YOU NEED



RIGHT PERSON



RIGHT TIME



RIGHT COURSE



RIGHT COMPLEXITY

We enhance our customer's abilities by identifying the real competence and development needed. Offering solutions to meet these needs and accelerate the business growth.

WE OFFER THE SOLUTION



WE IMPLEMENT THE TRAINING



WE FIX THE ROOT OF THE PROBLEMS



WE MEASURE RESULTS

CUSTOMER SUPPORT

The Car-O-Liner Group headquarters is located in Gothenburg, Sweden, with subsidiaries located in Norway, Germany, France, United Kingdom, Italy, China, India, United States, Thailand and the Middle East.

Wherever you are, Car-O-Liner can provide customers with product information, training, support or data subscription/renewal.

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