

CAR-O-LINER®



**SPOTTERS
& WELDING ACCESSORIES**

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CR200 — POWERFUL, FAST AND EASY-TO-USE ALU/STEEL SPOTTER

UNIQUE SHORT CYCLE

The CR200 spotter uses a unique short cycle welding process. This welding method is highly effective for both aluminum and steel automotive bodywork when welding screws, pins and accessories such as washers and keys.

LIGHT AND MOBILE

This tool improves efficiency for quick dent repairs, allowing vehicles to more quickly be moved through the repair process, increasing shop productivity and profitability.

CR200 SPOTTER MULTI-USE

The **CR200** comes ready to use with everything you need to repair aluminum, plus optional steel applications.* Includes aluminum sample starter kit of most common consumable items.

FEATURES AND BENEFITS

- VERSATILE — works with keys, studs and pins
- QUICK CHANGE-OVER — between aluminium and steel applications speeding up the repair process
- FAST START-UP — less panel preparation is needed as well as less technician training for a faster start-up
- LIGHT & MOBILE — move it quickly to where it is needed increasing efficiency and streamlining the repair process

CR200 SPOTTER

Part No. 48201

CR200	PARAMETER
INPUT VOLTAGE	230V, 50-60 Hz 1-ph
POWER	20 Amps, 4.8 KVA (16A Slow Blow)
WEIGHT	10 kg
DIMENSIONS (LXWXH MM)	325mm x 350mm x 180mm
CURRENT & DUTY CYCLE	230 ED 100%
STUD DIAMETER	3mm - 8mm
STUD TYPE	Aluminium or Steel*

ALUMINUM WORK STATION: WITH THE ALUMINUM WORK STATION YOU'LL INCREASE YOUR ALUMINUM REPAIR BUSINESS!



A SOLUTION TO GALVANIC CORROSION

The CR200 Workstation is designed to provide a solution for aluminum and steel auto body repairs. Avoid galvanic corrosion by keeping your tools separate. With this dedicated tool storage, you will reduce the possibility of cross-contamination with steel particles, and with a built-in work area you can complete your jobs efficiently in one place.

UNIQUELY DESIGNED TOOLS

The unique advantage of the Aluminum Workstation comes from the design of the tools included. The dent pulling bars are constructed of light weight carbon fiber making them super light and 3 times stronger than steel! These exclusive tools offer the advantage of ease of use without compromising the strength of the tool.

FEATURES AND BENEFITS

- **CARBON FIBER TOOLS** — Lightweight for single tech ease of use and 3 times stronger than steel
- **CR200 SPOTTER 230V** — unique short-cycle welding process
- **SIDE-DENT REMOVAL TOOL** — Flexibility to repair full cab or bed scrapes or dents on trucks
- **SUPPORT** — Localized training, expertise and support

WORKSTATION WITH CR200

Part No. 46539

ITEM	QTY.
Mobile Cart with Shelving, tool Board and Work Area	1
Aluminum Spotter, 230V	1
Carbon Fiber Pull Bar, dent pulling system with 6 jaws (1x 50 cm (20"), 1x 100 cm (41.5"), 1x 160 cm (67.5"))	1
Fast Puller for Carbon Fiber Pull Bar	1
Hand Puller	1
Aluminum Hammers, professional grade	4
4 mm screws, M4x16mm AlSi12 (Box 100)	3
4 mm screws, M4x16mm AlMg3 (100/Box)	3
Threaded pull washers (20/Box)	2

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CR35 SPOTTER: MICRO-PROCESS CONTROLLED SPOTTER

FOR EASY AND LIGHT JOBS

The **CR35** is designed, dimensioned and manufactured for resistance welding on thin steel sheet. This micro-process controlled spotter is perfect for welding and traction of all studs, nails, washers, rivets and bolts.

SIMPLY PUSH THE SWITCH

All the welding and heating operations are easily controlled by pushing the switch on the gun. The welding cycle starts 3/10 seconds after contact between electrode-metal sheet.

VERSATILE

Besides the manual regulation modalities, the CR35 offers some optimized welding programs such as:

- MR Welding
- TIP Welding
- Pulse heating
- Carbon electrode heating, etc.

FEATURES AND BENEFITS

- **VERSATILE** with manual regulation or multiple welding programs available
- **EASY START** with the controlled switch, the welding cycle starts 3/10 seconds after pushing
- **SINGLE SPOT PROCESS** gives fast, accurate welding
- **TOUGH**, follow the predictive maintenance plan and get the best from your equipment

SPOTTER CR35

Part No. 33434

CR35	
Input voltage	230 V, 50-60Hz 1-ph
Rated power at 50 %	2kVA
Max power	16kVA
Fuse rating (slow blow)	16A
Secondary no-load voltage	7V
Secondary short circuit current	2,8KA
Duty cycle	5 %
Dimensions (W×L×H)	130×12×150mm (5x00x6in)
Weight	14kg (31LBS)



PLASMA CUTTER: ACCURATE, CLEAN, HIGH-SPEED CUTTING

CUT THROUGH ANY CONDUCTIVE MATERIAL IN SECONDS

Car-O-Liner's **Plasma Cutter** is the perfect cutting tool for all high-strength steels. With excellent cutting performance on thin sheet metal and high wear resistance for increased tool life, you will achieve greater efficiency in your workshop.

WITH INVERTER TECHNOLOGY

Using inverter technology, the **Plasma Cutter** guarantees accurate and clean plasma cuts up to 10mm in thickness. Easy to handle and operate, this system is suitable for cutting thin materials at high speed.

ULTIMATE PORTABILITY

The internal air compressor enables operation in environments where external compressed air is not available.

FEATURES AND BENEFITS

- **CONTINUOUS OUTPUT CONTROL**, focus the arc for different material thickness
- **FAST** – remove damaged parts quickly and efficiently
- **NARROW CUT LINE**, no messy working edge

PLASMA CUTTER

Part No.46553

PLASMA CUTTER	
Input voltage	230V 50-60 Hz 1-ph
Absorb power	60%, 3.5 KVA
No-load voltage	350V
Fuse	16A
Current range	5-30A
Cutting current	35%, 30A
Cutting depth on steel class	10mm
Air pressure	5-5.5 bar
Compressed air capacity	100 l/min
Weight	11kg (24LBS)
Dimensions (LxWxH)	220x400x220mm (8.5X15.8X8.5in)
Protection class	IP22

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QP1 DENT PULLER: YOUR PORTABLE SPOTTER

HIGH FREQUENCY INVERTER SPOTTER

The Car-O-Liner's **QP-1 Dent Puller** is a portable spotter that features a high-frequency inverter for rapid welding and pulling, thereby reducing repair times.

ALL-IN-ONE

The **QP-1 Dent Puller** provides a power source and slide hammer. It also offers a high-frequency inverter for rapid welding and pulling. Used in all repair jobs on car bodies to pull out and straighten dents, an indispensable tool for modern car body repairer.

SMART AND COMPACT

The dent puller is compact, contains a built-in ground rod with automatic contact, and requires a minimum paint removal area of only 20mm in diameter.

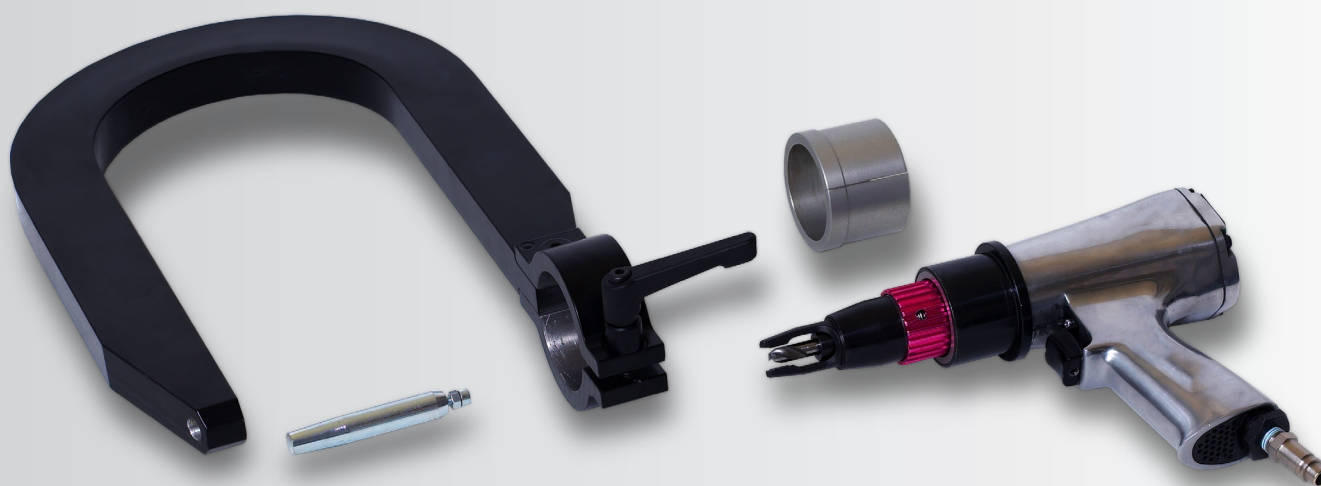
FEATURES AND BENEFITS

- **HIGH-PERFORMANCE**, pulls out dents on steel body panels with ease
- **PORTABLE & COMPACT**, offers mobility to technicians easily move around the workshop or take it on service calls
- **MINIMUM PAINT REMOVAL AREA**, only 20mm in diameter, smaller than the size of a quarter
- **BUILT IN GROUNDING ROD** with automatic contact makes this machine safe

QP1 DENT PULLER

Part No. 39638

CR35	
Input voltage	230V 50/60Hz
Input power	3.2kVA
Fuse (delayed action)	16A
Protection type	IP21S
Output voltage	7V
Dimensions (LxWxD)	420x180x110mm (16.5x7x4.4in)
Weight	2.9kg (6.5lbs)



SPOT DRILL: EASY DRILLING WITH AN AUTOMATIC SYSTEM

WITH REGULATED DEPTH

The depth can be easily regulated using the 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.

DRILLING

Drilling is carried out using even pressure down to the depth set. This unique automatic method makes drilling safe, and extends the working life of the drill and the yoke is easily removed when it hinders drilling.

ERGONOMICALLY DESIGNED

The drill is pistol-shaped and operated one-handed. The design provides a natural working position. A low vibration level minimises the risk of injury.

SPOT DRILL

Part No. 32686

SPOT DRILL	
Speed	1800RPM
Drill diameter	8mm
Air intake	1/4"
Working pressure	6,2 bar
Vibration level	0,27 m/sec (ISO8862 - 1)
Air consumption	230 liter/min
Weight	2,3 kg (5lbs)

SPARE PARTS

ITEM	PART. NO	QTY.
Adapter Kit Spot Drill	32948	1
>Bushing	32885	1
>Drill support	32886	1
Drill 45 × 8 mm	32863	5
Drill 45 × 10 mm	33276	1
Drill bits B.O.R 3/paket	33939	3
Drill bits HSS 5/paket	33940	5
Oil B.O.R	33941	1

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