

CM220 Automotive

Automotive Mig/Mag for sheet metal welding



- Galvanised surfaces,
- Aluminium and aluminium alloys
- High tensile and mild steels

- Maintenance of corrosion and strength properties after welding
- Optimum quality with simple setting

CAR-O-LINER's CM220 AUTOMOTIVE MIG

has been specifically developed for the repair and welding of galvanised and primed high tensile sheet steels used in car production today.

In addition it is capable of mig welding aluminium and mig brazing.

Many year of close co-operation with leading car manufacturers has resulted in the development of **CAR-O-LINER's CM220 AUTOMOTIVE MIG**.

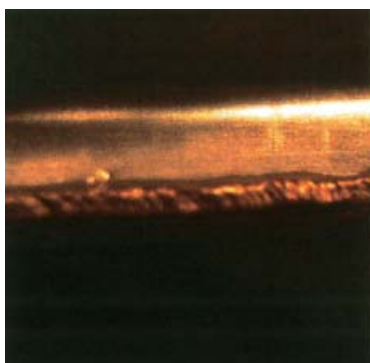
New materials used in car construction have high demands for low weight, improved strength and anti corrosion properties. That is the reason new and more complex alloys and surface treatments have been developed, and the subsequent welding processes require specially developed welding machines like the **CM220 AUTOMOTIVE**

CAR-O-LINER's CM220 AUTOMOTIVE has been designed for dip transfer weld-brazing of galvanised and primed sheet steels.

For that purpose **CAR-O-LINER's CM220 AUTOMOTIVE** can use a wide range of filler wires such as **CuAl-8** and **CuSi-3**. When needed different wires can easily be changed in the machine

Why Automotive?

The key word is maintainance of strength and corrosion properties in the welded joint. The fusion point temperature is low (below 1000 C) In this gentle welding process, the stucture of the steel is not compromised.



MIG brazing is used on a large scale for the construction of car bodies and other transport vehicles in galvanized high tensile steel to maintain strength properties in the steel and to protect the anti-rust zink coating.

CM220 AUTOMOTIVE is **CAR-O-LINER's** answer to a non pulse machine that masters the process.

MIG brazing is recommended by leading car manufacturers all over the world.

MIG brazing is extensively used in car body construction today, with more and more use of Galvanised high tensile steel it is important to maintain the structural strength and anti corrosion properties they possess.

- Utilises transformer and inductance technology for optimun performance
- Simple to change from normal welding to MIG brazing
- Fine adjustment of welding voltage with 20 steps
- Exact wire feed speed with electronic control



TECHNICAL DATA

Current range	20-200 A
Voltage steps	20
Duty cycle 35%	150 A
Open circuit voltage	14-30 V
Mains voltage	3 x 400 V
Fuse	10 A
Wire dimension	0,6-1,0 mm
Wire reel	5-15 kg
Wire feed speed	2-15 m/min
Pulse welding time	0,15-2,5 sec.
Step welding time	0.15-2.5 sec.
Burn-back time	0.05-0.5 sec.
Dimensions	72x38x70 cm
Weight	64 kg