

# Kemppi Pro Evolution Automotive

## MIG brazing specialist

Modern car bodies have been built by using galvanized steel plate in order to guarantee improved corrosion resistance. The use of these new plated materials in car construction brings new challenges for the crash repair industry. Repair welding demands the application of specific welding techniques, materials and processes, capable of joining galvanized plates. Kemppi Pro Evolution Automotive is designed for repair welding of galvanized car bodies with CuSi wire.

### Kemppi Pro Evolution Automotive is a complete set:

- Kemppi Pro 3200 Evolution power source
- Promig 530 Automotive wire feeder with panel
- PMT 27 MIG gun
- P 20 transport unit
- Earth- and connection cable, 5 m
- Necessary accessories



- Special programs for galvanized body repairs - excellent welding results
- Remote in MIG gun - easy to adjust parameters
- Spot timer - precise tack welding
- Extended memory - welding values in memory
- Slim line machine - less space and easy to place close to welding object



MIG brazing reverts to welding process where galvanized plates are brazed together with e.g. CuSi3 wire by using inverter based power source and wire feeder. Due to the low temperatures in MIG brazing the deformation of the plates and the vaporisation of coating material will be minimised. MIG brazing is widely used in car manufacturing to weld galvanized plates due its excellent characteristics against corrosion.

# Technical data

## Power source Pro Evolution 3200

Mains voltage		3~ 400V -15% ...+20%
Rated power		
	100% ED	320 A / 13,3 kVA
Welding voltage range		
	MIG	12V ... 37V
Fuse delayed		25 A
Max. welding voltage		46 V / 300 A
Dimensions L x W x H mm		530 x 230 x 520
Weight kg		37



## Promig 530 Automotive

- panel with digital display
- MIG/1-MIG/Pulse-MIG
- special cover on panel
- quick spool change due to autom. wire thread

## Wire feeder Promig 530 Automotive

Working voltage		50 VDC
Rated power		100 W
Max. load	60%	520 A
	100%	440 A
Filler wires ø mm		0,6 ... 2,4
Operation principle		4-rolls
Max.spool size		15 kg/300 mm
Dimensions L x W x H mm		640 x 230 x 430
Weight kg		21



## MXE Automotive Operation Panel

- special programs for galvanized plates
- spot welding
- start options

## MIG-gun PMT 27

Loading capacity Ar + Co <sub>2</sub>		
	35 %	270 A
Filler wires to be welded ø mm		
	Fe, Ss	0,8 ... 1,2
	Fe, cored wire	0,8 ... 1,2
	Al	0,8 ... 1,2
Cooling		air



## PMT 27 MIG-gun

- flexible and light
- minimal stress on hand
- disturbance free performance

## Option

RMT 10 MIG gun remote control	6185475
ProWeld Data, Data monitoring with PC	

## Order information

Kemppi Pro Evolution Automotive set	PROMIG3200AUTO
Kemppi Pro 3200 Evolution	6131320
Promig 530 Automotive inc. panel	6232530AM
P 20 Transport unit	6185261
PMT 27 4,5m MIG gun	6252714
Earth cable 50mm <sup>2</sup> , 5m	6184511
Gas regulator	
Contact tip 1,0 M8	(50 pcs) 9580123
Gas nozzle	(5 pcs) 4295760
Gas diffuser	(5 pcs) 4294880
DL-Teflon liner 4,5m 0,8-1,0	(5 pcs) 4302690

