

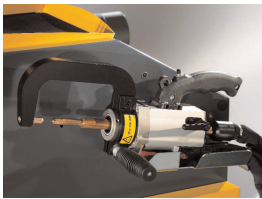


WELDING TECHNOLOGIES

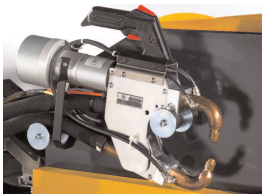
# Motor Body Repair ergoweld 13k

## 13000A - 400V Inverter spot welder

The ergoweld 13K is a welder using medium frequency technology (inverter). It is more powerful than the original version, with a navigation software even more evaluate (including data recording and extraction function) and a water circuit cooling cables, electrodes and diode bridge thanks to a high power integrated cooler to answer the specifications of automotive builders.



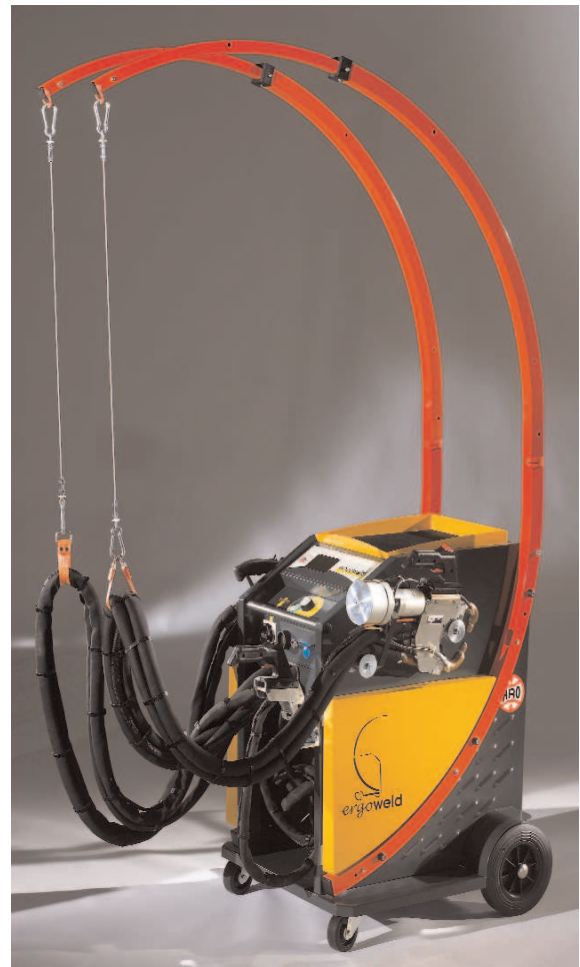
- **C gun :**  
Air cooled  
Up to 250 daN at 7 bars  
Secondary cables L=3m  
360° rotating arm



- **SXR gun :**  
Water cooled  
Double stroke cylinder  
**520 daN** at 7 bars  
Standard arms until 400mm  
Secondary cables L=2,5m



- **Single sided gun :**  
Air cooled,  
Secondary cables L=3m,  
For welding on 1 side (or for dent pulling with accessory kit in option)



Models	ARO Reference	Equipment
SXR	ZUR187204 + Kit HMI04038	SXR gun, 1 air cooled single sided gun & earth pad with 3m cables 1 telescopic hanger, 1 integrated water cooler and its accessories
SXR/C	ZUR187205 + Kit HMI04037	SXR gun, 1 non-cooled C gun 3m cable, 1 non-cooled single sided gun & earth pad 3m cables, 2 telescopic hangers, 1 integrated water cooler and its accessories



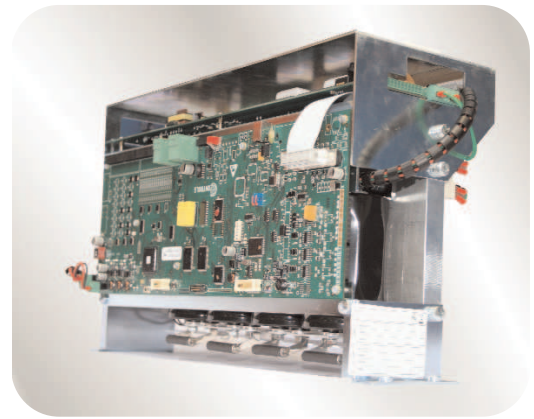
Accessories kit

Quality without compromise

## Adaptive ready concept :

Analysis in real time of dynamic resistance during a weld cycle is calculated from the secondary current and voltage of the weld gun. This allows the Adaptive Weld system to automatically adapt the weld parameters to suit the assembly being welded.

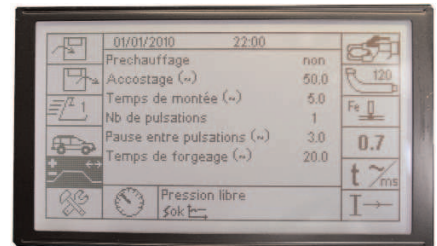
- Welding of different sheet combinations without programme change : eliminates programme selection
- Stronger weld assembly, specially with HLE, THLE, Trip panels
- Simplified and reduced programming
- Welding of glued or insulated panels
- Automatic electrode wear compensation
- Management and recording of weld spots



AW Converter

## Standard functions available :

- Current regulation
- Language choice
- Spot weld counter per tool
- Possibility to modify factory parameters and reset
- Choice of tools, accessories, thickness and material
- **Pressure program** : calculation of the electrode force according to arm length and available air pressure
- **Calibration** : checks the maximum available power on site and do not exceed it
- **Favourite programs** : 16 available programs to store OEM programs, or your own
- **Display of the measures parameters** after each spot
- **New EDR function** : the ergoweld data record allows the recording, viewing and downloading of spots with all their parameters.



LCD screen and user-friendly navigation software

ergoweld data report	
Item de l'utilisateur	Date
Point à souder	Zone/etage
1	1
2	2
3	3
4	4
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100	100

## Technical characteristics :

Mains supply	400V	Converter frequency	1000Hz
Fuses	32A	ELCB	30mA
Max weld regulated current (RMS)	13200A	Dimensions (without hanger)	670x850x1200
Max weld current at electrodes (RMS)	14000A	Weight	180kg

## After sales service :

- 1 year full warranty, with possible extension to 3 years under maintenance contract.
- Hotline monday to friday 7h30 - 17h00 on +33 (0) 2 43 44 72 00.

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 SYSTEMES ARO  
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 SOUS-ENSEMBLES ET COMPOSANTS

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