

# Accessories catalogue

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## ERGOWELD

### Motor Body Repair range 2015

Version 0

Valid Until 12/31/2015



**Quality without compromise**

[www.arotechnologies.com](http://www.arotechnologies.com)



WELDING TECHNOLOGIES

## ERGOWELD ACCESSORIES CATALOGUE

Supplement to the MBR 2015 list price  
Cancel and replaces previous editions

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## About ...

Since 1949, ARO Welding Technologies SAS has been a leader in resistance welding technology providing the automotive and manufacturing industries with innovative robotic welding, manual, welding and stationary welding systems.



From spot welding and projection welding, to seam or butt welding, we provide the optimum solution.

Combine this with the highest levels of client support and after sales services available anywhere



and it is clear why ARO is widely recognized as the most respected name in resistance welding technology.

ARO is headquartered in Chateau-du-Loir, near Le Mans in France, with regional offices in Europe, the Americas and the Far East as well as independent sales and services partners.



ARO design and manufacture spot welding equipment for the motor body repair market and to date has sold more than 250,000 units.

Our technology continuously follows the evolution of the automobile concept resulting in a range of industry leading products with a reputation of innovation and reliability.

## MBR Technology

The ARO mobile welding product range was developed with the automotive MBR (motor body repair) market in mind and is also utilized in automotive prototype build and mainline backup. Since its conception, over a quarter of a million of spot welders have been supplied by ARO to the automotive industry.

Today, ARO continues to innovate and provide solutions for higher production by offering multi-functional equipment and lower operating costs to meet the demands of today's automotive repair market.

ARO is a division of the multi-disciplined UK engineering group, Langley Holdings plc.  
([www.langleyholdings.com](http://www.langleyholdings.com))

## NEW ERGOWELD 12K AUTOMATIC – AIR COOLED

**Product feature:**

Cooling	<b>AIR</b>
Supply	400 V – 32 AD
Max welding current	11 500 A
Auto mode on each clip	Yes
Traceability USB port	Yes
Dimensions	H : 100 cm / L : 64 cm / P : 90 cm
Weight	170 kg

**Delivered with :**

Versions	C GUN + single sided Gun	2 GUNS : X + C + single sided Gun
Référence	<b>ZUR1871222</b>	<b>ZUR1871232</b>
Accessory panel	Yes	Yes
Gun supports	Yes	Yes
Telescopic beam	X 1	X 2
1 swivel kit	Yes	Yes
C gun arms	135 mm	135 et 600 mm
X gun arms	-	3 bras de 260 mm



## NEW ERGOWELD 14K AUTOMATIC - WATER COOLED

**Product feature:**

Cooling	<b>WATER</b>
Supply	400 V – 32 AD
Max welding current	13 000 A
Auto mode on each gun	Yes
Traceability USB port	Yes
Dimensions	H : 100 cm / L : 64 cm / P : 90 cm
Weight	180 kg

**Delivered with :**

Versions	C GUN + s/s Gun	2 GUNS : X + C + single sided Gun
Référence	<b>ZUR1871422</b>	<b>ZUR1871432</b>
Accessory panel	Yes	Yes
Gun supports	Yes	Yes
Telescopic beam	X 1	X 2
1 swivel kit	Yes	Yes
C gun arms	135 mm	135 and 600 mm
X gun arms	-	3x 260 mm arms and 2x 450mm arms



Traceability through USB kit for all versions:

- ✓ Using a standard USB
- ✓ Simplified Management of welding parameters
- ✓ No specific software required

## NEW X AND C GUNS

Two new automatic guns, designed to ensure precise and strong welding spots.

**Specifications : lighter (-2kgs), Both exceeding 450daN at 5 bars, With an automatic mode, Entirely nickel plated.**

Guns and Single sided gun :

- Lighter and more ergonomic
- Gyro Series / A single clamp body
- Performances clamps (force 5 Bars, double stroke)
- Gun to 9600A
- The pistol is compatible with the old positions range

**New X gun**

**Single sided gun**



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**OPTIONS**



Swivel kit for both X and C gun



Balancer 10-14kg  
 with locking  
 p/n : YZKA722204

or

Balancer 10-14kg  
 without locking  
 p/n : YZKA722104

**Kit AIR PULLER for 12k or 14 K**  
 p/n :103070172



*To be ordered for factory mounting*



**Kit accessories for 12k et 14k**  
 p/n : HMI04040

- Sledge hammer
- electrode for pull tabs
- pull tabs
- insulated electrode
- carbon rod
- crushing electrode
- wavy wire electrode for wavy wire
- 4 hooks hand
- contact grease
- electrode removal tool
- 4 allen keys KT55 zinc spray

**ARM SETS FOR NEW X GUNS FOR ERGOWELD 12K ET 14K**

Type	Profil	LU mm	Arm p/n°	Detail
X2		120	103 072 490	Water cooled or not, 15° with caps Ø 16
		180	103 075 200	
		260	103 072 491	
		350	103 072 492	
		450	103 072 493	
X3		260	103 072 494	Water cooled or not, 15° with caps Ø 16
		350	103 072 495	
X4		260	103 072 498	Water cooled or not, 90° with caps Ø 16
		350	103 072 499	
X6	Electrode for bottom arm	210	Bras Sup. 103 072 478 Bras Inf. 103 072 359	Special arm, not cooled
X7	Electrode for bottom arm	180	Bras Sup. 103 072 479 Bras Inf. 103 072 480	Special arm, not cooled

**ARM SETS FOR NEW C GUNS**

Type	Profil	LU mm	Arm p/n°	Detail
C1		136	Fixed : 103072605 AND Mobile : 103072643	Water cooled or not, with caps Ø 16
C2		350	Fixed : 103072606 AND Mobile : 103072643	Water cooled or not, with caps Ø 16
C3		600	Fixed : 103072619 AND Mobile : 103072643	Not cooled, with caps Ø 16
C4		100	<b>Fender edge kit</b> p/n : 103077855	Not cooled, delivered with to make 8 different configurations



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**SHANKS FOR C ARMS**

Shanks	For arm	Ref	Arm p/n°
Short		C1 ou C2	Fixed : 103072501 Mobile : 103072595
Bent		C1 ou C2	Fixed : 103072596 Mobile : 103072609
Short		C3	Fixed : 103072624 Mobile : 103072634
Medium		C3	Fixed : 103072625 Mobile : 103076098

**SPARE CAPS FOR X AND C GUNS**

Caps Ø16	
	Bag of 10 Caps 15° offset p/n : 103011394
	Bag of 10 p/n : JL4-UWB0020201

**FENDER EDGE KIT FOR ERGOWELD 12K AND 14K**

Fender Edge Kit			
Kit → p/n : 103077855 Includes 1 special arm and a set of electrodes to make-up 8 different configurations.		Adaptor for Fender Edge Kit p/n : 103080384	
	p/n : 103070178 p/n : 103061068		p/n : 103070178 p/n : 103061067
	p/n : 103061069 p/n : 103061060 p/n : 103069084		p/n : 103070178 p/n : 103061044 p/n : 103061067
	p/n : WL 214164 p/n : 103061060 p/n : 103061050		p/n : 103070178 p/n : 103061060 p/n : 103061050
	p/n : WL 214164 p/n : 103061044 p/n : 103061067		p/n : 103061069 p/n : 103061068



WELDING TECHNOLOGIES

## RANGE MIG



**Nouveau**

### AROMIG 1200-3+2

Réf : ZU810026

#### Livré avec :

- 3 torches 150A prise Euro
- 1 torche TIG
- 1 porte pince électrode
- Bobine CuSi 0.8 2kg
- Bobine acier 0.8 5kg
- 2 détendeurs

### AROMIG 1200-2

Réf : ZU810025

#### Livré avec:

- 2 torches 150A prise Euro
- Bobine CuSi 0.8 2kg
- Bobine ALSi5 1.0 2kg
- 2 détendeurs



**Nouveau**



**En option**



**Pour AROMIG 1180-1**  
Chariot pour 1 MIG, peut aussi  
porter un M4

**Nouveau**

### AROMIG 1180-1

Réf : ZU810023

#### Livré avec :

- 1 torche 150A prise Euro
- 1 bobine acier
- 1 détendeur

#### En option :

- Porte pince MMA
- Ref : 101016021

### AROMIG INVERTER 270

- Simple dévidoir  
réf : ZU810020

#### Livré avec :

- Chariot
- 1 torche Twist 150 3m
- 2 bobines de fil (acier 5kg Ø0.8+ cupro 5kg Ø0.8)
- 1 débilitre

- Double dévidoir  
réf : ZU810019

#### Livré avec :

- Chariot
- 2 torches Twist 150 3m
- 3 bobines de fil (acier, cupro en 5kg Ø0.8, alu en 2kg Ø1)
- 2 débilitres



**N'oubliez pas !**

### **Les câbles et pince de masse**

Câble de masse 16mm<sup>2</sup> - 3.5m  
Réf : 84580123

Câble de masse Cupro/Cupro Twin  
Réf : 84580179

Pince de masse Mig Man  
Réf : 84580180

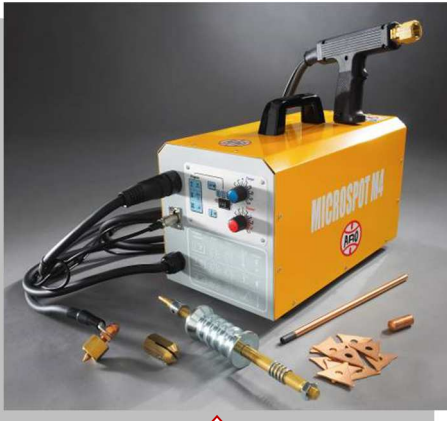


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### THE DENT PULLERS : A CHOICE OF 3 UNITS



#### Microspot M4

#### Steel dent puller 230V 2800A

p/n° : ZU220040

with :

- Single gun
- Earth cable
- Sledge hammer
- Carbon rod
- Crushing Electrode
- Pull tabs
- Electrode for pull tabs
- Universal ground

Available in 400V

p/n° : ZU220051



#### Microspot M6

#### Aluminum dent puller, capacitors discharge, 230V

p/n°: ZU220031

with :

- Gun with integrated earth lead
- Bag of M5x20 alu CD studs

Optional : trolley M4

p/n° : 101011251



#### Microspot M3

#### Steel dent puller 230V 2800A

p/n° : ZU220040

with :

- Single gun (tapered nozzle)
- Earth cable
- Sledge hammer
- Carbon rod
- Crushing Electrode
- Pull tabs
- Electrode for pull tabs
- Trolley
- Universal ground

Trolley M3

p/n° : 101007401



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# ARO WORLDWIDE NETWORK

ARO USA



ARO UK



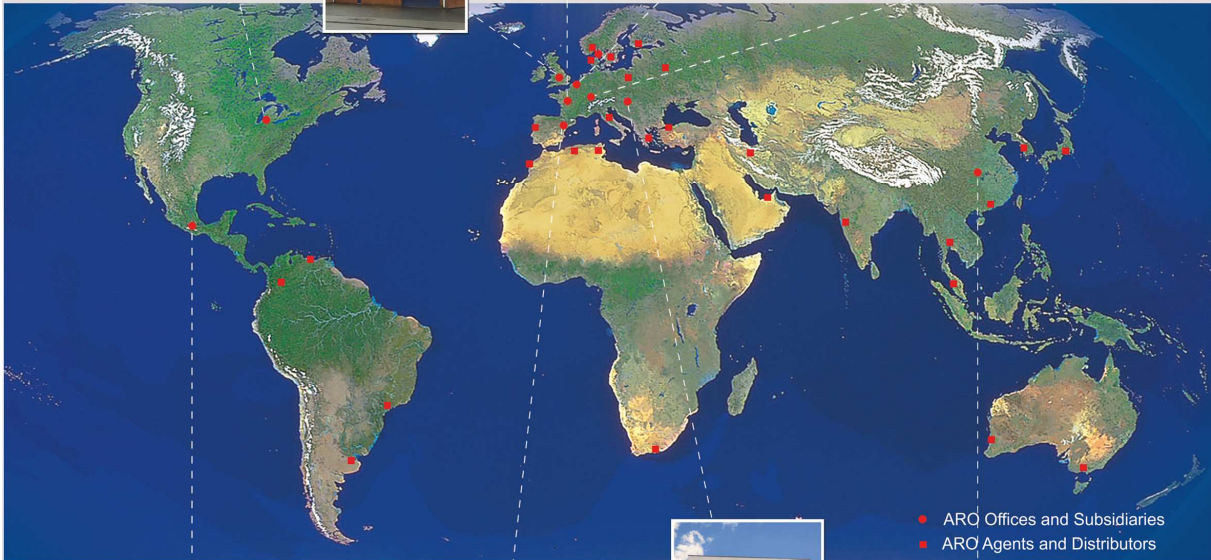
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