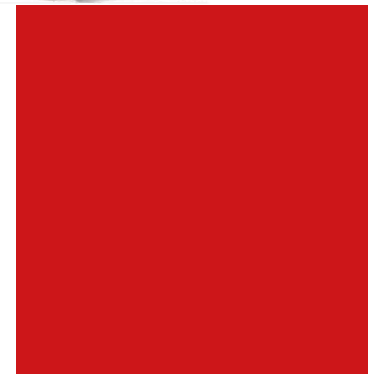
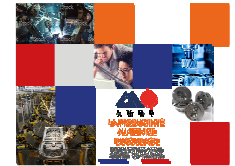


A M D P

LA PRODUCTIVITÉ
AU SERVICE
DU SOUDAGE
PRODUCTIVITY FOR
WELDING

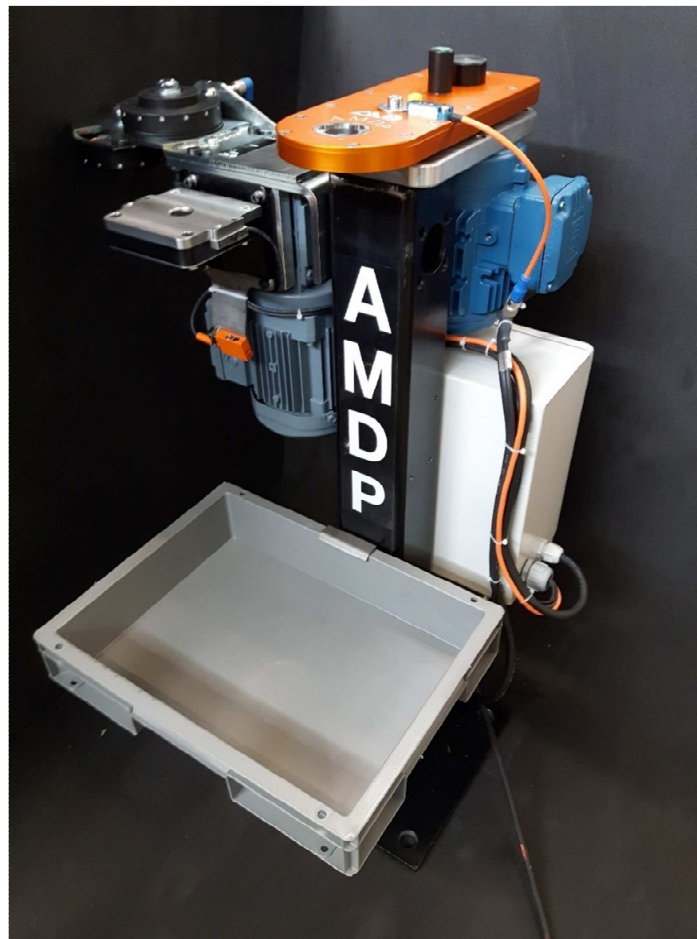
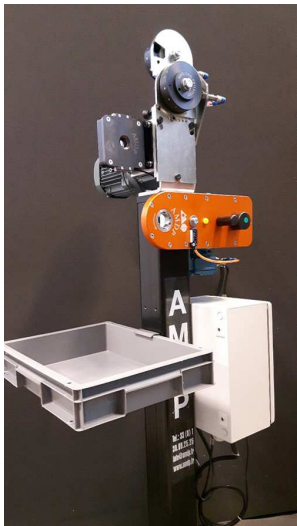


ULTIMATE COMBI – Presentation



NEW ULTIMATE COMBI

Electrode changer and
dresser for robot guns



OVERVIEW

The Combi Ultimate is the combination of a tip dresser and a changer. This machine is to be integrated in BIW cells in order to substantially improve productivity and reliability. It can be supplied in horizontal or vertical position. These guns may be of any size and strength.

PRINCIPLE OF THE CHANGER

The robot approaches the electrode in the AMDP patented extractor, in less than 80° rotation the cap is « cracked » and taken off. The changer is equipped with a recharging plate for upper and lower electrodes. The AMDP extractor allows a simple robot path and enables to renew a cap set in less than 15seconds.

ULTIMATE COMBI – BENEFITS



ULTIMATE COMBI



Productivity

- Fast tip change : **15 seconds** (fastest on the market)
- **Easy and fast integration** : cap extraction operated by the Ultimate changer
- Rotation speed of the cutter increased: **640 rpm**



Reliability

- No maintenance required
- Rotation < to 80° : **no shank damage**
- Adapted to **small** configuration cells
- **2 electrical** independent motors
- **Robust** construction: 2 vehicle lifetime



Service

- **Low maintenance**
- Global distributor network
- Local partners trained by AMDP
- Set up and installation support
- Training on site

MECHANICAL COMBI



Productivity

- Tip change : 30 seconds (2 x Ultimate time)
- Cap extraction made by the only movements of the robot
- Rotation speed of the cutter: **550 rpm**



Reliability

- Rotation < to 40° : no shank damage
- 100% mechanical system for the tip changer
- **Robust** construction: 2 vehicle lifetime



Service

- Medium average maintenance
- Global distributor network
- Local partners trained by AMDP
- Set up and installation support
- Training on site

ULTIMATE COMBI – **AMDP** PRODUCT RANGE



AMDP PRODUCT RANGE



Fixed tip dresser
for robot guns



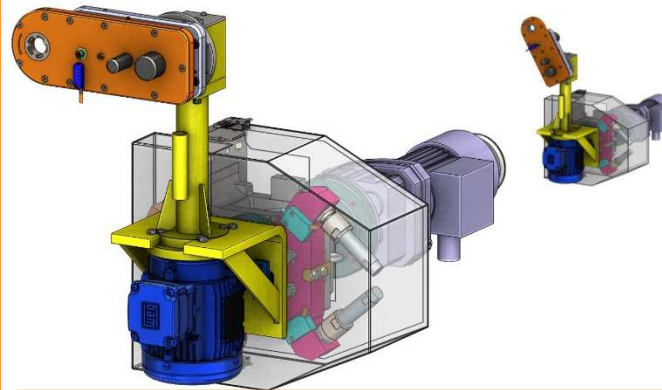
Ultimate changer
for robot guns



Ultimate COMBI
for robot guns



**Ultimate mobile
changer**
for fix guns



Unique option on the
market : 3rd control
position available

Swing Arm for fix guns



Adapted cutters with
double blades and
evacuation swarfs



Water saving
system



Manual
pneumatic
tip dressers



Tip
dressing
bench

AMDP - Customer values



| | | |
|--|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Reliability | <ul style="list-style-type: none">• Product quality• Durability• Performance |
| | Productivity | <ul style="list-style-type: none">• Production cost reduction• Increase productivity• Reduce waste |
| | Safety | <ul style="list-style-type: none">• Environmental responsibility• Product integrity ISO 9001• Employees safety & ergonomics |
| | Intelligent Systems | <ul style="list-style-type: none">• Smart equipment• Connectivity• Easy Integration |
| | Expertise & Service | <ul style="list-style-type: none">• Customized solutions• Expert specialist global network• Assistance |

AMDP made for Industry

AMDP IN THE AUTOMOBILE INDUSTRY



AMDP is committed in offering to the automotive industry the most complete range of products dedicated to tip dressing and changing. With 30 years of experience, AMDP brings now to the market the Ultimate Combi, which is the reference in productivity for tip dressing and changing.

OUR VALUES

RELIABILITY

Product quality ,Durability,
Performance.

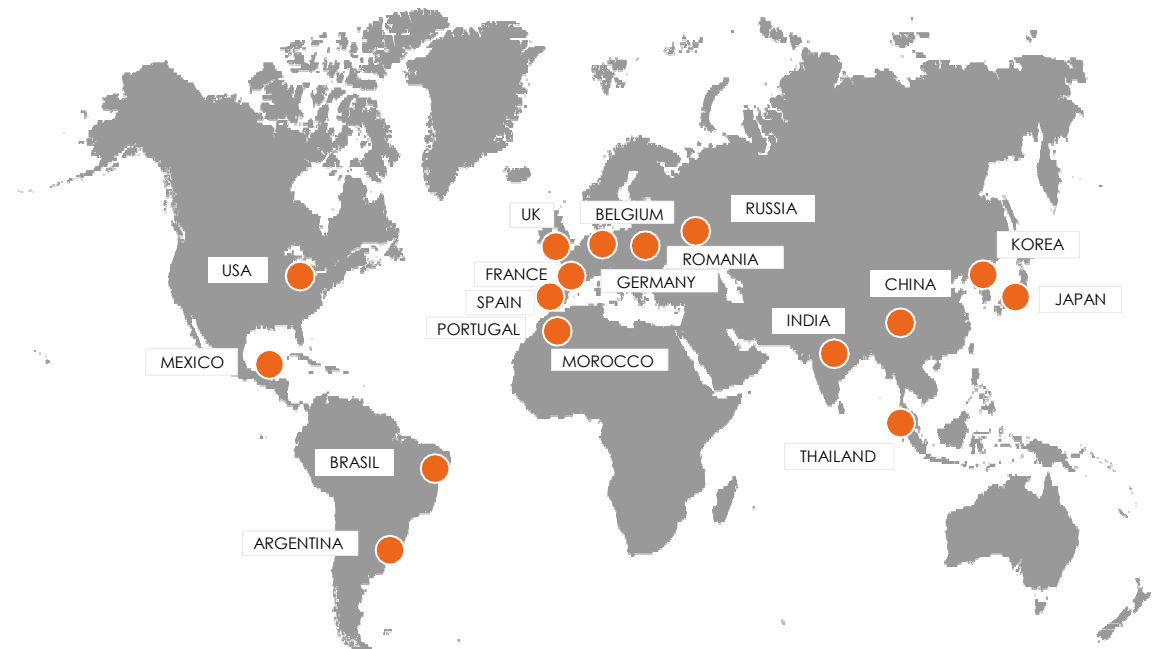
PRODUCTIVITY

//Production cost reduction,
Increase productivity, Reduce
waste.

SERVICE

Global Assistance & Distribution
network, Customized solutions.

AMDP WORLDWIDE



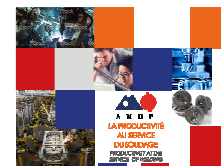
DISCOVER THE NEW AMDP SITE
IN 2018



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THANK YOU