

# ARCAL™ Force Powerful results



The powerful gas solution for  
MAG welding of heavy structures:

- All-purpose MAG welding of carbon steels
- Highly tolerant of different fit-ups  
and surface preparations

# ARCAL™ Force

The high-performance gas shielding solution for MAG welding of heavy structures



MAG welding of carbon steel

## Reliability

### Product quality

- Ar-18% CO<sub>2</sub> with controlled oxidation level.
- Compliant with ISO 14175-M21-ArC-18.
- Low level of H<sub>2</sub>O and N<sub>2</sub> impurities.



Suitable for heavy thickness

## Simplicity

### All-purpose MAG welding of carbon steel

- All position welding.
- Highly tolerant: oxidized or contaminated surfaces, gaps or mismatches.
- Suitable for manual and automatic welding, solid or flux cored wire.

### Designed for heavy applications

- Containers, earthmoving equipment, shipyards, etc.



Multi pass welding - vertical up

## Performance

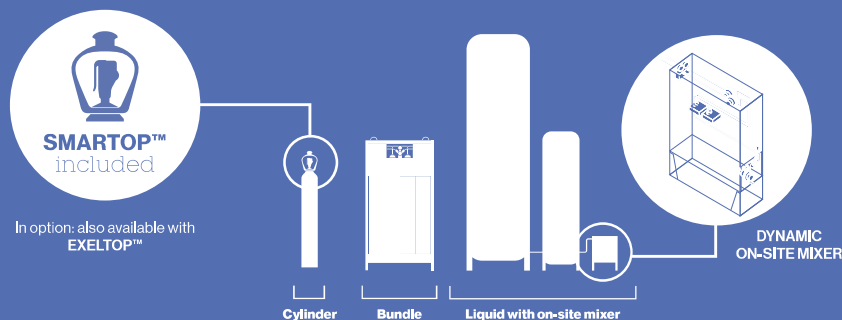
### Weld quality

- Mechanical properties secured with a large, rounded penetration weld shape.
- Excellent weld bead soundness (X-ray quality).

### Savings and productivity

- Reduction of filler material consumption by low spatter emissions compared to gases with higher CO<sub>2</sub> content.

ARCAL™ Speed is available with the best supply modes ensuring quality, consistency and ease of use



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