

ARCAL™ Force

Powerful results



The powerful gas solution for MIG welding of heavy structures

- All-purpose MIG welding of carbon steels
- Also for Metal Cored Arc Welding (MCAW)
- Tolerant of different fit-ups and surface preparations

ARCAL™ Force

The high-performance welding gas solution for MIG welding of heavy structures



MIG welding of carbon steel

Reliability

Product quality

- Ar-18% CO₂ (carbon dioxide) | M21-ArC-18 with controlled oxidation level
- Exceeds AWS A-5.32/ISO 14175 requirements
- Very low levels of moisture (H₂O) and nitrogen (N₂) impurities exceed industry standards
- Consistent gas mixtures, from cylinder to cylinder, to liquid supply



Suitable for heavy thickness

Simplicity

All-purpose MIG welding of carbon steel

- All position welding
- Highly tolerant: oxidized or contaminated surfaces, gaps or mismatches
- Suitable for semi- and fully-automated welding with solid or metal-core wires

Designed for heavy applications

- Containers, earth-moving equipment, shipyards, etc.



Good, sound weld

Performance

Weld quality

- Quality standards secured with a large, rounded penetration weld shape
- Excellent weld bead soundness (X-ray quality)

Savings and productivity

- Reduction of filler material consumption from low spatter emissions compared to gases with higher carbon dioxide (CO₂) content

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ARCAL Force is available in several innovative supply modes ensuring quality, consistency and ease of use

