



MAKE WORK
LIFE EASIER



INTELLIGENT
TORCH SOLUTIONS

ARC M SERIES

SAY HELLO

TO OUR VISION OF THE FUTURE



Our Story

Every brand has a story; every brand is a story.

What is our story ?

It's simple - to design and manufacture technically superior welding torches which make work life easier.

The Epitome of Research, Design and Development

To produce hand tools that reach the pinnacle of performance, durability and functionality you have to be passionate about what you do.

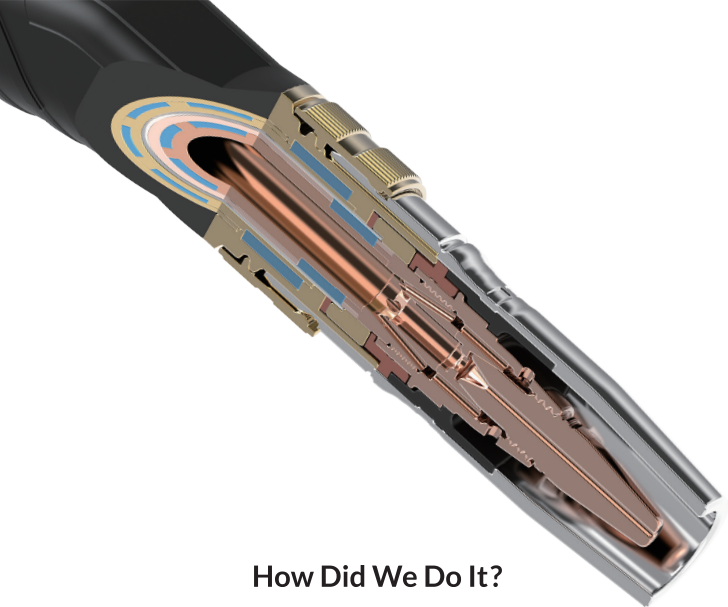
The research and development department is the beating heart of our company.

Every single component is conceived, developed, manufactured and tested in-house.

Our development and testing activities are loaded with cutting edge technologies, many of which have been developed specifically by us to meet the very stringent demands we place on our design solutions.

These specialized, bespoke solutions allow us to develop products that surpass the prerequisite of industry standards, inventing increasingly more beneficial products that deliver maximum results for the welder.

This is not business as usual.



How Did We Do It?

The range utilizes new and groundbreaking torch technologies in order to offer a quantum leap forward in power output and wear parts durability.



BI FLOW-2
TECHNOLOGY



NRS
TECHNOLOGY



SIC
TECHNOLOGY

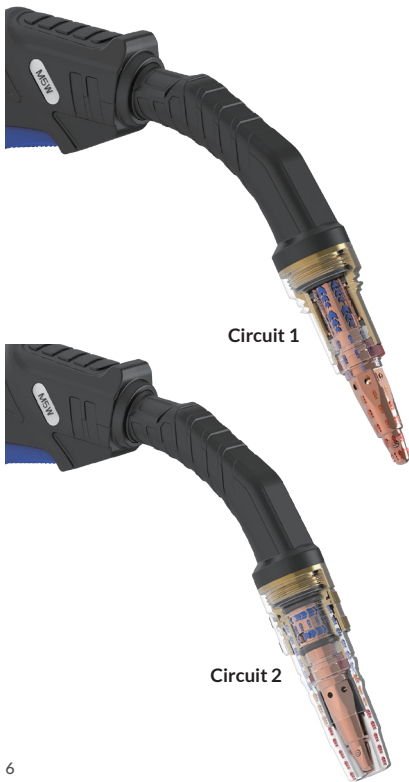


OSW
TECHNOLOGY

BI-FLOW2 TECHNOLOGY

Increased Capacity Liquid Cooling Systems

Re-engineered high capacity cooling chambers remove excessive heat at source.



NRS TECHNOLOGY

Nozzle Retention System

NRS Technology combines a Liquid-Cooled nozzle seat and a push-on nozzle with a threaded retention system. The design solutions force cool the nozzle, aid spatter removal and increase front-end wear parts durability.



SIC TECHNOLOGY

Spatter Isolation Chamber

A uniquely designed spatter "well" accumulates molten metal particles safely and works in conjunction with the nozzle retention system for trouble free removal of the nozzle and spatter ring.



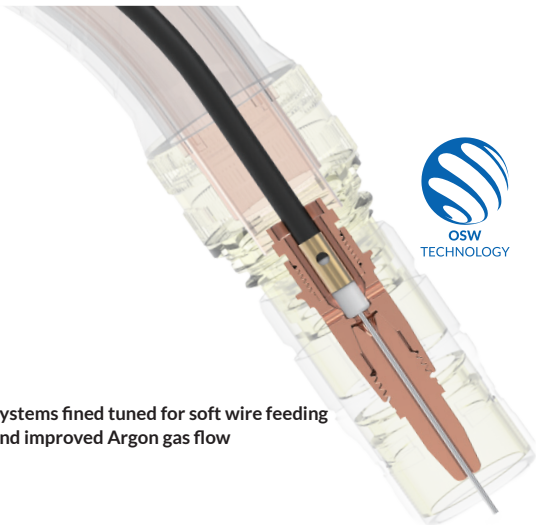
OSW TECHNOLOGY

Optimized for Soft Wire Welding

Hard and soft wire welding processes are very different.

From drive roll to contact tip every small detail that affects soft wire welding has been considered.

Technical design solutions have resulted in a more efficient delivery of the filler metal from the machine to the torch head.



Systems finely tuned for soft wire feeding and improved Argon gas flow



Industrial Air-Cooled Series

The Arc Industrial Mig Range tackles everyday jobs effortlessly. Air-Cooled torches under 250A CO₂, 220A mixed gas focus on weight, balance and ergonomics.

New cable systems and knuckle joints make easy work of light Industrial processes.

Armoured swan necks and unique front-end wear parts add to the durability and reliability of the range.

Designed utilizing:



MAKING EVERYDAY JOBS EFFORTLESS

With focus on weight, balance and wear parts durability the new range offers the latest in cutting edge professional welding tools.

Improvements attained:

- Torch performance to weight ratios
- Weld spatter accumulation and removal
- Argon gas sealing
- Laminar Argon gas flow for bright and clean welds

| **This is not business as usual.**

TECHNICALLY SUPERIOR

TO MAKE WORK LIFE EASIER





High Performance Air-Cooled Series

Medium and heavy industrial applications around the world demand rugged, durable performance welding tools.

Air-Cooled torches over 280A CO₂, 250A mixed gas focus on performance and power output.

All high performance Air-Cooled Mig torches utilize new and ground breaking torch technologies to offer the latest in cutting edge professional welding tools.

Designed utilizing:



RUGGED AND DURABLE PERFORMANCE WELDING TOOLS

A clinical focus on detail has pushed the capabilities of the Air-Cooled high performance series.

Improvements attained:

- Torch performance to power ratings
- Nozzle performance and durability
- Weld spatter accumulation and removal
- Tip working temperature and softening thresholds
- Argon gas sealing
- Laminar Argon gas flow for bright and clean welds

| **This is not business as usual.**

TECHNICALLY SUPERIOR

TO MAKE WORK LIFE EASIER





High Performance Liquid-Cooled Series

Liquid-Cooled torches over 380A CO₂, 350A mixed gas provide a quantum leap in power output to weight ratios and wear parts durability.

Marginal gains realized at every critical stage of component design lead to enhanced torch performance for increased arc time and lower overall arc costs.

Designed utilizing:



BI FLOW-2
TECHNOLOGY



NRS
TECHNOLOGY



SIC
TECHNOLOGY



OSW
TECHNOLOGY

MARGINAL GAINS AT EVERY LEVEL FOR MASSIVE GAINS IN PRODUCTIVITY



Improvements attained:

- Torch performance and power ratings
- Nozzle performance and durability
- Weld spatter accumulation and removal
- Tip working temperature and softening thresholds
- Argon gas sealing
- Laminar Argon gas flow for bright and clean welds

| **This is not business as usual.**

TECHNICALLY SUPERIOR

TO MAKE WORK LIFE EASIER

A man with short brown hair and a light beard is looking directly at the camera. He is wearing a blue and black high-tech jacket with reflective yellow-green stripes. He is holding a black power tool with a pink tip in his right hand and a coiled black hose in his left hand. The jacket has the Arctorchology logo on the chest, which includes the letters 'ar' and the text 'TORCH' and 'INTELLIGENT TOOLS'.

SAY HELLO

TO OUR VISION OF THE FUTURE

ARCT

Arc Mig and Tig Torches

MAKE WORK LIFE EASIER

To find out more, sign up to our newsletter
www.arctorchology.com

ARC M SERIES

Make Work Life Easier

MN_WHATISARC_002



MAKE WORK
LIFE EASIER