

MECHAFIN AG



MECHAFIN



www.mechafin.com

OUR COMPANY

Mechafin AG develops and manufactures welding torches, wire drive systems and welding accessories for industrial use under the harshest conditions.

Based in Geroldswil, a suburb of Zurich, and founded in 1965 by Otto Schoch. Early on, the company specialised in the development and production of inert gas shielded torches for MIG welding and wire drive systems for demanding applications. "The high demands of our customers are our daily challenge and motivation."

Many years of experience in a medium-sized company environment with a high degree of flexibility for customers helped Mechafin gain an international reputation as a unique partner. Driven by a passion for pragmatic and reliable solutions, Mechafin manages to meet the needs and expectations of its customers every day.

Mechafin welding torches and wire drive systems are used worldwide in a wide range of industries, for example in shipyards, on oil platforms, in coal mines, in the automotive and railroad industries

Whether liquid or gas cooled welding torches, whether you want to weld aluminium or other materials, you can be sure to find the right equipment and the best solution in the Mechafin range. Mechafin welding torches are robust and long-lasting, and



WELDING TECHNOLOGY IS OUR PASSION

guarantee smooth welding processes at all times with maximum performance for manual, semi-automatic and fully automatic use as well as for use with robots.

A wide range of accessories is available for all welding torches, such as liners, gas diffusers, nozzles and contact tips.

As with the welding torches, Mechafin also focuses on the highest quality «Made in Switzerland» and on the best possible reliability and durability for the wire drive systems. The wire drive systems are available in three main product lines, based on feed roll sizes of 30mm, 37mm and 40mm. Different drives and DC motors are available for each series, ranging from 40 to 250 W at up to 270 rpm. There is also a wide range of motors with encoders or tachometers.

Production takes place both in Switzerland and in England, at the subsidiary Mechafin UK LTD, which was founded in 1990.

Innovation in the development of new equipment, in close collaboration with customers, has distinguished Mechafin on the international market for many years. Mechafin AG is supplier to most of the leading welding equipment manufacturers.

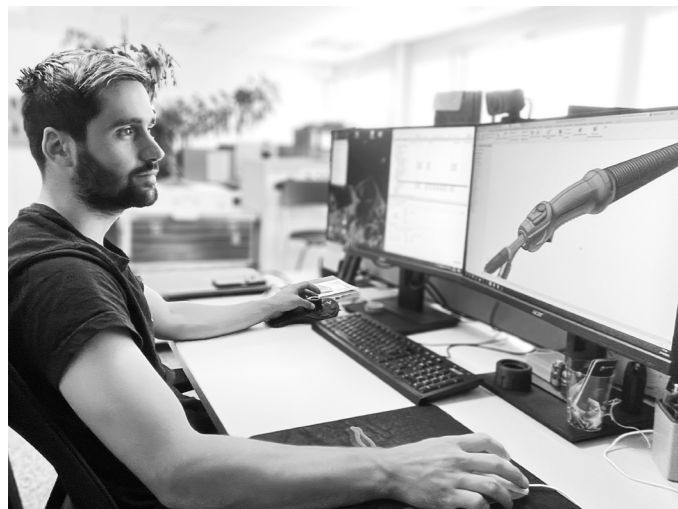


OUR STRENGTHS

The team of people working for us is what defines us as the company we want to be. They are our know-how, our motivation, our success.

Each individual contributes to our success as a team and together we achieve our goal: first-class products for the welding industry.

What sets us apart are the people who work for us. They are the key to our joint success. They perform first-class work because they do their job with enthusiasm. We are proud of the team our employees form - across all locations and national borders. They are competent, committed, motivated and work with a high degree of professionalism.



PRODUCTS

MIG/MAG Manual Welding Torches

Available are gas-cooled, water-cooled and with water super-cooling. Smoke extraction is available as an option for all variants. The torches are characterised by the following features:

- Ergonomically and technically proven, 100% reliable
- Top quality recognised and used worldwide
- Ergonomically shaped handle for comfortable and easy work
- Time-saving torch change due to the Euro Central Adapter System



MIG/MAG robot welding torch



Gas- and water-cooled torches are available for robots and automatic systems. They are characterised by the following features:

- Simple and compact design
- Technically proven, easy to service
- Reproducible neck position
- Improved duty cycle due to innovative cooling
- Swan necks of 180° / 45° / 22,5°

Push-Pull Systems

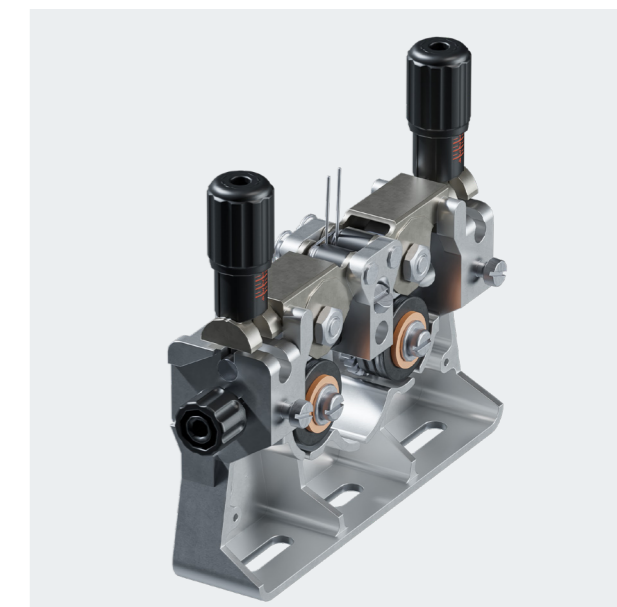


The Mechafin Push-Pull units are the smallest of their kind, very light, handy and available for water- or gas-cooled torches as well as with smoke extraction. They are characterised by the following features:

- Can be connected to any welding machine thanks to the Mechafin control unit.
- Extremely powerful feed unit, built for long life cycles under tough operating conditions
- Cable lengths of 10m, 15m, 20m and 25m
- Currents up to 400 Amp

Wire Drive Systems

Mechafin AG offers a wide range of 2-roll and 4-roll wire feeding units. Cases are available in die-cast aluminium or fibre-reinforced plastic. Front-opening MEFR or side-opening MESR compression levers are also available in aluminium or glass-fibre-reinforced plastic. Depending on the chosen model, feed rollers are available in the sizes 30mm, 37mm or 40mm. Various drives (1 drive pinion / 2 drive pinions geared) as well as a «Top-Bottom-Groove» (TBG) can be selected in combination with various motors.



Accessories

A wide range of accessories is available for all welding torches, such as liners, gas nozzles, nozzles and contact tips, and a variety of feedrolls, gears and motors for the wire feeders.

The background features a solid yellow vertical bar on the left side. Overlaid on this and the white background are several thin black lines forming geometric shapes: a large downward-pointing chevron, a large circular arc on the right, and two rectangular shapes at the bottom.

Mechafin AG

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