

LORCH
smart welding

THE ROBUST MULTI-TALENT.

The MicorMIG mobile.



www.lorch.eu

MICORMIG MOBILE

**ROBUST.
DIVERSE.
COMPACT.**

The MicorMIG technology you know and love – now in a mobile solution..

The MicorMIG mobile combines the tried and tested technology from the MicorMIG series with the flexibility of a mobile and compact solution. Be it on construction sites, at assembly, or as a flexible solution in island production – the MicorMIG mobile stands out with space-saving design and high performance, delivering precise weld seams of the highest quality anytime and everywhere.

Thanks to intuitive operation, robust construction, and diverse uses, the MicorMIG mobile is the perfect solution for welders with uncompromising demands. The tried and tested strengths, combined with the new mobility and comprehensive accessories, turn the MicorMIG mobile into a diverse and individual system that is able to grow along with its tasks and uses.

**MOBILE INDUSTRIAL HOUSING.
DIVERSE USES.
ADAPTABLE ACCESSORIES.**

The MicorMIG mobile's robust housing is perfect for use in tough environment. Excellent carrying ergonomics and low weight make it easy for two people to carry the system.

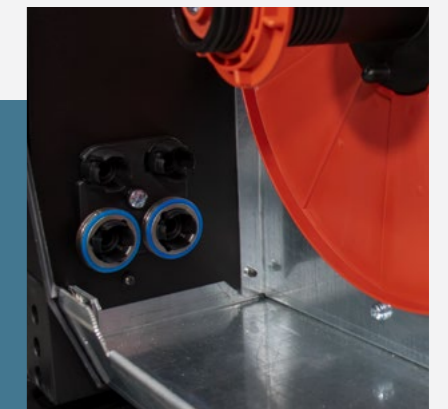
The MicorMIG mobile can be flexibly used in stationary and mobile applications. Its diversity makes it ideal for any applications from construction sites to industrial production environments.



Heavy duty trolley



Ergonomic handles



Wire feed rolls holder

Convincing technology with a long life:

- ✓ Quick and simple operation
- ✓ Simple setting thanks to pre-defined synergic welding programmes
- ✓ Robust, dynamically controlled arc
- ✓ MIG-MAG, TIG, and MMA – all procedures included
- ✓ Suitable for all common materials
- ✓ Always with the perfect welding processes for the application
- ✓ Future-proof: Processes can be upgraded as required
- ✓ Simple job storage and transmission by NFC

OPERATION HAS NEVER BEEN SIMPLER THAN IN THE MICORMIG!



For beginners and pros – the intuitive operation of the MicorMIG.

The MicorMIG could not be any easier to operate. The pre-defined Synergic welding programmes allow the user to set one welding parameter and will then set all the others automatically. Combined with the modern, dynamic MicorMIG control technology, its operation is easy to understand and does not require any complex setting of parameters. This intuitive practical comfort operation with graphical display and job memory makes the MicorMIG popular among professionals and beginners alike – simple, smart, and without any useless frills.



As few as 3 steps will lead to the perfect welding result.

1



Select your material, wire, and gas

2



Select your process and 2-/4-step

3



Setting parameters

SAFELY AND SMARTLY INTO THE FUTURE.

Stay flexible with NFC upgrades.

The MicorMIG series make you completely future-proof with system functions that will grow along with your needs. They make sure that you always have just the functions you need. How does it work? The NFC function makes all MicorMIG systems fully upgradable. Therefore, you can install additional welding processes, welding programmes, and functions to simplify work with NFC cards subsequently at any time in the future – quickly and without the need for any external support.



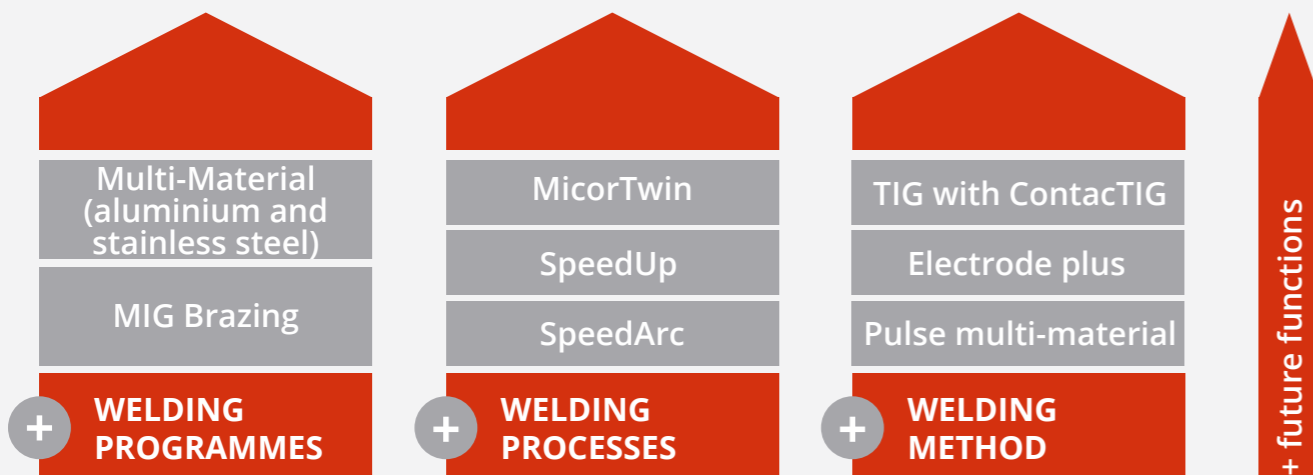
Customisable authorisation system – Securing quality and ensuring safety.

NFC technology allows setting up of personalised authorisation for welding system operation. NFC authorisation cards can be used to limit parameter adjustments, restrict access to the system, or lock it entirely after work. This concept permits simple quality assurance and safety.



Saving jobs becomes easy – with NFC job cards.

A MicorMIG can save up to 100 welding tasks and call them up again. You have several MicorMIG systems and would like to set the same parameters on each of them? Nothing could be simpler! NFC technology can save the job on a NFC card and call up the parameters within seconds on any MicorMIG series system. It is barely any work at all.



Lorch Connect: Your entrance into digital welding production.

Lorch Connect, the simple and cost-efficient cloud solution for reliable recording and analysis of your welding production data, lets you take a large step towards industry 4.0. It couldn't be any simpler: Connect. Weld. See clearly.



For everyone who wants everything – the full-process-equipment.

Do you want full flexibility and get the maximum out of your system? Secure the full equipment package for your new top welding system now, including all welding methods and processes – at an unbeatable price!



Lorch Connect
Use for 12 months without any risks!

Try it now, without any risks: Every Lorch Connect Gateway allows free use of all current Lorch Connect series for one year. After this, you can book and use the service for EUR 9.90 per gateway and month.

Are you interested now?
Find more interesting information at www.lorch-connect.com.



ALWAYS THE RIGHT PROCESS – THE MASTERS OF SPEED.

Our latest innovation: Lorch MicorTwin – the perfect weld appearance at highest speed.

An attractive weld appearance is often valued highly when welding thin and medium sheets (1-8 mm) in visible locations. The TIG welding method was used here in the past due to its ability of producing beautiful weld seams with an even pattern. The MIG-MAG welding method will be able to do the same now. This makes the process simpler in many areas. For example, double the amount of equipment is no longer necessary, and highly specialised workers can be relieved to take on other tasks that would have to be solved with the TIG procedure otherwise. The perfect weld appearance can be produced easily, by anyone, time and time again. Double welding speed is added to all of the advantages already mentioned!

This offers beautiful weld seams with the highest speeds.



MIG-MAG MicorTwin



TIG

THE FLUX-CORED WIRE PACKAGES MAKE WELDING EVEN MORE EFFICIENT NOW.

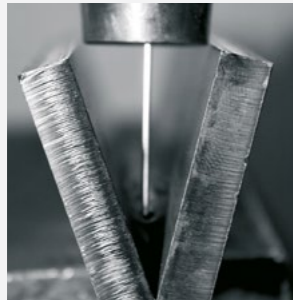
Flux-cored-wire welding + Lorch Speed processes

Customers weld up to 30% faster with the Lorch flux-cored wire synergic lines, combined with a Lorch welding unit + Speed processes.

Flux-cored wires are particularly popular in welding applications with thick and heavy parts subject to high dynamic stresses. Lorch welding units and the Lorch flux-cored synergic lines, combined with the innovative Lorch Speed processes, can expand the application fields of metal-cored & flux-cored wires considerably whilst improving welding speed. Welding turns even more efficient in combination with the Lorch-Speed processes.

Are you interested? Contact us!

Further Masters of Speed for the MicorMIG.



SpeedArc

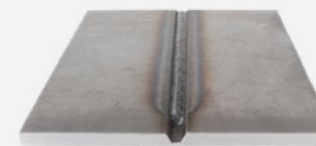
Stands out with a particularly focused arc and a significantly higher arc intensity.



SpeedUp

Simple and reliable Welding vertical welds without Xmas tree welding.

Maximum power with flux-cored wire.



Metal-cored wire with SpeedUp



Metal-cored wire with SpeedArc



Flux-cored wire with SpeedArc

Overview of the advantages of the Lorch Speed processes.

Our processes significantly increase your welding speed, noticeably simplify the process, and enable unparalleled productivity.

- Higher speeds
- Better weld seam quality
- Higher penetration
- Better look of the weld seams
- Lower welding fume emissions
- Quieter work
- Increased weld integrity due to improved process control

Learn more about our MIG-MAG Speed processes here:



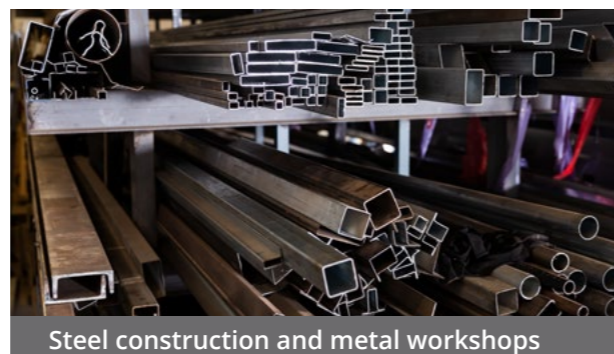
THE MICORMIG MOBILE MAKES A DIFFERENCE HERE.

Flexibility where it is needed.

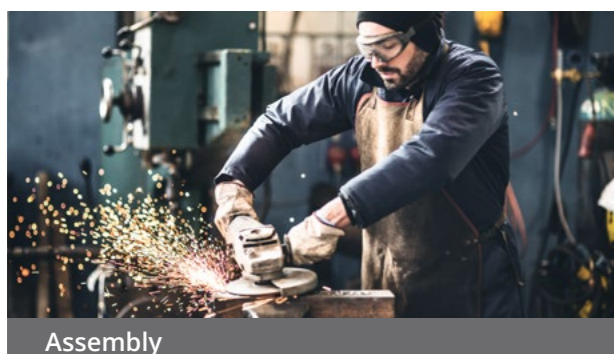
The MicorMIG mobile provides the flexibility needed for modern welding tasks. No matter where you are working; this mobile solution will adjust to your requirements and supply reliable results at all times.



Metal-processing industry



Steel construction and metal workshops



Assembly



Construction trade



Metal-processing crafts

Our partners are ready for you. Surely also in your area.

Find a partner now:
www.lorch.eu/find-partner



VERSIONS

	MicorMIG mobile 300	MicorMIG mobile 350
Welding area	25 – 300 A	25 – 350 A
Voltage setting	stepless	stepless
Mains connection 3 ~ 400 V	●	●
Operation concept		
ControlPro	●	●
Cooling version		
Gas	●	●

● Optional ● Standard equipment ○ Optionally available

TECHNICAL DATA

	MicorMIG mobile 300	MicorMIG mobile 350
MIG-MAG		
Welding current	25 – 300 A	25 – 350 A
Current at 100 % ED (40 °C)	200 A	250 A
Current at 60 % ED (40 °C)	250 A	300 A
ED at I max.	45 %	45 %
Unit		
Mains voltage	3~400 V	3~400 V
Admissible mains tolerance	± 15 %	± 15 %
Mains fuse, slow blow fuse	16 A	32 A
Mains plug	CEE 16	CEE 32
Dimensions (L × W × H)	635 x 310 x 547 mm	635 x 310 x 547 mm
Weight	35 kg	35 kg
Efficiency I2 max.	89 %	89 %



MADE IN GERMANY

Your local Lorch partner:



For further information, see
www.lorch.eu



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