Industries that we are closely familiar with.


Steel construction


Mechanical engineering


Tier One Automotive


Agricultural machines


Yellow Goods


Industrial vehicle construction

Time and quality advantages in large workpieces.

"The additional system is the perfect supplement for us. We can use it to weld heavier and more complex workpieces that needed to be welded manually before more quickly and reliably with it as well. This allows us to fill up our stocks more quickly and to immensely shorten our delivery times. ... I think that automation is the future. Even medium-sized enterprises and smaller operations won't be able to avoid it in the long run."

Alko van Gils,
Coordinator production and engineering

At a glance
Pladdet B.V.

- Biervliet, NL
- 110 employees
- Construction machinery
- www.pladdet.nl

Technical data

Version		LMR 2 - TN 3 G	LMR 2 - TN 3 W	LMR 2 - TN 6 G	LMR 2 - TN 6 W
Cooling type		Gas	Water	Gas	Water
CO_2	A	350	450	350	500
M 21 mixed gas	A	300	400	300	450
Duty cycle (ED)	%	100	100	100	100
Wire diameter	mm	0.8 to 1.6	0.8 to 1.6	0.8 to 1.6	0.8 to 1.6
Torch connection		Euro-ZA	Euro-ZA	Euro-ZA	Euro-ZA
Norm		EN 60974-07	EN 60974-07	EN 60974-07	EN 60974-07
Torch geometry	°	0 / 22.5 / 45	0 / 22.5 / 45	0 / 22.5 / 45	0 / 22.5 / 45

Lorch Schweißtechnik – Your robotics system partner.

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info@lorch.eu · www.lorch.eu

LORCH
smart welding

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THE TORCH PROGRAMME FOR ANY PROJECT.

Excellent weld seam quality.
Best economic efficiency.

www.lorch.eu

Excellent performance and maximum productivity.

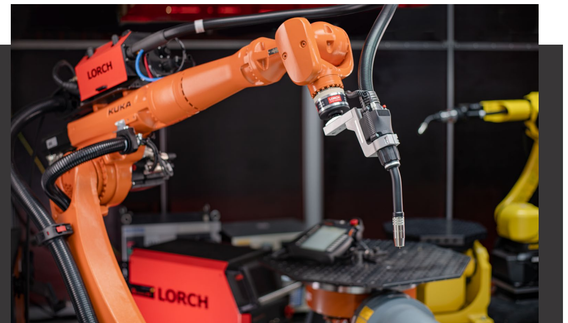
The Lorch LMR-2 system represents economically efficient MIG-MAG welding and brazing.

Lorch supplies smart complete solutions from the torch to the wire feed to the power source – everything from a single source and precisely coordinated with each other. This maximises efficiency, reliability, and stability of your welding automation operation.

The precisely coordinated components also ensure easy and smooth function of the torch system, warranting highest quality and reproducibility of the weld seam as such.
Optimised cooling concepts ensure a long service life of the wear parts and highest economic efficiency as a result.

The most important information for your system integrator:

- Compatible with all common robot types, such as ABB, Fanuc, Kawasaki, Kuka, Yaskawa.
- Interface types: all common bus coupling systems as well as analogue interfaces.
- Wire feed versions: Push and Push-Pull.
- Attachments and comprehensive accessories, e.g. mounting brackets for wire feeds, spool holders.
- Configurable overall system solutions, incl. power source, wire feeder, and torch system.



Plug & weld: A complete solution – customised to your requirements.

2

Robot concepts
Conventional and hollow-wrist

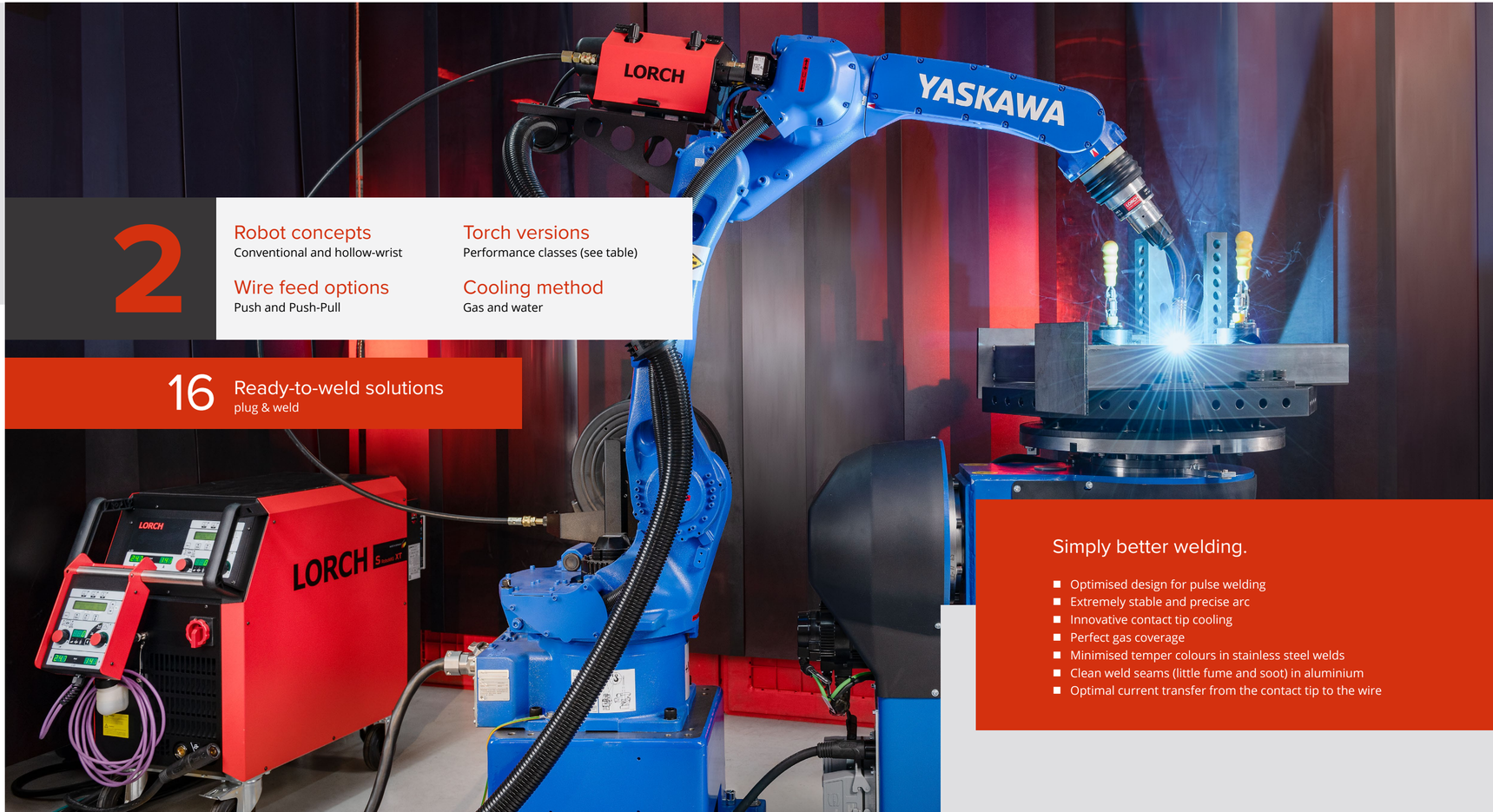
Torch versions
Performance classes (see table)

Wire feed options
Push and Push-Pull

Cooling method
Gas and water

16 Ready-to-weld solutions
plug & weld

Perfect welding systems from a single source and **for any robot.**



Simply better welding.

- Optimised design for pulse welding
- Extremely stable and precise arc
- Innovative contact tip cooling
- Perfect gas coverage
- Minimised temper colours in stainless steel welds
- Clean weld seams (little fume and soot) in aluminium
- Optimal current transfer from the contact tip to the wire