



Easy. Clever.  
Welding.

WELD IT YOURSELF.

**RED**

by  
**LORCH**

# Simply. Clever. Welding in no time at all with RED by Lorch.



For DIY enthusiasts and hobbyists. For the next welding project in your workshop. Easy to use – excellent in the result. **RED** combines clever technology with simple solutions based on the knowledge of the professionals.

No matter if you only weld occasionally, value top TIG seams or have planned the professional entry into welding, RED has the right welding machine for every application.

**RED.** These are the compact all-rounders. They are handy and easy to transport and at the same time really robust, even if it gets a little rougher in the workshop. On the clear graphical display you always have all the parameters at a glance and you can easily adjust them at any time.

RED devices are clever and help you to select the optimal settings for your welding task with the integrated set-up wizard. Welding is really fun with RED's reliable technology. The result: spotlessly clean welds that are impressive. Your next project is already waiting for you and your RED device.

## 3 MASTERS OF THEIR CLASS.



### MMA 160 PRO

Electrode welding.  
Perfect for the hobby welder.

- Small, light and handy
- Very easy to use
- Including instructions for choosing the right welding parameters



### TIG 180 DC

Easy TIG welding.  
Just like a professional.

- Compact and robust
- Low weight
- Intuitive to use
- Better control and easier welding of thin sheets thanks to pulse technology



### MIG 210 SYN

The reliable all-rounder.  
Not only at MIG-MAG.

- Simple operation
- Clear display
- A smart all-rounder with lots of accessories
- Compact, lightweight and multifunctional





For your next barbecue.

WELD IT YOURSELF.

# MMA 160 PRO

Perfect for hobby welders and beginners.

Are you a beginner or do you only weld occasionally? The MMA 160 Pro is made just for you. Small, light, handy and easy to use – ideal for assembly and simple repairs, maintenance work or welding work on site. Almost all weldable materials can be welded. Advanced functions such as Hot Start, Arc Force and Anti Stick make it easier for you to control the welding bath and the arc or prevent the electrode from sticking. With the switchable pulse function, you can maintain control even in demanding positions and loosen the slag more easily. The smart adjustment assistant supports you in selecting the appropriate welding parameters and electrode thickness for the material you want to weld. **This is welding without any frills. With results that can be seen. Unbeatably versatile and super easy to use. The MMA 160 Pro.**

- + Small, light and handy
- + Very easy to use
- + Including instructions for welding parameter selection
- + Perfect for use in your hobby workshop



## Technical Data

Welding	MMA
Welding area	10 - 160 A
Base welding current (IB)	10 - 160 A
Pulsed welding current (IP)	10 - 160 A
Frequency (F)	0.5 - 10 Hz
Duty cycle	25 % 160 A
Electrode diameter	1.6 - 3.25mm
Type of electrode	rutile, basic
Net weight	5 Kg
Mains voltage	230 V (± 10%)

Thanks to extensive accessories, you can start welding immediately.

**Order number: 441.1601.0**

**Included in the scope of delivery are:**

- Welding machine MMA 160 PRO
- + Electrode holder 16 mm<sup>2</sup>, 3 m
- + Ground cable 16 mm<sup>2</sup>, 2 m
- + Carrying case
- + Welding shield
- + Carrying strap for welding machine
- + Combination brush with slag hammer



For recommended retail price (RRP) and more information just scan QR code.

# For your next road trip.

## WELD IT YOURSELF.



### Technical Data

Welding	MMA	TIG
Weldable material	steel, stainless steel	steel, stainless steel, copper
Welding area	5 - 150 A	5 - 180 A
Voltage range	20.2 - 26 V	10.2 - 17.2V
Current at 60% ED (40 °C)	120 A	150 A
ED is with max. Electricity (40 °C)	35 %	30 %
Electrode diameter	1.0 - 3.2mm / 1.5 - 4.0mm	/
Dimensions (L× W×H)	337mm×130mm×211mm	
Net weight	6.5Kg	
Mains voltage	230 V (± 15%)	

# TIG 180 DC

TIG welding like a pro.

Compact, reliable and functional. The TIG 180 DC has everything TIG needs on board. It ignites and welds absolutely professionally and is so easy to use. This makes TIG a problem-free job for steel or stainless steel on assembly and in the workshop. Because this is where performance, reliability and compactness are needed. No matter whether for repair and maintenance work, the reworking of welds or the final assembly of components. Because in practice, the wheat separates from the chaff.

**The TIG 180 DC does not let you down and is the unbeatably affordable entry into the professional quality class for TIG welding.**

- + Compact and robust
- + Low weight and crash protection
- + Intuitive operation
- + Pulse function for spotlessly clean seams as standard



Thanks to extensive accessories, you can start welding immediately.

**Order number: 443.1801.0**

**Included in the scope of delivery are:**

- Welding system TIG 180 DC
- + TIG torch, 4 m
- + Ground cable 25 mm<sup>2</sup>, 4 m
- + Carrying strap for welding machine



For recommended retail price (RRP) and more information just scan QR code.

For your  
next  
adventure.

WELD IT YOURSELF.

# MIG 210 SYN

Reliable and efficient in the workshop and on assembly.

The MIG 210 SYN makes your life easier. Thanks to excellent arc stability, constant welding quality and intuitive operation, you will weld consistently good results – without any stress at all. Whether it's a thin sheet or a thick material, MIG 210 SYN is versatile, reliable and lightweight. With the clear display, you can set the wire diameter, gas and current in no time at all. The synergy function ensures optimal wire feed, but can also be adjusted manually. With 2T/4T mode, inductance adjustment and robust design, the device is ideal for workshop, hobby and even demanding jobs. **Easy welding, strong result.**

- + Simple operation
- + Clear display
- + Top weld seams
- + Smart all-rounder: compact, lightweight, multifunctional



## Technical Data

Welding	MIG-MAG	MMA	TIG
Weldable material	steel, stainless steel		
Welding area	50 - 200 A	10 - 160 A	10 - 200 A
Current at 60% ED (40 °C)	115 A	92 A	115 A
ED is with max. Electricity (40 °C)	15 %	20 %	20 %
Wire diameter	0,6 - 0,8 - 0,9 - 1,0 mm	/	/
Electrode diameter	/	2,5 - 3,25mm	/
Weight of the wire coil	5 kg	/	/
Net weight	10 kg		
Mains voltage	230V ± 10%V		

Thanks to extensive accessories, you can start welding immediately.

**Order number: 442.2001.0**

**Included in the scope of delivery are:**

- Welding system MIG 210 SYN
- + MIG torch 15 AK, 3 m, equipped with 0.8 mm contact tip
- + Electrode holder 25 mm<sup>2</sup>, 3 m
- + Ground cable 25 mm<sup>2</sup>, 2 m
- + Pressure reducer with gas hose 1.5 m (W 21.8 X 1/14")
- + Wire feed roller 0.6/0.8 mm (V-groove), 0.8/1.0 mm (V-groove), 0.8/0.9 mm (knurled)
- + Other accessories: 0.8 & 1.0 mm contact tip



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**QUALITY.**

Quality that convinces.  
Because we are convinced of this ourselves.

RED welding machines are not only solidly built, they are the result of a real passion for good tools. That's exactly why we develop technology the way we would use it ourselves: robust, reliable and with functions that really help you. Clean seams, stable arcs and easy operation are not extras for us, but standard. We believe in honest tools that deliver what they promise and that stand by your side for every project. For hobby, workshop and everything in between. And above all: really good.

**Quality that lasts and is fun.**



**GUARANTEED.**

A service that thinks along with you and keeps your back free.

So that you don't have to wait long in case of emergency, simply register your device online for free and without obligation. This way you get a 3-year warranty, including free repair and shipping service. The registration is valid for privately used devices and works very conveniently via the serial number. This saves time and ensures that we can help you quickly and easily.

**For us, good service is as much a part of quality as the device itself.**



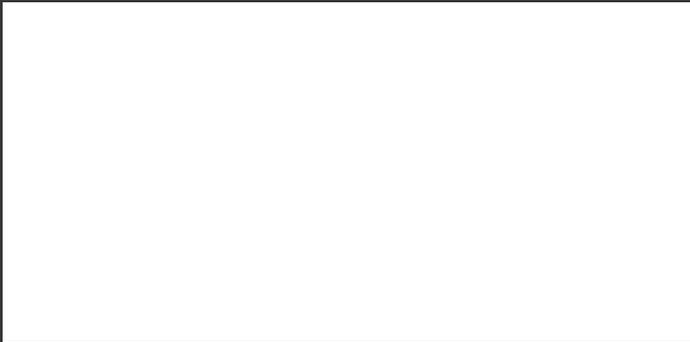
**Registration in 1 minute:**  
Scan QR code. Fill out the form. Secure a 3-year warranty.  
And continue welding in a relaxed manner.

[www.redbylorch.com/warranty-registration](http://www.redbylorch.com/warranty-registration)

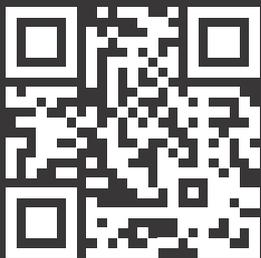


# WELD IT YOURSELF.

RED by Lorch products are only available through authorized resellers.  
Your nearest specialist retailer:



You can get the valid recommended retail prices (RRP)  
via the QR code.



[www.redbylorch.com](http://www.redbylorch.com)

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