

# **ROTHENBERGER**

## **INDUSTRIAL**

Quality since 1949



Soldering & Brazing  
Welding  
Industrial gases  
Heating and Flaming  
Camping  
Garden & Household  
Sanitary installation  
Heating  
Measure, test & inspect  
Hand- and special tools




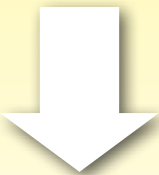





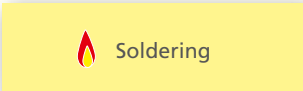




# The customer guidance system that appears on our sales packaging

The ROTHENBERGER Industrial customer guidance system combines packaging, catalogue, "Lötfibel" and "Lötnavigator". These are precisely tailored to your needs and actively support your buying.

The clear colour coding of our gas appliances and solder makes it easy for you to put together your optimal working equipment.

The individual methods are characterised by the following colours or pictograms:

Soldering	Brazing	Gas welding
		
		
 Soldering	 Brazing	 Gas welding
		

Should you have any questions, please contact our Customer Service:  
[info-diy@rothenberger.com](mailto:info-diy@rothenberger.com).

Only through your feedback can we succeed and become even better.

## Safety advice for protection at work

- Safety glasses/welding shield, and depending on the technology used, light protection glasses
- Protective gloves
- Fireproof work pad
- Clean, protective working clothing, sturdy footwear
- Get specific fire-extinguishing agents, depending on the type of work: water-based or powder-based fire extinguishers, water, etc.
- After finishing soldering or welding always read and follow the manufacturer's operating manuals and safety instructions

## Possible causes of poor results

- Wrong solder and / or flux
- Insufficient heat supply: solder doesn't flow or does not cover (formation of drops)
- heat too high: solder and / or flux burns or evaporates
- soldering gap too big: no capillary effect (the solder cannot close the gap)
- pipe ends and fittings have not been cleaned: oxide layer on the surface of the workpiece
- Defective electronic components after soldering: use temperature controlled Soldering Equipment (Elektroniklotstation)

## This type of work must be carried out by a professional!

Never solder or weld tanks because of the high risk of explosion! Do not climb on tanks: high risk of asphyxiation or poisoning!

Pipe joints		surface joints		soldering of electronic components	
Soldering 🔥	Brazing 🔥	Gas welding 🔥🔥🔥	Soldering 🔥	Brazing 🔥	Gas welding 🔥🔥🔥
Cut the pipe with a stable pipe cutter or saw perpendicular to the tube axis		Cut the workpieces, deburr or chamfer the cut surfaces.		Cutting and stripping the cable ends. Preparing and equipping circuit boards.	
After the cut, carefully deburr the pipe ends inside (using the correct tool both inside and outside). After deburring, remove any metal filings and accurately size the pipe ends.		Mechanically clean the joints of any oxidation layer (Cleaning pad, etc.)		Degrease and remove rust from the workpiece weld seam area.	
Clean the soldering surfaces of the pipe ends and the fittings/expanded pipes with Rovlies (metal-free cleaning pad) or special cleaning brushes until bare metal.		Deburr, chamfer and fix the pipe ends.		Position and fix the components.	
Apply flux or soldering paste evenly on the pipe ends, in compliance with the legal guidelines. Brazing of drinking water pipes is permitted from 28 mm. It is necessary to use specially approved solders, fluxes and solder pastes. Wet the pipe and fitting/expanded pipes with flux while turning. Press together.		Assemble the pipe ends.		Apply flux or soldering paste evenly on the soldering surfaces, respectively wetting the soldering wire and fitting/expanded pipe with flux while turning slowly.	
Choice of an appropriate soldering torch.		Choice of an appropriate welding torch.		Choice of the appropriate electric soldering equipment.	
<b>2. Procedures for soldering or welding</b>					
Set the gas soldering machine so that there is a soft neutral flame with a clearly visible flame cone.		Set the gas soldering machine so that there is a soft neutral flame with a clearly visible flame cone.		Set the welding torch so that there is a neutral flame with a clearly visible flame cone.	
Heat the soldering points evenly.		Heat soldering points evenly until the soldering point glows cherry red.		Heat the welding seam until the workpieces become molten.	
Once the soldering paste gleams silver, turn the flame away and fill the soldering gap with solder.		Melt the solder in the flame, until the soldering gap is filled.		Under constant heat supply melt the welding wire in the weld pool.	
Let the soldering area cool down and remove the residues of flux with a damp cloth.		Let the soldering area slowly cool down.		Under constant heat supply melt the solder on the workpiece.	
Rinse pipelines.		Regularly perform leak tests.		Slowly let the soldering area cool down.	
Regularly perform leak tests.				Carefully and cautiously remove any flux residues, in order to avoid corrosion on electronic components, circuit boards, etc.	

## The fundamentals of soldering technique

### Working temperature:

this is the lowest surface temperature where, with the materials to be joined, the solder melts and wets and binds together the soldering area.

### Soldering temperature:

is determined by the working temperature and is limited through the flux temperature, respectively the melting temperature of the solder.

### Solder:

it's job is to bind together two similar or different work pieces. Thus, the composition / alloy of the solder must be appropriate to the workpieces. Depending on the purpose, soft or hard solders can be used.

### Flux pastes:

these are fluxes which are added to solder components for specific uses. With these ready-made flux pastes the soldering areas are thinly coated and when the working temperature is reached, they are wetted all over with solder.

### Flux-filled solders:

these can be soldering or brazing which are already filled with specific fluxes. They can be used without having to add additional fluxes.

### Flux-coated solders:

these are brazing, where the soldering rod is coated with a specific flux. These solders can be used without additional fluxes.

### Soldering devices:

this is the heat source. There are soldering devices with open flame (cartridge and gas powered soldering torches, etc.) and without flame (resistance brazing device, electric soldering iron, or soldering guns, etc.).

# The small soldering manual.

## Introduction to soldering and welding techniques

Soldering procedures can be divided into soldering and brazing, which features a different working temperature, which is higher in brazing. With these soldering techniques, metallic materials, which can be either the same or different, are solidly joined together firmly with heat using a soldering torches and supplying a non-ferrous metal alloy, solder and a specific flux.

Appropriately prepared material surfaces of the base materials are wetted and connected at their surface by the molten solder. Thus, the melting range of the solder is always lower than the melting points of the base materials. By desoldering, connected workpieces can, by supplying heat enough heat to melt the solder again, always be separated, and

can easily get their original shape back. Basically, soldering processes feature easy handling, short working times and relatively low levels of working, which result in no or only minor changes to the quality of the workpiece material itself. When welding, (oxyacetylene welding / arc welding / shielding gas welding), the metallic material of the base workpieces at the junction is melted by heating and forms a structural link with the molten additive (welding rod, rod electrode, wire electrode).

**Professional soldering work guarantees optimal, durable joints. Soldering has been a proven technique for joining workpieces together for many centuries!**

## Perfect soldering equipment in just a few easy steps with the soldering navigator

### Application/Connections

<b>Pipe connections</b> <b>Power Fire</b>	Heading installations (copper pipelines)	
	Drinking water installations (copper pipelines)	
	Gas pipelines (copper pipes for natural gas, butane and propane)	
<b>Guttering, Tinsmith works</b> <b>Guttering soldering set</b>	Copper	
	Titan, Zinc	
	Zinc	
<b>Metallic joints</b> <b>Power Fire</b> <b>Roxy machine</b>	Zinc	
	Stainless steel	
	Aluminium	
	non-ferrous metals (nickel, copper, brass, nickel alloy, zinc, tinplate)	
<b>Electronic components</b> <b>Soldering station</b>	PCBs	
	cables/conductors/wires (copper)	

### Procedure

<b>Soldering</b> <b>Working temperature: &lt; 450°C</b> <ul style="list-style-type: none"> <li>• Low working temperature</li> <li>• Easy handling</li> <li>• Short working time</li> <li>• Almost no change in the quality of the material</li> <li>• Combination of different materials possible</li> <li>• Suitable for soldering electronic joints</li> <li>• Easy desoldering through heat supply</li> </ul>	<b>Brazing</b> <b>Working temperature: &gt; 450 – 1.100°C</b> <ul style="list-style-type: none"> <li>• Combination of different materials possible</li> <li>• Easy handling</li> <li>• High mechanical and thermal stability of brazed joints</li> <li>• Easy desoldering through heat supply</li> </ul>	<b>Gas welding</b> <b>Working temperature: &gt; 1250°C</b> <ul style="list-style-type: none"> <li>• Very high working temperatures</li> <li>• Very high mechanical and thermal strength of the welded joints</li> <li>• Structural connection by fusion of the workpieces</li> </ul>
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### Solder and Welding equipment

Miniset, RoPen, Pocket Torch, Micropen, Soldering iron, Guttering soldering set, Soldering station, Soldering gun, Soldering torch, Soldering torch with piezo, Hot Pack Set, RoFix Set

RoFire, RoFire Piezo, Power Fire, Propan soldering set, Airprop, Turbo soldering set

Roxy Kit Plus, Roxy Mapp, Roxy Universal, Roxy 400L, Three gas system

### Industrial gases

RoFill, Minigas, C200, Multigas 300, Mapp Gas, Maxigas

Multigas, Maxigas, Mapp Gas

Maxigas, Mapp Gas, Azetylen, Oxygen

### Flux

For drinking water installations

Rosol 3

Brazing paste LP 5

–

Not for Drinking water installations

Solder flux, Zinc soldering fluid, Salmiak stone

Welding and brazing powder

Welding and brazing powder

Fittings Solder 3, soldering set		Rotolot 606, 607, Brazing rings	–
Fittings Solder 3, soldering set		Rotolot 606, 607	–
–		Rotolot 607, 610	–
Rod solders 1kg, Rotolot 608		Rotolot 607	–
Rod solders 1kg, Rotolot 608		–	–
Standard solder, Rod solders 1kg, Rotolot 608		–	–
Standard solder		Rotolot 606	Rotolot 601, 602, 603, 605, 611, 612
–		Rotolot 606, 609	Rotolot 601, 602, 603
–		Rotolot 604	–
Standard solder, Rod solders 1kg, Tiffany craft set		Rotolot 601, 602, 603, 606, 607, 609, 610	Rotolot 601, 602, 603
Electronics solder, Radio solder, Electronic set		–	–
Electronics solder, Radio solder, Electronic set		–	–





With ROTHENBERGER Industrial tools you decide for high quality products made by ROTHENBERGER.

Our current range of soldering, welding, plumbing, measuring and hand tools and our equipment for outdoor, camping and household stands out an always innovative technology, powerful processing and high user-friendliness.

For more than 60 years, our family-owned business from Kelkheim has been a market-leading producer of technically advanced pipe tools, machinery and environmental technology, with customers in Germany and all over the globe.

We not only want to satisfy our customers, we want them to be excited.

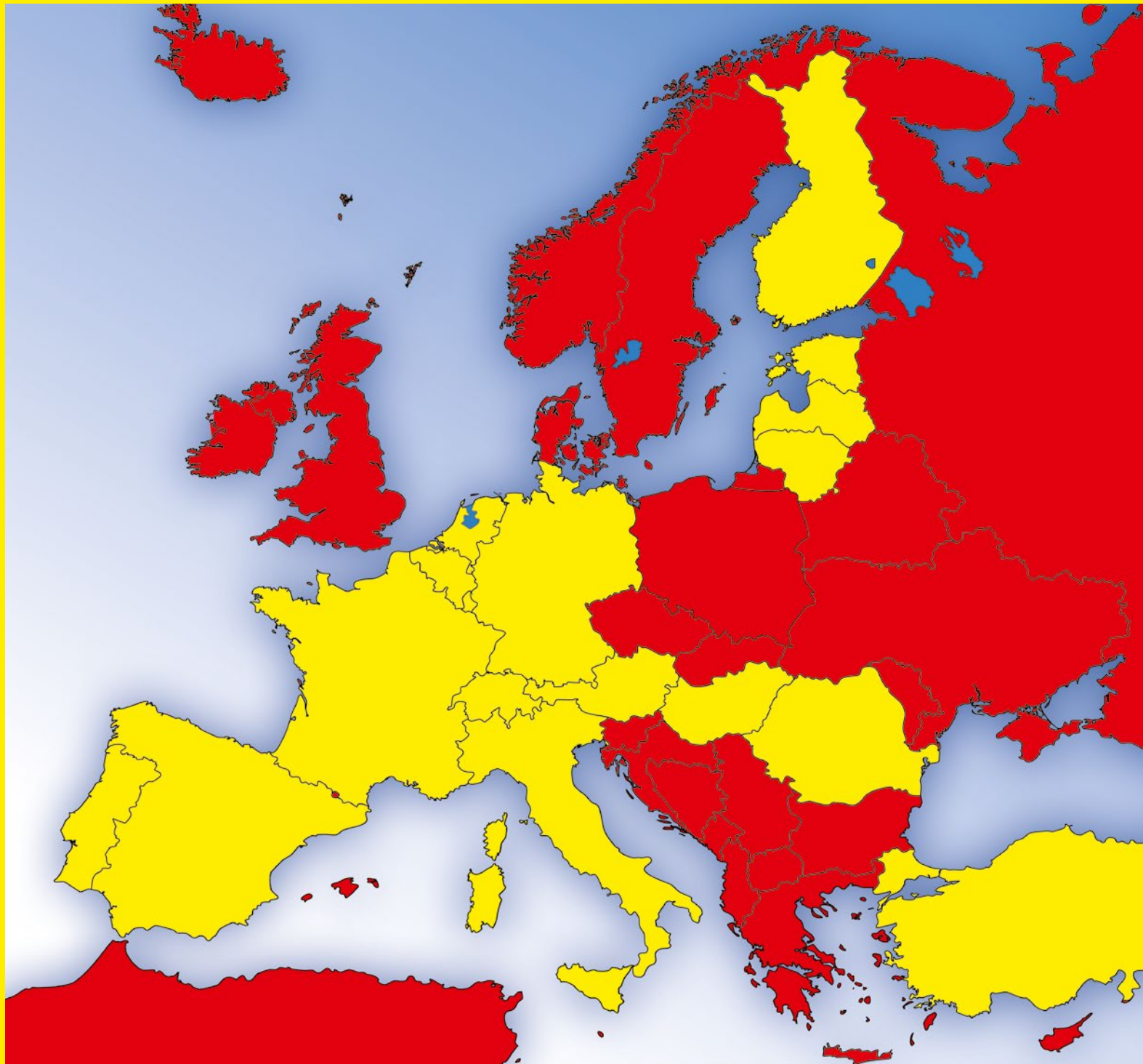
 **ROTHENBERGER**  
**INDUSTRIAL**  
Quality since 1949

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[www.rothenberger-industrial.com](http://www.rothenberger-industrial.com)

# DISTRIBUTOR WANTED!

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- Sweden
- Ukraine
- United Kingdom



**ROTHENBERGER**  
**INDUSTRIAL**



## The company

For more than 65 years, our family business based in Kelkheim, Germany, has been a leading manufacturer of technically sophisticated pipe tools, special equipment and environmental technology – going far beyond the borders of Germany. With more than 1,500 employees in over 50 group companies around the world, we produce and sell approximately 28 million ROTHENBERGER tools every year. Over 150 patents and trademarks, as well as the high level of in-house production ensures the quality of our products.

Based on the wide range of products required for the professional, ROTHENBERGER developed its user-friendly range of products for the professional handyman: ROTHENBERGER Industrial.

ROTHENBERGER Industrial GmbH was founded as a subsidiary of the ROTHENBERGER Group in 2007. Our young company stands for tradition, innovation and superior quality in the DIY/handyman market. This is reflected not only in the products but is also the basis of the corporate culture which defines ROTHENBERGER Industrial as a professional, competent and reliable partner.

With a presence in more than 3,500 professional and DIY stores, our products are available throughout Europe. Our target group of products offers a tailored portfolio of pipe and installation tools – ROTHENBERGER Industrial offers a balanced product assortment for the ambitious handyman. Our wide product range includes – in addition to traditional plumbing and hand tools – soldering and welding products, as well as outdoor, camping and metrology products. The continual maintenance of our product range, innovative packaging and attractively designed modules complement the professional performance program. The extensive distribution ensures the constant availability of our products. The close contact to our customers is one of the main reasons for our success.

Accordingly, our quality standards define our market presence with convenient packaging and well-presented displays in the market place.





## The team

The ROTHENBERGER Industrial team consists of 35 employees, deployed across sales, purchasing, scheduling, shipping, storage, quality assurance and product management.

With our clear corporate structure, we live the seven values of the ROTHENBERGER group as part of the

large ROTHENBERGER family. This cohesion ensures a constant drive for motivation, passion, dedication and innovation creating the foundation of our business.

QUALITY, COMMITMENT and SERVICE are very important to us. Our team consists of highly trained, dedicated and skilled professionals.

## Living the values

We see ourselves as a worldwide family that addresses new challenges with courage and entrepreneurial spirit, always clearly providing the demands and requirements of our products. We believe in quality, diligence, dynamism and respect and see these as

guidelines for our business activities. For the purposes of this corporate philosophy, we have identified seven ROTHENBERGER basic values that underpin our work.



## 1 Cohesion as a family

We are part of the worldwide ROTHENBERGER family.



## 2 Trust

Our corporate culture is built on mutual trust, based on honest and transparent communication, continuous processes and fair cooperation.



## 3 Responsibility

We acknowledge our responsibility for results, resources, and for our own choices. Our commitment and our passion for our jobs leads to high customer and employee satisfaction.



## 4 Efficiency

We work efficiently, because we keep things simple.



## 5 Quality

We are concerned about the quality of employees, products and processes. Therefore, we demonstrate excellence in everything we do.



## 6 Courage

We have the courage to innovate and change things, even if this means that we must step out of our comfort zone.



## 7 Entrepreneurship

In our work, we engage with an entrepreneurial spirit, we are action-oriented, make quick decisions and never give up. We are ready for the future!

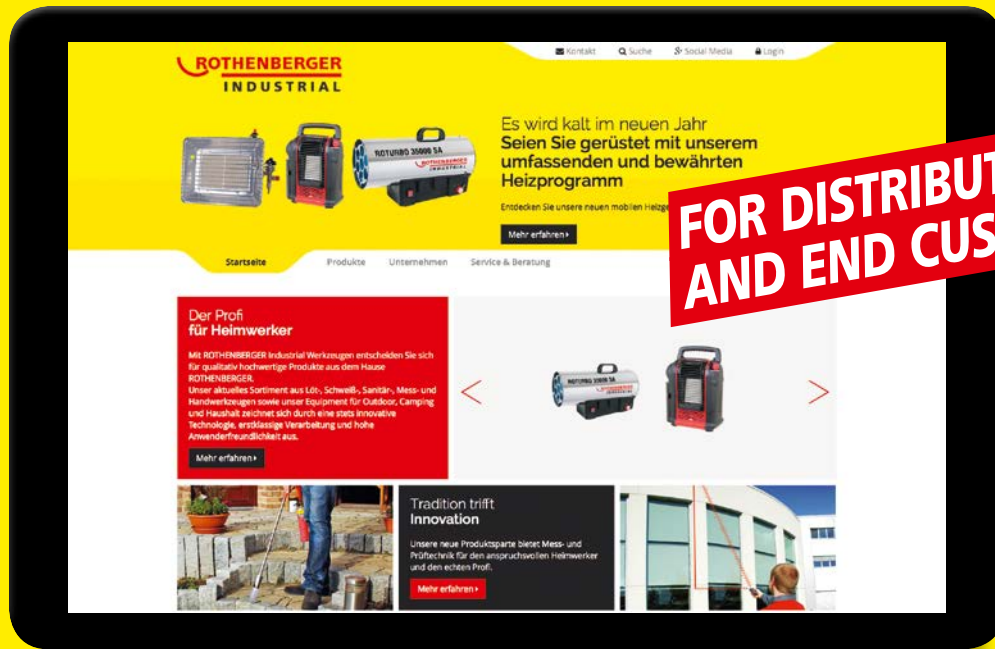


# Main reasons

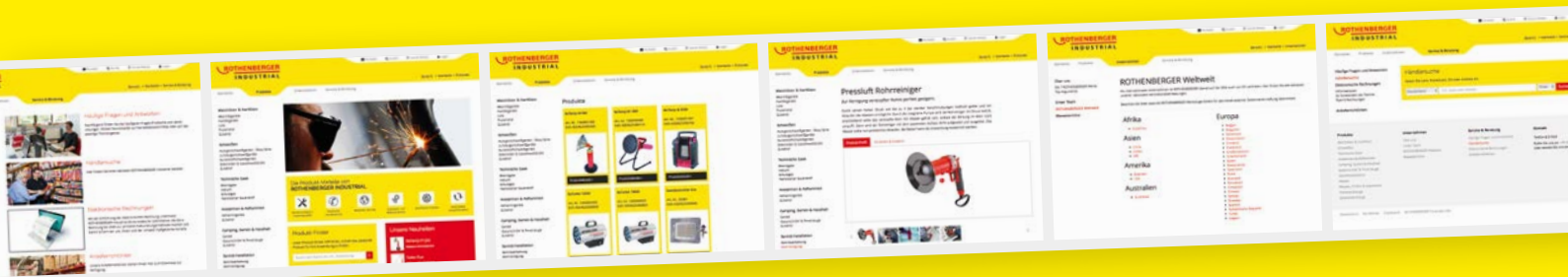
## for choosing ROTHENBERGER Industrial

- 1** Best prices and conditions for A grade quality products
- 2** Comprehensive price-performance relationship for distributors and end customers
- 3** Support for DIY stores through 26 ROTHENBERGER Industrial sales representatives in Germany and 4 in Austria
- 4** Quality! ROTHENBERGER Industrial ever uses high quality brass
- 5** ROTHENBERGER has been financially strong for over 65 years
- 6** Access to more product categories and innovations from the market leader
- 7** Access to ROTHENBERGER professional products for customer orders and any hire service
- 8** Supplier concentration for process cost optimisation
- 9** Colourful and informative self-service blister packaging
- 10** Proactive product streamlining
- 11** Professional and efficient modular development with consideration of capital commitment and transshipment
- 12** Significant participation of ROTHENBERGER Industrial project management in the standardisation of gas products on a European level

# YOU'LL FIND ROTHENBERGER WHEREVER YOU ARE



Visit our new,  
responsive mobile website



Learn all about our product portfolio (News, specifications etc.), latest events and other news about the company.

As an end user, locate your nearest ROTHENBERGER Industrial distributor.

As a distributor, our Login-area is available. Amongst other things, there is access to our image database and the archive of our Safety Data Sheets.

[www.rothenberger-industrial.com](http://www.rothenberger-industrial.com)



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## Soldering and brazing

Soldering equipment, Brazing equipment, Solder, Flux and Accessories

01



## Welding

Gas welding torches, Arc Welders', Plastic Welders', Electrodes & Gas welding wire, Accessories

02



## Industrial gases

Fuel gas, Helium, Protective gas, Industrial oxygen

03



## Heating and flaming

Flaming devices & Accessories

04



## Camping, Garden & Household

Devices, Lighters, Accessories

05



## Sanitary installation

Tube machining & Pipe cleaning

06



## Heating

Heaters & Accessories

07



## Measure, test & inspect

Building and wood moisture meters, Distance measuring devices, Inspection devices, Temperature measuring devices

08



## Hand- and special tools

Shears, Pliers & Special tools

09



## POS

POS

10

## Soldering and brazing

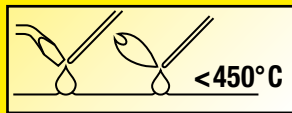
The solder product family has traditionally been the largest in our history.

Alongside soldering and brazing devices, we include pyrography sets, solders, fluxes and accessories in the range.

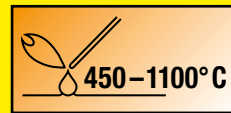
Soldering is a process for joining metallic materials such as copper and copper alloys, nickel and iron materials.

The difference between soldering and brazing is in the so-called liquidus temperature (the temperature at which the solder is in liquid form).

If this temperature is below 450°C, it is soldering. If the temperature is above 450°C, it is brazing.



Soldering



Brazing

In the area of soldering, we have a range of gas and electro soldering devices. For brazing, we offer only gas soldering devices.

Both versions work only with the aid of a molten nonferrous metal alloy, a solder. It is important that the melting temperature of the solder is always below the melting temperatures of the connected base materials. These are wetted by the liquid solder, but not melted.

Check your choice of solder or ask about our "Lötfibel" or our "Lötnavigator" associated with the respective product labelling.







## Soldering iron

### Proven & reliable

Heating time: approximately 2 minutes | Softgrip plastic handle

### Product coverage

- Electronics
- Electrical engineering
- Model construction
- Sheet metal processing
- Tiffany works
- Jumper wires
- Solder lugs
- Row soldering with faster soldering results

### 15 W

Art.-No. 1500000544 EAN 4004625380727



#### Delivery

- Plated Cu-tip straight / sharp
- VA heater element pipe with heat shield – Ø 4.0 mm
- Connection cable (rubber) – 1.5 m
- Equipment support

### 25 W

Art.-No. 35951 EAN 4004625359518



#### Delivery

- Plated Cu-tip straight / sharp
- VA heater element pipe with heat shield – Ø 4.0 mm
- Connection cable (rubber) – 1.5 m
- Equipment support

### 40 W

Art.-No. 35952 EAN 4004625359525

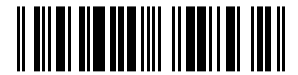


#### Delivery

- Nickel-plated copper tips straight / sharp and angled / flat
- VA heater element pipe with heat shield – Ø 5.0 mm
- Connection cable (rubber) – 1.5 m
- Equipment support

### 60 W

Art.-No. 35953 EAN 4004625359532



#### Delivery

- Nickel-plated copper tips straight / sharp and angled / flat
- VA heater element pipe with heat shield – Ø 5.8 mm
- Connection cable (rubber) – 1.5 m
- Equipment support

### 80 W

Art.-No. 35954 EAN 4004625359549



#### Delivery

- Nickel-plated copper tips straight / sharp and angled / flat
- VA heater element pipe with heat shield – Ø 7.0 mm
- Connection cable (rubber) – 1.5 m
- Equipment support

### 100 W

Art.-No. 35959 EAN 4004625359594



#### Delivery

- Nickel-plated copper tips straight / sharp and angled / flat
- VA heating element housing with heat shield – Ø 8.0 mm
- Connection cable (rubber) – 1.5 m
- Equipment support

01

02

03

04

05

06

07

08

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10



## Soldering iron set

### The professional set for soldering

Soldering tip temperature: 300°C | Heating time: approximately 3–5 min |  
Nominal voltage: 230–240 V

#### Product coverage

- Soldering of electrical and electronic components and circuit boards, boards, in model construction and radio / communications engineering
- Numerous metallic materials and alloys (mainly brass, copper, iron) are solderable

#### Product key features

- With retaining clips (third hand)
- Stand secure station with convenient storage
- Soldering accessory compartment

### Performance: 30 W

Art.-No. 1500000041 EAN 4004625368596



#### Delivery

- 1x Soldering iron set
- 2x Soldering tips
- 1x Electronic solder – 20 g
- 1x Cleansing sponge



## Professional soldering iron set

### The perfect set for soldering in a plastic case

Rated voltage: 230 V/50 Hz | Soldering tip temperature: 25 W → 420°C,  
80 W → 550°C | Heating time approximately 2 minutes

#### Product coverage

- Soldering in electronics, electrical engineering, models & sheet metal processing of thin sheets up to max. 0.8 mm
- Jumper wires up to 2.5 mm
- Connections to about Ø 2 mm
- Larger solder lugs

#### Product key features

- Includes Equipment storage
- Professional soldering accessories

### Performance: 25 & 80 W

Art.-No. 35060 EAN 4004625022634



#### Delivery

- 1x Soldering iron 25 W
- 1x Soldering iron 80 W
- 1x Solder grease – 20 g
- 1x Braid – 2.5 mm x 1.6 m
- 1x Electronic solder – 100 g



## Electronic soldering station

### Ideal for soldering of electronic components

Heating time: approximately 1 min | Nominal voltage: Primary: 230 V~/50 Hz;  
secondary: 12 V for soldering | max. Current consumption: 0.2 A | Soldering tip  
temperature: approximately 150°C–450°C

#### Product coverage

- Soldering of printed circuit boards and electronic components
- Intricate soldering works in the field of handicrafts

#### Product key features

- The electronically monitored controlling of the working temperature enables professional work

### Performance: 30 W/12 V

Art.-No. 35960 EAN 4004625359600



#### Delivery

- 1x Soldering station
- 1x Cleaning sponge
- 1x Piston holder



## Brand

The ideal set for the painting and refining of wooden objects and furniture – Professional handling for a creative pastime

Rated voltage: 230–240 V; 50 Hz

### Product coverage

- Writing and drawing on wood
- Delicate embellishments of wood surfaces (eg ornaments.)
- Writing & drawing on leather & cork

### Product key features

- With the different burn points and branding irons many different patterns can be generated
- In plastic case

### Performance: 30 W

Art.-No. 30991 EAN 4004625309919



### Delivery

- 1x Alembic / bolt head
- 10x Burn tips
- 9x Branding iron
- 1x Template
- 1x Soldering tip
- 1x Knife insert
- 1x Jaws for knife use
- 1x Workstand



## RoQuick

The soldering gun promises fast, accurate and reliable soldering

Soldering tip temperature: 510°C | Heating time: approximately 6 seconds | Rated voltage: 230–240 V

### Product coverage

- Delicate soldering in model construction, electronics and electrical engineering
- Jumper wires up to 1.5 mm
- Small to medium solder lugs
- Small row soldering with faster soldering results
- Thin sheets up to 0.4 mm

### Performance: 100 W

Art.-No. 35957 EAN 4004625359570



### Delivery

- 1x Soldering gun
- 2x Cu solder grinder



## RoPen 1300

The small, handy gas holder for delicate soldering work

Working temperature: approximately 450°C–600°C

### Product coverage

- Delicate soldering work with open flame or catalytic soldering head with soldering tip (eg model construction or craft work.)
- Pyrotechnic works

### Product key features

- Refillable
- Anywhere and quick to deploy

Art.-No. 35115 EAN 4004625015124







## Micropen Set 1300

Gas soldering iron with catalyte soldering tip for various soldering works

Working temperature: approximately 450°C–600°C

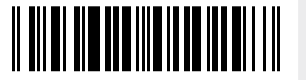
### Product coverage

- Delicate solder works
- Crafts
- Pyrographic works
- Model construction
- Styrofoam cutting
- Shrinking
- Plastic welding
- Tiffany works

### Product key features

- Refillable

Art.-No. 35120 EAN 4004625010297



### Delivery

- 1x Gas soldering iron with plastic tank and flame jet
- 1x Catalytic head
- 1x Needlepoint for delicate solder work
- 1x Chisel and slanted tip for normal electrical work
- 1x Knife for polystyrene cutting



## Hot Pen Piezo Set

The professional gas soldering iron set can easily be used in any position, even upside down

Working temperature: approximately 450°C–600°C

### Product coverage

- Delicate soldering work
- Crafts
- Pyrotechnik works
- Model construction
- Styrofoam cutting
- Hot air works
- Plastic welding
- Shrinking
- Deforming

### Product key features

- Refillable
- Overhead work possible

### 10 section

Art.-No. 36060 EAN 4004625360606



### Delivery

- 1x Gas soldering iron (with catalytic solder attachment including hot air nozzle and heat reflector.)
- 1x High quality plastic case
- 4x Solder attachments
- 1x Styrofoam cutter
- 1x Electronic solder – 20 g
- 1x Storage device
- 1x Cleaning sponge



## Pocket Torch Piezo

Lighter and soldering torch in a single device – the ideal universal burner for home improvement, crafts, household and camping

Working temperature: approximately 450°C

### Product coverage

- Delicate soldering works with concentrated open flame (eg Model construction.)
- Heat source
- Crafts
- Pyrographic works
- Household use as a lighter
- Camping

### Product key features

- Refillable (with RoFill refill gas 35840)
- Piezo ignition
- Safety switches

Art.-No. 35130 EAN 4004625010334



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## RoFix Set 1800

The soldering torch complete set for beginners in a value pack

Working temperature: 650°C | Working time: 2.5 hours

### Product coverage

- Soldering of copper pipes up to max. 28 mm
- Heating
- Thawing
- Melting

### Product key features

- It has an integrated fine adjustment valve
- Integrated air supply regulation for precise flame adjustment

Art.-No. 35513 EAN 4004625355138



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## Hot Pack set

The perfect soldering set for beginners

Working temperature: 650°C | Working time: 2.5 hours

### Product coverage

- Soldering of copper pipes up to max. 28 mm
- Heating
- Thawing
- Melting

### Product key features

- Integrated fine regulating valve
- Integrated air supply regulation for precise flame adjustment

Art.-No. 18078 EAN 4004625180785



### Delivery

- 1x Soldering torch
- 2x Multigas 300 cartridges

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### RoFire Mini 1450

Small, compact and handy soldering cartridge

Working temperature: 650°C | Working time: approximately 1.5 h |  
Point burner: 14 mm

#### Product coverage

- Soldering for model construction
- Welding of round and square bars up to 3 mm thickness, thin-walled tubes up to max. Ø 10 mm

#### Product key features

- Small
- Handy

Art.-No. 35503 EAN 4004625355039



#### Delivery

- 1x Minigas cartridge
- 1x Fine adjustment valve
- 1x Combustion tube
- 1x Point burner – Ø 14 mm



### Guttering soldering set

Ideal for working outdoors in all weathers

Flame temperature: approximately 2000°C | Working temperature: up to 800°C

#### Product coverage

- Soldered joints of gutters and downpipes made of copper, galvanised steel and titanium zinc sheets up to 1.5 mm thick
- Tinsmith works

#### Product key features

- The highly wind stable piston burner can also work on the roof when the wind blows and optimises the soldering process

Art.-No. 35498 EAN 4004625354988



#### Delivery

- 1x Handle with three-way valve and fixed pilot flame
- 1x High performance burner
- 1x Soldering iron holder
- 1x Windshield
- 1x Flat copper bit – 250 g
- 1x Hose assembly – 2x G 3/8" L – 2 m



### RoFlame Premium

The high quality soldering torch for various soldering works

Working temperature: 650°C | Gas leading part made from brass

#### Product coverage

- Soldering
- Thawing
- Repair and service work in sanitary, heating, refrigeration and air conditioning sector
- Grill lighter

#### Product key features

- Housing made of sturdy plastic
- Safe and easy handling and accurate centering of the cartridge make working with this blowtorch easy

Art.-No. 35930 EAN 4004625359303







## RoFlame Premium Piezo

The high quality soldering torch for soldering with piezo ignition  
Working temperature: 650°C | Gas leading part made from brass

### Product coverage

- Soldering
- Thawing
- Repair and service work in plumbing, heating, refrigeration and air conditioning sector
- Grill lighting

### Product key features

- Housing made of sturdy plastic
- Safe and easy handling as well accurate centering of the cartridge make working with this blowtorch easy
- Comfortable piezo ignition

Art.-No. 35931 EAN 4004625359310



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## RoFlame Premium Set

The soldering torch set for immediate and sustainable use  
Working temperature: 650°C | Gas leading part made from brass

### Product coverage

- Soldering
- Thawing
- Repair and service work in sanitary, heating, refrigeration and air conditioning sector
- Grill lighter

### Product key features

- Housing made of sturdy plastic
- Safe and easy handling and accurate centering of the cartridge make working with this blowtorch easy

### With 4x C200 Supergas cartridge

Art.-No. 1000000981 EAN 4004625388440

### Delivery

- 1x RoFlame Premium solder lamp
- 4x C200 Supergas cartridges



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## RoFlame Economy Set

The soldering torch set for immediate and sustainable use  
Working temperature: 650°C | High quality burner

### Product coverage

- Soldering
- Thawing
- Repair and service work in sanitary, heating, refrigeration and air conditioning sector
- Grill lighter

### Product key features

- Housing made of sturdy plastic
- Safe and easy handling and accurate centering of the cartridge make working with this blowtorch easy

### With 5x C200 Supergas cartridges

Art.-No. 1000000985 EAN 4004625388488

### Delivery

- 1x RoFlame Economy solder lamps
- 5x C200 Supergas cartridges



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### With 4x C200 Supergas cartridge

Art.-No. 1000000982 EAN 4004625388457

### Delivery

- 1x RoFlame Economy solder lamp
- 4x C200 Supergas cartridges



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### RoFire 1800

The proven high-performance soldering instrument for the handyman and professional

Working temperature: 710°C | Burner: 22 mm | Gas leading parts made from brass

#### Product coverage

- Brazing of copper pipes up to max. Ø 15 mm
- Soldering up to a max. Ø 22 mm
- Heating

#### Product key features

- Includes Support bracket
- Replaceable burner nozzle

Art.-No. 35501 EAN 4004625355015

#### Delivery

- 1x RoFire 1800
- 1x Multigas 300 cartridge



### RoFire Piezo 1950

The proven high-performance soldering instrument for the handyman and professionals with piezo ignition system

Working temperature: 750°C | Burner: 22 mm | Gas leading parts made from brass

#### Product coverage

- Brazing of copper pipes up to max. Ø 15 mm
- Soldering up to a max. Ø 28 mm
- Heating

#### Product key features

- Includes Piezo ignition
- Includes Support bracket
- Replaceable burner nozzle

Art.-No. 35555 EAN 4004625355558

#### Delivery

- 1x RoFire Piezo 1950
- 1x Multigas 300 cartridge



### Power Mapp

The professional high performance soldering instrument for fast and safe working

Working temperature: approximately 1250°C

#### Product coverage

- For soldering of pipes, sheets and moldings
- For brazing of pipes, sheets and moldings

#### Product key features

- Piezo ignition system
- Precise flame adjustment
- Constant gas pressure
- Optimal operation at low temperatures (about -20°C)
- Easy change to other fuel gases with connection 7/16" -EU thread (eg Multigas, Maxigas, Minigas)
- Faster and more economical work compared to conventional soldering equipment
- MAPP Gas – special gas mixture for very high working temperatures in single gas devices

Art.-No. 030813E EAN 4004625052907

#### Delivery

- 1x Power Mapp Burner
- 1x MAPP Gas cartridge





## Propane soldering set 1800

Hose soldering device for beginners and advanced

Working temperature: 750°C | Burner unit made of brass

### Product coverage

- Soldering up to Ø 28 mm
- Brazing up to Ø 22 mm

### Product key features

- Easy
- Exactly adjustable

Art.-No. 30801 EAN 4004625308011



### Delivery

- 1x Handle with fine control valve
- 1x Bending burner with union nut
- 1x Brazing torch – 22 mm
- 1x Hose assembly – G 3/8" L/10 x 1 L – 1.5 m



## Airprop 2000

The high-performance turbo soldering torch is ideal because of its high and constant flame temperature for soldering and brazing

Working temperature: Approximately 800°C | Gas leading part made from brass

### Product coverage

- For brazing (up to max. Ø 28 mm) of copper and steel pipes, sheets and fittings
- For soldering (up to max. Ø 54 mm) of copper and steel pipes, sheets and fittings
- Capillary soldering in sanitary and heating installations
- Warming

### Product key features

- Adjustable via three-way valve with fixed pilot flame

Art.-No. 030950E EAN 4004625309506



### Delivery

- 1x Airprop burner
- 1x Hose assembly – 2 m – on both sides G 3/4" L
- 1x Top ignitor
- 1x Burner tray
- 1x Key



## Turbo soldering set 2000

The high-performance turbo-soldering instrument with universal equipment in a complete set

Flame temperature: 2000°C | Working temperature: 800°C | Gas leading parts made out of brass

### Product coverage

- For brazing of copper pipes (up to max. Ø 28 mm), Steel pipes, sheets & fittings
- For soldering of copper pipes (up to max. Ø 54 mm), Steel pipes, sheets & fittings
- Capillary gap soldering in plumbing and heating equipment
- Warming

### Product key features

- The universal complete equipment is professionally sorted into a case


Art.-No. 30900 EAN 4004625309001













### Delivery





- 1x Ergonomic safety handle with fixed pilot Flame – M 14 x 1 / G 3/8" L
- 1x Bending burner with safety cone seal
- 1x DVGW-approved LPG regulator 4 bar, 8 kg/h
- 1x DVGW-approved hose assemblies 2 m
- 1x Turbo torch Ø 28 mm
- 1x Point burner Ø 14 mm
- 1x Soldering torch Ø 22 mm
- 1x Soldering iron 250 g, Forged copper with set-up devices
- 1x Soldering attachment with 2x copper soldering tips
- 1x Safety ignitor
- 1x 50 mm coloured burner attachment
- 1x Burner support, 1x Hexagonal end wrench









# Solder

Solder wire	Product name	Description	Art.-No.	Grams	Ø mm
	Fittings Solder 3	Quality solder to DIN EN ISO 9453   alloy S-Sn97Cu3	045253, 045253E	50	3
			045256, 045256E	100	
			045255, 045255E	250	
	Standard solder	Universal solder to DIN EN ISO 9453   alloy S-PB60Sn40	045272, 045272E	50	2
			045271, 045271E	100	
			045270, 045270E	250	
	Radio solder	Quality solder to DIN EN ISO 9453   alloy S-PB60Sn40	045262, 045262E	50	2
			045261, 045261E	100	
			045260, 045260E	250	
	Electronics solder	Quality solder to DIN EN ISO 9453   alloy S-Sn60 Pb40   activated without halogens   non-corrosive   all flux residues can remain on the joint without risk of corrosion	045282, 045282E	50	1,5
			045281, 045281E	100	
			045280, 045280E	250	

Rod solders	Product name	Description	Art.-No.	Electrodes	Ø/length mm
	Rotol 601	Nickel silver brazing rods	35601	5	2/333
			35600	20	
	Rotol 602	Brass welding and brazing rods	35602	5	2,5/333
	Rotol 603	Brass welding and brazing rods	35603	8	1,5/333
			35803	8	2/500
	Rotol 604	Aluminium brazing and welding rods	35604	5	3/333
	Rotol 605	Gas welding rods	35605	20	1,5/333
			31251	10	2/500
			31252	10	3/500
	Rotol 606	Silver brazing rod 45 %	35606	1	1,5/333
	Rotol 607	Brazing rods for copper joints	35607	5	2/333
			35707	25	2/333
			35807	25	2/500
	Rotol 608	Soldering rod for general installation work	35608	1	5/333
			045263E	5 (1 kg)	ca. 11/400
	Rotol 609	Special silver brazing rods 12 %	35609	2	1,5/333
			35809	4	1,5/500
	Rotol 610	Special silver solder 6 %	35817	5	2/330
			35818	8	2/500



Type	Application	Contains flux	Recommended additional flux
 230°C	Heating installations Drinking water installations	No	Rosol 3 fittings solder paste: Art.-No. 045225E – 250 g Art.-No. 045226E – 100 g Soldering flux: Art.-No. 045266E – 35 ml Art.-No. 100000242 – 120 ml
 183°C	Gutters, general metal work, telecommunications work Zinc, fine soldering Metallic joints Non-ferrous metals not suitable for stainless steel and aluminium	Yes	Soldering grease Art.-No. 035718E – 20 g soldering fluid Art.-No. 035719E – 24 ml
 183°C	Electronic components: PCBs, cables/conductors/wires	Yes	Soldering grease Art.-No. 035718E – 20 g soldering fluid Art.-No. 035719E – 24 ml
 183°C	Electronic components: PCBs, cables/conductors/wires	Yes	Soldering grease Art.-No. 035718E – 20 g soldering fluid Art.-No. 035719E – 24 ml

Type	Application	Contains flux	Recommended additional flux
 920°C	Metallic joints Iron, steel, copper, nickel, cast steel and non-ferrous metals	Yes	Welding and brazing powder Art.-No. 035611E – 50 g
 890°C	Metallic joints Iron, steel, copper, nickel, cast steel and non-ferrous metals	Yes	Welding and brazing powder Art.-No. 035611E – 50 g
 900°C	Metallic joints Iron, steel, copper, nickel, cast steel and non-ferrous metals	No	Welding and brazing powder Art.-No. 035611E – 50 g
 580°C	Metallic joints Aluminium brazing	Yes	–
 1250°C	Welding. For mechanical engineering boiler construction, pipe work and vehicle construction St34–St44, St37T–St44T, St35, St35.8 Boiler steel H I–H II	No	–
 670°C	Pipe installations gutters, general metal work with copper	Yes	–
 710°C	Pipe installations gutters, general metal work with copper	No	LP 5 brazing paste Art.-No. 035610E – 160 g
 236°C	Gutter, General metal work	No	Soldering flux Art.-No. 045266E – 35 ml Art.-No. 100000242 – 120 ml Soldering fluid "Zink" Art.-No. 045264 – 100 ml
 830°C	Pipe installations, Metallic joints, Iron, steel and cast steel, non-ferrous metals	Yes	–
 720°C	Gas installations	No	Brazing paste LP10 ATG: Art.-No. 040450 – 65 g



### Fittings paste solder

Rosol 3

**Product coverage**

- For soldering of heating and drinking water pipes

**Product key features**

- Economical
- No soldering corrosion
- Barely visible flux residues
- No air inclusions in the solder joint
- Very good tin plating of the material surface
- Application of solder and fluxes in one operation

**Contents: 100 g**

Art.-No. 045226E EAN 4004625452264



**Contents: 250 g**

Art.-No. 045225E EAN 4004625452257



### Soft solder flux

DIN EN 29454, 1, 3.1.1.C

**Product coverage**

- For soldering of copper tubes in the cold and hot water installation

**Contents: 35 ml**

Art.-No. 045266E EAN 4004625452660



**Contents: 120 ml**

Art.-No. 1000000242 EAN 4004625374795



### Soldering fluid

DIN EN 29454, 1, 3.1.1.A

**Product coverage**

- General soldering of iron, steel, brass, copper, lead and tin
- For Tiffany works

**Contents: 24 ml**

Art.-No. 035719E EAN 4004625357194



### Zinc soldering fluid

DIN EN 29454.1, 3.2.2.A

**Product coverage**

- Fluxes for soldering titanium zinc, galvanised steel and refined zinc

**Contents: 100 ml**

Art.-No. 45264 EAN 4004625452646





## Flux paste

LP5

DIN EN 1045 – FH 10

### Product coverage

- Brazing of ferrous metals
- For gas and water installation with copper pipes
- Used with Rolot 607

Contents: 160 g

Art.-No. 035610E EAN 4004625356104



## Hard soldering paste

LP10 ATG

### Product coverage

- Gas copper pipes
- Plumbing installations (drinking water, hot and cold water)
- Copper or brass terminals

Contents: 65 g

Art.-No. 40450 EAN 4004625404508



## Solder flux

DIN EN 29454, 1, 3.1.1.C

### Product coverage

- Soldering of tin, steel, copper and brass
- For tinning of copper wires

Contents: 20 g

Art.-No. 035718E EAN 4004625357187



## Welding and brazing powder

HKM

### Product coverage

- Brazing of brass, copper, red brass, nickel silver, bronze and iron
- Welding of cast iron

Contents: 50 g

Art.-No. 035611E EAN 4004625356111





### Radio electronic set

The perfect accessory set in the electronics soldering area  
Suitable for both DIY enthusiasts as well as the professional

**Product coverage**

- Electronic soldering

**Product key features**

- High-quality basic equipment for electronic soldering needs

Art.-No. 45150 EAN 4004625451502



**Delivery**

- 1x Salmiak stone
- 1x Braid
- 1x Electronic solder – 11 g
- 1x Radio solder – 10 g

### Soft solder set

The perfect accessory set for soldering works in heating and sanitary applications

**Product coverage**

- Installation services in the sanitary sector – especially drinking water installation

Art.-No. 45227 EAN 4004625452271



**Delivery**

- 3x RoVlies cleaning pads
- 1x Flux paste – Rosol 3 – 100 g
- 1x Fitting solder 3 – 100 g

### Tiffany craft set

The perfect accessory set in the Tiffany craft range

**Product coverage**

- Tiffany craft works

Art.-No. 45120 EAN 4004625451205



**Delivery**

- 1x Salmiak stone
- 1x Solder fluid – 24 ml
- 1x Standard solder – 20 g
- 1x Tiffany solder – 100 g





## Brazing rings CU

Copper brazing containing phosphorus

### Product coverage

- Pipe connections, copper lines and connections
- Capillary soldering for copper tube installation in sanitary and heating technology

### Product key features

- True to size of the inner diameter of the lugged pipes and fittings
- Full soldering of the solder sleeves
- Particularly economical work due to precisely metered amount of solder

#### Ø 12 mm – 20 pieces

Art.-No. 040512E EAN 4004625047989



#### Ø 14 mm – 20 pieces

Art.-No. 040514E EAN 4004625047996



#### Ø 16 mm – 20 pieces

Art.-No. 040516E EAN 4004625048009



#### Ø 18 mm – 20 pieces

Art.-No. 040518E EAN 4004625048016



## RoVlies

Metal-free cleaning fleece for all metals

### Product coverage

- Soap-free cleaning of solder joints in copper pipes

### Product key features

- No corrosion by metallic abrasion

#### 5 pieces

Art.-No. 045267E EAN 4004625452677



## Salmiak stone

Gentle and thorough cleaning

### Product coverage

- To clean the tip of the soldering iron

#### 65 x 45 x 20 mm

Art.-No. 035910E EAN 4004625359105



#### 65 x 45 x 40 mm

Art.-No. 32355 EAN 4004625323557



## Hot Pack burner

The power burner for gas cartridges with 7/16" -EU connection

Working temperature: 650°C | Brass burner

### Product coverage

- For soldering of copper pipes up to Ø 28 mm
- Also suitable for heating, thawing and melting

### Product key features

- With integrated fine adjustment valve and air supply regulation for precise flame adjustment

Art.-No. 520854E EAN 4004625046401





## Propane handle

The ergonomic handle for hose soldering devices

Connection: M 14 x 1-G 3/8" L | Gas leading parts made from brass

### Product coverage

- For gas soldering equipment with hose connection

### Product key features

- Adjustable
- Three-way valve with fixed pilot flame
- Thermally insulated plastic handle

Art.-No. 030910E EAN 4004625309100



## Copper soldering iron

Weight: 250 g | Brass gas burner

### Product coverage

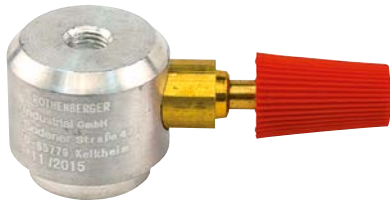
- Soldered joints of gutters and downpipes made of copper, galvanised steel and titanium zinc sheets up to 1.5 mm thick
- Tinsmith works
- Extension for all soldering equipment with propane handle M 14 x 1, G 3/8" L

### Product key features

- Windbreak
- Storage support

Connection: M 14 x 1

Art.-No. 35499 EAN 4004625354995



## Gas regulating valve

### Product coverage

- To regulate the flow of gas for welding and soldering equipment

Connection: 7/16" EU

Art.-No. 035723E EAN 4004625357231



**Easy** **Soldering**

**Easy** **Welding**

**Easy** **Making**

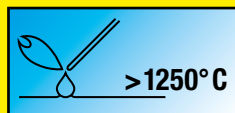
 **ROTHENBERGER**  

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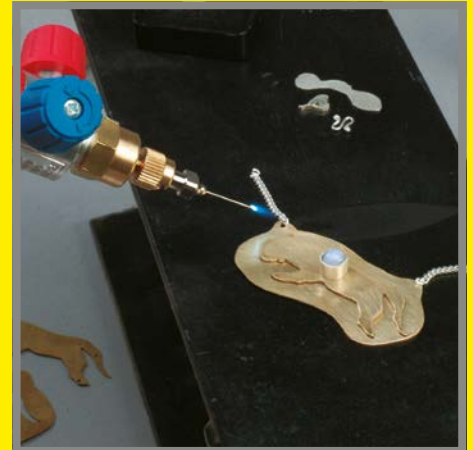
**INDUSTRIAL**

**The professional answer  
for the handyman**

**Welding** Joint welding and cladding with ROTHENBERGER Industrial arc and Gas welding equipment. Our range focuses its equipment range on the needs of the handyman and the professional user. Under the category of arc welding, there are both conventional AC welding transformers for welding rod electrodes as well as modern inverter welding machines, which facilitate their low weight mobile applications. Our MIG/MAG welding machines for welding different work pieces with wire electrodes under inert gas combines high quality welds in steel, stainless steel and aluminium materials with ease of use. For simple and inexpensive welding, a cored wire welding machine completes our range. A selection of different welding equipment for arc welding is available as required by the user. Sleeve welding units for welding of plastic pipes, such as PP, PB, PE or PVDF, in the installation section complement the ROTHENBERGER Industrial welding range. The devices have different power levels and the equipment is simple and safe to use. Suitable for use on construction sites, they allow the handyman as well as the professional easy and reliable installation of modern plastic pipes during the installation of plumbing and heating systems.



Gas welding







### Roxy Kit Plus

The Roxy Kit Plus is a universal gas welding and brazing torch for an ambitious handyman and a true professional

The complete set comes with a gas and oxygen tank and is therefore ready to use. In addition to a high performance welding nozzle, the kit includes three micro-nozzles, which allow professional work in areas such as precision mechanics and model construction. The device is TÜV-certified and has all the required safety devices. Gas and oxygen return valves are already integrated.

#### Product coverage

- General welding work
- Brazing work
- Precision engineering
- Craft
- Model construction
- Optics
- Jewellery making
- Goldsmith works
- Bending works
- Extrusions
- Working area: 0.1 mm–2.5 mm Material strength

#### Product key features

- Ready to use

#### Includes Gas and oxygen bottles

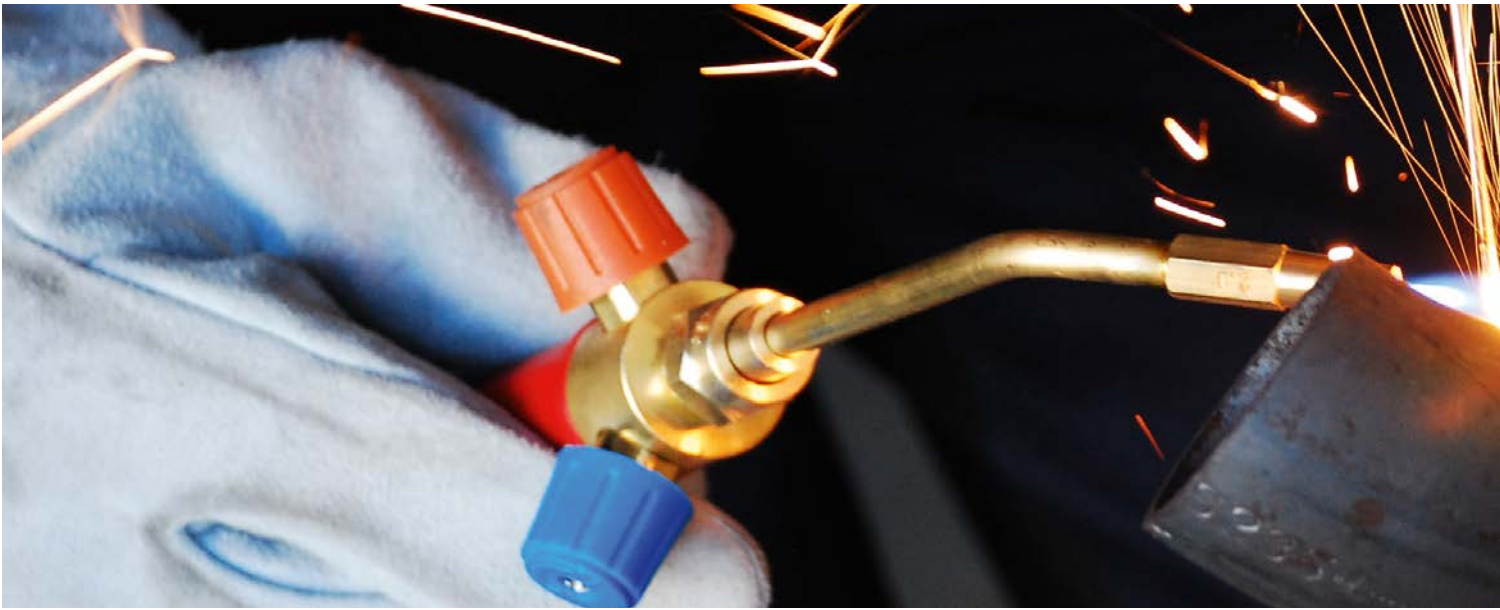
Art.-No. 35740 EAN 4004625357408



#### Delivery

- 1x Maxigas 400
- 1x Oxygen disposable bottle – 110 bar
- 1x Burner key
- 1x Micro nozzle adapter
- 1x Nozzle mixing tube
- 1x Nylon protective goggles – A5
- 3x Micro-Nozzles – 0.4 mm, 0.5 mm and 0.6 mm
- 1x Gas regulator valve
- 1x Carrying frame
- 1x High performance welding handle
- 1x High performance welding nozzle – 0.9 mm
- 1x Security top ignitor
- 1x Oxygen pressure reducing valve with non-return function
- 1x Hose pack (gas and oxygen hose, gas hose with non-return function)
- 1x Assortment kit





## Roxy Mapp

The Roxy Mapp is a universal gas welding and brazing torch of the next generation for an ambitious handyman and a true professional

The complete set comes with a gas and oxygen tank and is therefore ready to use. In addition to two high performance welding nozzles, the kit includes three micro-nozzles, which allow professional work in areas such as precision mechanics and model construction. The device is TÜV-certified and has all the required safety devices. Gas and oxygen return valves are already integrated. The use of MAPP Gas enables high working temperatures for oxyacetylene welding.

### Product coverage

- General welding work
- Brazing work
- Precision engineering
- Craft
- Model construction
- Optics
- Jewellery making
- Goldsmith works
- Bending works
- Extrusions
- Working area: 0.1 mm–2.5 mm Material strength

### Product key features

- Ready to use
- High working temperatures by using MAPP Gas (ROTHENBERGER special gas mixture)

### Includes Gas and oxygen bottles

Art.-No. 35760 EAN 4004625357606

### Delivery

- 1x Mapp Gas – 750 ml
- 1x Oxygen single use bottle – 110 bar
- 1x Burner key
- 1x Micro nozzle adapter
- 1x Nozzle mixing tube
- 1x Nylon protector goggles – A5
- 3x Micro-Nozzles – 0.4 mm, 0.5 mm and 0.6 mm
- 1x Gas regulator valve
- 1x Carrying structure
- 1x High performance welding handle
- 2x High performance welding nozzle – 0.9 mm and 1.2 mm
- 1x Security top ignitor
- 1x Oxygen pressure reducing valve with non-return function
- 1x Hose pack (gas and oxygen hose, gas hose with non-return function)
- 1x Assortment kit



incl. micro-nozzles







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## Roxy 400L

The Roxy 400L is a universal gas welding and brazing torch for an ambitious handyman and a true professional

The complete set comes with a gas and oxygen tank and is therefore ready to use. In addition to two high performance welding nozzles, the set includes three micro-nozzles, which allow professional work in areas such as precision mechanics and model construction. The equipment is TÜV-certified and has all the required safety devices. Gas and oxygen return valves are already integrated.

### Product coverage

- General welding work
- Precision engineering
- Craft
- Model construction
- Optics
- Jewellery making
- Goldsmith's work
- Bending work
- Extrusions
- Work area: 0.1 mm–2.5 mm Material strength

### Product key features

- Ready to use
- Refillable oxygen cylinder – 2 l, 200 bar
- Also suitable for use with MAPP Gas (ROTHENBERGER special gas mixture)

### Includes gas and oxygen bottles

Art.-No. 35780 EAN 4004625357804



### Delivery

- 1x Maxigas 400
- 1x Oxygen refillable bottle – 2 l, 200 bar
- 1x Burner key
- 1x Micro nozzle adapter
- 1x Nozzle mixing tube
- 1x Nylon protection goggles – A5
- 3x Micro-Nozzles – 0.4 mm, 0.5 mm and 0.7 mm
- 1x Gas regulating valve
- 1x Metal universal backplate
- 1x High performance welding handle
- 2x High performance welding nozzles – 1.2 mm and 1.5 mm
- 1x Security top ignitor
- 1x Oxygen pressure reducer with 2 manometers
- 1x Hose pack (gas and oxygen hose with non-return function)
- 1x Assortment kit





## Roxy Universal

The Roxy Universal is a universal gas welding and brazing device for an ambitious handyman and a true professional

This kit is the basic unit, gas and oxygen tanks are not included. The device is intended for use with both disposable and reusable oxygen containers. As far as fuel gas in concerned, Maxigas as well as Mapp Gas can be used. In addition to three high performance welding nozzles, the kit includes three micro-nozzles that enable professional work in areas such as precision mechanics and model construction. The ergonomic handle with gas fine regulation valve for minimum gas consumption, and the hose package with return valve for oxygen and fuel gas guarantee optimum safety. The equipment is TÜV-certified and has all the required safety devices.

### Product coverage

- General welding work
- Brazing
- Precision engineering
- Craft
- Model construction
- Optics
- Jewellery making
- Goldsmith's work
- Bending work
- Extrusions
- Warming
- Work area: 0.1 mm–2.5 mm Material strength

### Product key features

- Universally applicable for oxygen disposable and reusable containers
- Universally applicable for ROTHENBERGER Gas cartridges 7/16" -EU connection (Maxigas, Multi Gas & Mapp Gas)

### Basic device without gas and oxygen tank

Art.-No. 35050 EAN 4004625014301



### Delivery

- 1x Burner key
- 1x Micro nozzle adapter
- 1x Nozzle mixing tube
- 1x Nylon protection goggles – A5
- 3x Micro-Nozzles – 0.4 mm, 0.5 mm and 0.7 mm
- 1x Gas regulator valve
- 1x Metal universal support frame with different mounting brackets
- 1x High performance welding handle
- 3x High performance welding nozzles – 1.2 mm, 1.5 mm and 2.0 mm
- 1x Security top ignitor
- 1x Oxygen pressure reducer with 2 manometers
- 1x Oxygen pressure reducing valve with non-return function for disposable containers
- 1x Hose pack (gas and oxygen hose with non-return function )
- 1x Assortment kit







### Three gas system AMS RE17 10/10

Gas welding, cutting and brazing torch for the handyman and professional  
Universally applicable with mobile equipment trolley | Fully equipped with hose assembly, fittings and steel bottle set (filled) | Ready to use | mobile

#### Product coverage

- Welding
- Flame cutting
- Brazing
- Car repairs
- Body work
- Plumbing, heating and air conditioning systems
- Metal & ironwork in stationary and mobile use

#### Product key features

- Ready to use
- Processing of iron, steel, sheet metal, pipes, fittings and nonferrous metals  
With high performance and low consumption
- Secure attachment of steel cylinders by a retaining bracket
- Alternatively Maxigas or Mapp gas can replace acetylene used

**Welding range: 0.5 mm – 9 mm |**

**Cutting: 3.0 mm – 25 mm**

Art.-No. 35798 EAN 4004625357989



#### Delivery

- 1x 10 l Filled acetylene cylinder – Property bottle of the buyer – TÜV-tested
- 1x 10 l Filled oxygen bottle – Property bottle of the buyer – TÜV-tested
- 1x Maxigas 400–600 ml
- 1x Single telescopic trolley
- 1x Acetylene pressure reducer with 2 manometers
- 1x Oxygen pressure reducer with 2 manometers
- 1x Gas fine adjustment valve for combustible gas cartridges 7/16" EU (Maxigas Multigas, MAPP Gas)
- 1x Hose adapter for gas cartridges 7/16" EU – G 3/8" L
- 1x Twin hose A / S – 5 m
- 1x Steel case RE17, mounted
- 1x Welding handle RE17
- 1x 5 Welding torches 0.5 mm–9.0 mm
- 1x Wing lever cutting insert with cutting nozzle 3 mm–25 mm
- 1x Heating nozzle 3 mm–100 mm
- 1x Safety heated ignitor
- 1x Flints
- 1x Burner key
- 1x Nozzle cleaner – 10 pcs.





### RoWeldo 160

Portable electrode welder – single phase with a fan and thermal protection

Rated voltage: 230 V / 50 Hz | Welding current control range: 55–160 A | Power fuse: 16 A | Open circuit voltage: 48 V | Insulation class: H | Protection class: IP21S | Average operating time about 25 % | Infinite adjustment of the welding current | Weight: ca. 6.2 kg

**Product coverage**

- For the welding of rod electrodes: 1.5 mm–max. 3.25 mm

**Product key features**

- With fan and thermal protection

**Welding current control range: 55–160 A**

Art.-No. 36015 EAN 4004625360156



**Delivery**

- 1x Connection cable – 230 V
- 1x Electrode holder, mounted
- 1x Ground terminal, mounted
- 1x Welding shield complete with protective and prescription glass
- 1x Chipping hammer
- 1x Wire brush, welding cables firmly mounted



### RoCored Welder 180 Combi

Portable electrode cored wire welding machine

Rated voltage: 230 V / 50 Hz | Insulation class: H | Protection class: IP21S | Weight: ca. 6.2 kg

**Product coverage**

- For the welding of cored wire

**Product key features**

- Copper welding nozzle
- Adjustable welding wire feed
- Combi device

**Welding current: 180 A**

Art.-No. 1500002187 EAN 4004625406069



**Delivery**

- 1x Cored wire welder with strap
- 1x Ground cable with electrode holder
- 1x Welding screen
- 1x Slag brush with hammer
- 1x Welding gun



### RoCored Welder 90

Portable cored wire welding machine without gas protection

Rated voltage: 230 V / 50 Hz | Suitable for 0.6 mm–0.9 mm cored wire

**Product coverage**

- For the welding of cored wire
- Without addition of protective gas

**Product key features**

- With connection package consisting of burner unit and ground cable with earthing terminal
- Adjustable welding current in two switching stages (45 A / 90 A)

**Welding current control range: 45–90 A**

Art.-No. 1500000542 EAN 4004625380710



**Delivery**

- 1x Cored wire welder
- 1x Ground cable
- 1x Ground terminal



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### RoWin 140

Powerful electrode welding machine with advanced inverter technology

Rated voltage: 230 V / 50 Hz | Suitable for TIG welding | Maximum weldable electrode: 1.6–3.2 mm | Insulation class: H | Protection class: IP21S | Weight: 5 kg

#### Product coverage

- For electrode welding
- Assembly

#### Product key features

- Infinitely adjustable

**Welding current control range: 20–140 A**

Art.-No. 1500002184 EAN 4004625406038



#### Delivery

- 1x Electrode welder with strap
- 1x Ground cable with electrode holder
- 1x Welding screen
- 1x Slag brush with hammer

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### RoWin 80

Powerful electrode welding machine with advanced inverter technology

Rated voltage: 230 V / 50 Hz | Maximum weldable electrode 1.6–2.6 mm | Insulation class: H | Protection class: IP21S | Weight: 2.5 kg

#### Product coverage

- For electrode welding
- Assembly

#### Product key features

- Infinitely adjustable

**Welding current control range: 10–80 A**

Art.-No. 1500002185 EAN 4004625406045



#### Delivery

- 1x Electrode welder with strap
- 1x Ground cable with electrode holder
- 1x Welding screen
- 1x Slag brush with hammer

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### RoWin 160 Plus

Powerful electrode welding machine with advanced inverter technology

Rated voltage: 230 V / 50 Hz | Suitable for TIG welding | Maximum weldable electrode: 1.6–4.0 mm | Insulation class: H | Protection class: IP21S | Weight: 4.5 kg

#### Product coverage

- For electrode welding
- Assembly

#### Product key features

- Infinitely adjustable
- Digital display
- Suitable for steel, stainless steel, cast iron

**Welding current control range: 20–160 A**

Art.-No. 1500002186 EAN 4004625406052



#### Delivery

- 1x Electrode welder with strap
- 1x Ground cable with electrode holder
- 1x Welding screen
- 1x Slag brush with hammer



### RoWin 160

Powerful electrode welding machine with advanced inverter technology

Rated voltage: 230 V / 50 Hz | Suitable for TIG welding | Maximum weldable electrode: 1.6–4.0 mm | Insulation class: H | Protection class: IP21S | Weight: 4.5 kg

#### Product coverage

- For electrode welding
- Assembly

#### Product key features

- Infinitely adjustable
- Suitable for steel, stainless steel, cast iron

**Welding current control range: 20–160 A**

Art.-No. 1500002189 EAN 4004625406076



#### Delivery

- 1x Electrode welder with strap
- 1x Ground cable with electrode holder
- 1x Welding screen
- 1x Slag brush with hammer

## Plastic Welders



### Socket welder CR-RJQ-40

For simple welding of PP, PB, PE and PVDF plastic pipes and sleeves

Working temperature: 260°C ± 5 % | Rated voltage: 220/230 V | Frequency: 50/60 Hz | Weight: 1.6 kg | Dimensions: 340 x 122 x 50 mm

#### Product coverage

- Welding of PP, PB, PE and PVDF plastic pipes and closures

#### Product key features

- Thermostatically constant controlled

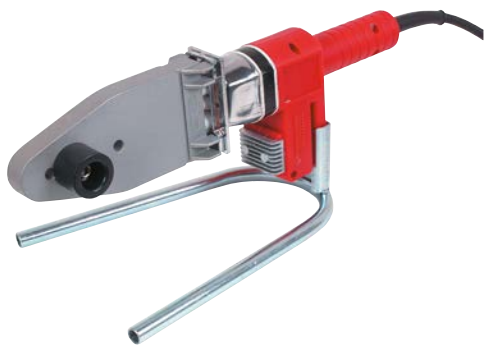
**Performance: 600/650 Watt**

Art.-No. 36051 EAN 4004625360514



#### Delivery

- 4x Nonstick heating mandrels and sleeves (20 mm, 25 mm, 32 mm, 40 mm)
- 1x Solid carrying case made of metal
- 1x Stable table stand
- 1x Retaining bolts
- 1x Allen key
- 1x Nonstick heater
- 1x VDE-checked construction cable H05RN-F 3G 0.7 mm



### Socket welder CR-RJQ-63

For simple welding of PP, PB, PE and PVDF plastic pipes and sleeves

Working temperature: 260°C ± 5 % | Rated voltage: 220/230 V |  
Frequency: 50/60 Hz | Weight: 1.68 kg | Dimensions: 370 x 135 x 50 mm

#### Product coverage

- Welding of PP, PB, PE and PVDF plastic pipes and closures

#### Product key features

- Thermostatically constant controlled
- Temperature setting with digital display

#### Performance: 800 / 870 Watt

Art.-No. 36052 EAN 4004625360521



#### Delivery

- 6x Nonstick heating mandrels and sleeves (20 mm, 25 mm, 32 mm, 40 mm, 50 mm, 63 mm)
- 1x Solid carrying case made of metal
- 1x Stable table stand
- 1x Retaining bolts
- 1x Allen key
- 1x Table vice for horizontal and vertical use
- 1x Nonstick heater
- 1x VDE-checked construction cable H07RN-F 1.5 mm



### Socket welder CR-ZRJQ-63T

For simple welding of PP, PB, PE and PVDF plastic pipes and sleeves

Working temperature: 200°C–279°C ± 5 % | Rated voltage: 220/230 V |  
Frequency: 50/60 Hz | Weight: 1.8 kg | Dimensions: 370 x 135 x 50 mm

#### Product coverage

- Welding of PP, PB, PE and PVDF plastic pipes and closures

#### Product key features

- Thermostatically constant controlled
- Temperature setting with digital display

#### Performance: 800 / 870 Watt

Art.-No. 36062 EAN 4004625360620



#### Delivery

- 6x Nonstick heating mandrels and sleeves (20 mm, 25 mm, 32 mm, 40 mm, 50 mm, 83 mm)
- 1x Solid carrying case made of metal
- 1x Stable table stand
- 1x Retaining bolts
- 1x Allen key
- 1x Table vice for horizontal and vertical use
- 1x Nonstick heater
- 1x VDE-checked construction cable H07RN-F 3G 1.5 mm



### Socket welder CR-ZRJQ-110T

For simple welding of PP, PB, PE and PVDF plastic pipes and sleeves

Working temperature: 200°C–279°C ± 5 % | Rated voltage: 220/230 V |  
Frequency: 50/60 Hz | Weight: 2.0 kg | Dimensions: 380 x 155 x 60 mm

#### Product coverage

- Welding of PP, PB, PE and PVDF plastic pipes and closures

#### Product key features

- Thermostatically constant controlled
- Temperature setting with digital display

#### Performance: 1200 / 1300 Watt

Art.-No. 36063 EAN 4004625360637



#### Delivery

- 3x Nonstick heating mandrels and sleeves (75 mm, 90 mm, 110 mm)
- 1x Solid carrying case made of metal
- 1x Stable table stand
- 1x Retaining bolts
- 1x Allen key
- 1x Table vice for horizontal and vertical use
- 1x Nonstick heater
- 1x VDE-checked construction cable H07RN-F 3G 1.5 mm



# Electrodes & gas welding wire

Electrodes	Rutile steel electrodes	Stainless steel electrodes	Aluminium electrodes	NiCu electrodes	Art.-No.	Pieces	Length / Ø mm
	Roweld 708				35708	10	300 / 1.5
	Roweld 709				35709	10	300 / 2
	Roweld 709				31221	80	300 / 2
	Roweld 709				31222	195	350 / 2
	Roweld 710				35710	8	350 / 2.5
	Roweld 710				31223	50	350 / 2.5
	Roweld 710				31224	125	350 / 2.5
	Roweld 711				35711	5	350 / 3.25
	Roweld 711				31226	87	350 / 3.25
	Roweld 711				31225	35	350 / 3.25
	Roweld 712				35704	5	350 / 4
		Roweld V2A			31243	10	300 / 2
			Roweld AL		35702	10	350 / 2.5
				Roweld NiCu	35730	10	300 / 2.5

Wire electrodes	Copper plated steel welding wire	Stainless steel welding wire	Aluminiumwelding wire	Flux-cored welding wire for unalloyed and low-alloyed steel	Art.-No.	Weight / kg	Ø mm
	●				31231	1	0.6
	●				31232	1	0.8
	●				31233	5	0.6
	●				31234	5	0.8
	●				31239	15	0.8
	●				31240	15	1
		●			31235	1	0.8
			●		31236	0,5	1
				●	31244	0,9	0.9

Current in Amps	Application	Welding positions	Material thickness	Sparking voltage	Tensile strength N/mm <sup>2</sup>	Expansion %
30–50	Arc welding, assembly or repair of iron and low-alloy steel	all	1–3 mm	45 V	440–520	24
40–70			1.5–4 mm			
			1.5–4 mm			
			1.5–4 mm			
60–100			2–6 mm			
			2–6 mm			
			2–6 mm			
85–140			3–7 mm			
			3–7 mm			
			3–7 mm			
100–160		4–10 mm				
50–70	Arc welding, assembly or repair of stainless steel parts: Chemical and petrochemical applications, marine applications, heat exchangers and installations	all except vertical downwards	>2 mm	55 V	–	–
50–80	Arc welding, assembly or repair of aluminium parts: Motor blocks, cylinder heads, canisters, tanks, containers, skips etc.	PA, PB, PF	>2 mm		–	–
50–90	Arc welding parts made of cast iron or cast steel, assembly/repair of motor blocks, machine parts, transmissions, pumps, valves and armatures etc.	PA, PB, PF	>2 mm		–	–

Gas supply	Application
CO <sub>2</sub> and Ar-CO <sub>2</sub>	Iron / steel use with a MIG/MAG welder
Argon/ Helium	Stainless steel use with a MIG/MAG welder
	Aluminium use with a MIG/MAG welder
no gas	Iron / Steel use with a MIG/MAG welder



### Electrode holder

Clamping to the right, left and to the front is possible

**Product coverage**

- Suitable for all rod electrodes

**200 A / M 8 | up to 2.4 mm**

Art.-No. 530209 EAN 4004625302095



**300 A / M 8 | up to 3.2 mm**

Art.-No. 530210 EAN 4004625302101



### Earth terminal

Zinc plated | For M6 cable connections

**150 A / M 6**

Art.-No. 530211 EAN 4004625302118



**200 A / M 8**

Art.-No. 530212 EAN 4004625302125



### M8 gas nozzle

Gas nozzle for protective gas burners type 10 with M8 thread

Material: Copper, nickel | Screwable | Thread: M 8

**Product coverage**

- Supply of protective gas in MIG / MAG welding equipment

**Cylindrical (2 pieces)**

Art.-No. 530220 EAN 4004625302200



**Conical (2 pieces)**

Art.-No. 530221 EAN 4004625026748



**Cylindrical and Conical set (1 of each)**

Art.-No. 530226 EAN 4004625302262





## 15 plus gas nozzle

Gas nozzle for protective gas burners type 15 with M10 thread  
Material: Copper, nickel | For Ø 12 mm shafts | Thread: M 10 | pluggable

### Product coverage

- Supply of protective gas in MIG / MAG welding equipment

### Cylindrical (2 pieces)

Art.-No. 530222 EAN 4004625026755



### Conical (2 pieces)

Art.-No. 530223 EAN 4004625302231



### Cylindrical and Conical set (1 of each)

Art.-No. 530227 EAN 4004625302279



## Point gas nozzle

Gas nozzle for protective gas burners type 15 with M10 thread  
Length: 60 mm | Ø Nozzle: 16 mm | Material: Copper, nickel | For Ø 12 mm shafts | Thread: M 10 | Pluggable

### Product coverage

- Supply of protective gas in MIG / MAG welding equipment

### Cylindrical (2 pieces)

Art.-No. 530224 EAN 4004625302248



## Contact tip

Contact tip for wire electrode  
Material: bare electrolytic copper

### Product coverage

- For MIG / MAG equipment

### Thread: M5 | 0.6 x 18 mm

Art.-No. 530230 EAN 4004625302309



### Delivery

- 5x Power nozzles

### Thread: M5 | 0.8 x 18 mm

Art.-No. 530231 EAN 4004625302316



### Delivery

- 5x Power nozzles

### Thread: M6 | 0.6 x 25 mm

Art.-No. 530232 EAN 4004625302323



### Delivery

- 5x Power nozzles

### Thread: M6 | 0.8 x 25 mm

Art.-No. 530233 EAN 4004625302330



### Delivery

- 5x Power nozzles

### Thread: M6 | 1.0 x 25 mm

Art.-No. 530234 EAN 4004625302347



### Delivery

- 5x Power nozzles



## Micro burner and welding nozzle assortment

Nozzles accessories set for the Roxy series gas welding equipment

Art.-No. 35420 EAN 4004625354209



### Delivery

- 3x High performance welding nozzles: 1.2 mm – 1.5 mm – 2.0 mm
- 3x Micro nozzles: 0.4 mm – 0.5 mm – 0.7 mm



## Angle magnet

For the fixing and aligning of flat and round weldments

Fusing range: 30°, 45°, 60°, 75°, 90°

**100 x 65 mm**

Art.-No. 530213 EAN 4004625302132



**120 x 90 mm**

Art.-No. 530214 EAN 4004625302149



## Wire brush

The perfect cleaner for coarse matters

### Product coverage

- Cleaning of castings
- Cleaning of metal surfaces

### Product key features

- Handle made of high quality wood
- Stable metal bristles

**3 rows**

Art.-No. 561351E EAN 4004625027677



**4 rows**

Art.-No. 561352E EAN 4004625027684



## Flame retardant mat

Continuous temperature resistance 900°C (short term up to 1100°C) | Especially suited for temperatures above 800°C with liquid slag | Melting point in direct flame impingement 840°C

### Product coverage

- Provides protection of up to 1000°C of soldering flame and welding heat for ground surfaces (floors, ceilings, walls, wall coverings, cables, carpets and other high fire risk materials)

### Product key features

- Very flexible / Good formability
- Long service life
- High sliding and cut resistance

**25 x 25 x 0.4 cm**

Art.-No. 031051E EAN 4004625006931







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### Safety top lighter

The safe gas lighter for all soldering and welding equipment

The fuel gas is ignited safely in the pan by direct action of the spark |  
Flint replaceable

#### Product coverage

- Safe gas ignition

#### Product key features

- Gas/air mixture collects in the pot, so can be fired safely even in windy conditions
- Durable flint

Art.-No. 032093E EAN 4004625320938



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### Protective gas nozzle cleaner

The perfect complement for the cleaning of protective gas nozzles

Includes 3x Cleaning knives

Art.-No. 530219 EAN 4004625302194



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### Pressure reducer with 2 manometers

Pressure flow can be adjusted manually with 2 manometers | Contents gauge: 0–315 bar | With shut-off valve and hose connector | W 21.8 x 1, – G 1/4" R

#### Product coverage

- For protective gas equipment (CO<sub>2</sub>, argon and carbon acid)

#### With 2 manometer

Art.-No. 530217 EAN 4004625302170



### Pressure reducer

Single-stage | Up to 130 bar test pressure with safety gauge according to EN 562 | Contents gauge adjustable from 0 to 6 bar | Input: M 10 x 1 right | Output: G 1/4" R with hose nozzle

#### Product coverage

- For protective gas disposable bottles

#### With manometer

Art.-No. 530218 EAN 4004625302187



### Oxygen pressure reducer

Bottle contents: 110 bar | Input: M 10 x 1 | Output: G 1/4" R

#### Product coverage

- Fits oxygen disposable bottles with 10 x 1 thread

#### Product key features

- Infinitely adjustable

#### Includes Flashback valve

Art.-No. 1500000465 EAN 4004625379240



### Oxygen pressure reducer

Bottle contents: 200 bar | Working pressure: 0–10 bar | Input: G 3/4" R | Output: G 1/4" R

#### Product coverage

- Suitable for oxygen-returnable bottles: Roxy 400L, Roxy Universal and Standard three gas equipment

#### Product key features

- Includes Flashback valve

#### With 2 manometer

Art.-No. 35634 EAN 4004625001240



### Hose package Roxy Kit / Roxy Mapp

The hose pack for autogenous welding devices in the Roxy Series

With integrated gas non-return function | Oxygen pressure reducer (integrated non-return function) | Includes Grip with regulating valves (connection: 14 x 1) | Oxygen hose connection G 1/4" R | Gas hose connection M 10 x 1

#### Product coverage

- For autogenous welding equipment from the Roxy Series with oxygen disposable bottles

#### Hose length: 1.5 m each

Art.-No. 33300 EAN 4004625333006





## Hose package Roxy 400L / Roxy Universal

The hose pack for autogenous welding devices in the Roxy Series

With integrated oxygen and gas non-return function | Includes Grip with regulating valves (connection: 14 x 1) | Oxygen hose connection G 1/4" R | Gas hose connection M 10 x 1

### Product coverage

- For autogenous welding equipment from the Roxy Series with oxygen re-useable bottles

**Hose length: 1.5 m each**

Art.-No. 33301 EAN 4004625333013



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## Welding protection goggles

To protect the conjunctiva from burns

Plastic frame with adjustable temples and fold-out side protection | Interchangeable protective glasses | Robust safety glasses with traditional visors | Glass Size: Ø 50 mm

### Product coverage

- Brazing and soldering
- Autogenous welding
- Flame cutting

### Product key features

- Adjustable length and tilt strap ensures a perfect fit

**With DIN 5 Glasses**

Art.-No. 035621E EAN 4004625356210



## Full protection eyewear

To protect the conjunctiva from burns

Large-scale protection of the eye area due to flexible plastic housing (PVC) | Eyeglass frames made from polyamide | Resizing possible with the adjustable elastic band | Ventilation slots prevent fogging of the safety glasses | Light protection glasses are foldable and interchangeable | Transparent protective glasses | Suitable for people who wear glasses | CE approved according to EN 166/169 | Glass Size: Ø 50 mm

### Product coverage

- Brazing and soldering
- Autogenous welding
- Flame cutting

**With DIN 5 Glasses**

Art.-No. 530207 EAN 4004625302071



## Screw ring goggles

To protect the conjunctiva from burns

Stroof glasses with screw cover | Housing made from metal, with elastic band and side air vents | Full protection for the eye area | Interchangeable protective glasses | CE approved according to EN 166/169 | Glass Size: Ø 50 mm | Weight: approximately 80 g

### Product coverage

- Brazing and soldering
- Autogenous welding
- Flame cutting

**With DIN 5 Glasses**

Art.-No. 530208 EAN 4004625302088





## RoProtect protective hand shield

### Provides protection during welding

Simple housing made from fire-resistant material with handle | Standardised recording of light stabilisers and glass filters

#### Product coverage

- For arc welding process (E, MIG, MAG, TIG)

**Glass size: 90 x 110 mm**

Art.-No. 530201 EAN 4004625027738



## RoProtect protective clear vision shield

### For safe and extensive protection during welding

Very sturdy housing made from fire-resistant material, ergonomically shaped | With handle and integrated folding mechanism (foldable light protection glass) | Standardised recording of light stabilisers and glass filters

#### Product coverage

- For arc welding process (E, MIG, MAG, TIG)

#### Product key features

- Large-scale housing guarantees optimum radiation protection for the eyes and the facial area

**Glass size: 90 x 110 mm**

Art.-No. 530202 EAN 4004625027745



## RoProtect protective head shield

### Provides protection during welding

Very sturdy housing made from fire-resistant plastic, ergonomically shaped | Ambidextrous work through the fastening device on the head | Universal fit due to variable sizing | Standardised recording of light stabilisers and glass filters

#### Product coverage

- For arc welding process (E, MIG, MAG, TIG)

#### Product key features

- Large-scale housing guarantees optimum radiation protection for the eyes and the facial area

**Glass size: 90 x 110 mm**

Art.-No. 530203 EAN 4004625027752



## Automatic welding protective head shield

### The surefire protection during welding – Recommended for DIY and professionals

Very solid housing made of fire resistant plastic, ergonomically shaped | Ambidextrous works by fastening device on the head | Infinitely adjustable headband with automatically darkened active welding glass | Passive DIN 4, active DIN 9–13, infinitely adjustable from the outside | Powered by solar cells | Sensitive adjustment | Temperature resistance up to 130°C | Approved according to EN 175 and EN 379

#### Product coverage

- For arc welding process (E, MIG, MAG, TIG)

Art.-No. 1500000171 EAN 4004625371312





### Prescription glass

Replacement glass for ROTHENBERGER Industrial welding protective screens  
Colourless

#### Product coverage

- For the protection of welding protection glasses

**90 x 110 mm**

Art.-No. 530204 EAN 4004625302040



#### Delivery

- 5x Glasses



### Protective glass

Replacement glass for ROTHENBERGER Industrial welding protective screens

#### Product coverage

- Protects conjunctiva against burns

**DIN 9 | 90 x 110 mm**

Art.-No. 530205 EAN 4004625302057



#### Delivery

- 2x Glasses

**DIN 11 | 90 x 110 mm**

Art.-No. 530206 EAN 4004625302064



#### Delivery

- 2x Glasses



### Protective gloves

Quality gloves for optimum heat protection

5-Finger | Size 10 with cuffs | Made from split leather

#### Product coverage

- Protection for the hands during welding

Art.-No. 530216 EAN 4004625302163



### Welding protection spray

Silicone and methylene chloride free

#### Product coverage

- For the cleaning and keeping clean of welding nozzles
- Protection of the material surfaces to be welded
- To protect the pieces to be welded before spraying without impairing the weld

**Contents: 400 ml**

Art.-No. 40600 EAN 4004625406007



### Chipping hammer

Made from metal | With 2 Schagenden (flat / pointed) | Weight: 430 g

**Full Metal | Colour: Red**

Art.-No. 530215 EAN 4004625302156





**Industrial gases** ROTHENBERGER Industrial is a sought after gas specialist in Europe. All gas cartridges, steel and aluminium bottles are certified and comply with the current standards and guidelines. Safety is very important to us. The hazardous materials as well as hazardous material markings are constantly reviewed and adapted to the legal requirements. Consequently, we guarantee smooth running in terms of transport and storage as well as during use.

Our gases are used in the fields of soldering, welding, in heating and in flame technology. To this end, among other special technical requirements, various connectors and temperature options are to be considered.





### C200 Supergas

The C200 Supergas piercing cartridge is universally applicable for devices with a corresponding receiving device

High purity butane gas mixture

**Product coverage**

- This cartridge may be used with any device category immediate butane pressure according to EN 521
- Blow lamps
- Bunsen burner
- Scout camp stove
- Scout camping lamp

**Product key features**

- Integrated ILL-security system for leakage limit (according to EN 417: 2012)

**Contents: 190 g / 330 ml**

Art.-No. 1500000924 EAN 4004625387269



**Contents: Triple pack: 3x 190 g / 330 ml**

Art.-No. 1000000984 EAN 4004625388471



**Delivery**

- 3x C200 Supergas á 190 g



### Multigas 300

Tinplate screwable cartridges

Connection: 7/16" EU | Gas mix: 30 % Propane, 70 % Butane

**Contents: 600 ml / 338 g**

Art.-No. 35510 EAN 4004625355107



**Contents: Double pack: 2x 600 ml / 338 g**

Art.-No. 035510D EAN 4004625014080



### Multigas Jumbo

Tinplate screw cartridges – special size

Connection: 7/16" EU | Gas mix: 30 % Propane, 70 % Butane

**Product key features**

- +25 % more content

**Contents: 750 ml / 420 g**

Art.-No. 1500000045 EAN 4004625368770





## Maxigas 400

High performance, welding, cutting and brazing gas

Screw cartridge | Connection: 7/16" EU |

Gas mix: 21.5 % Acetone, 56 % N-Butane Isobutane, 1.5 % Pentane, 21 % Propane

### Product coverage

- Gas welding
- Brazing

### Product key features

- Facilitates high working temperatures

Contents: 600 ml / 352 g

Art.-No. 35570 EAN 4004625355701



Contents: 600 ml / 352 g

Art.-No. 035570-B EAN 4004625054369



## Minigas 100

Mini tinplate screwable cartridges

Connection: 7/16" EU | Gas mix: 30 % Propane, 70 % Butane

Contents: 150 ml / 85 g

Art.-No. 35504 EAN 4004625355046



## RoFill Super 100

Aluminium gas refill cartridge

Gas mix: 25 % Propane, 75 % Butane

### Product key features

- Various nozzle adapter caps
- High purity for the operation of micro soldering torches

Contents: 100 ml / 56 g

Art.-No. 35840 EAN 4004625358405



## Topgas 220

Tinplate screwable cartridges

Connection: 7/16" EU | Gas mix: 30 % Propane, 70 % Butane

### Product key features

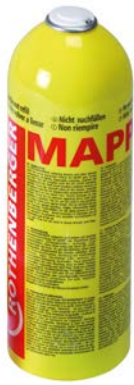
- High stability for the operation of gas appliances in camping, picnics and various laboratory burners

Contents: 370 ml / 220 g

Art.-No. 35201 EAN 4021572075728







## Mapp Gas

ROTHENBERGER special gas mixture

Screw cartridge | Connection: 7/16" EU | Gas mix: Butane – Propylene

### Product coverage

- Welding
- Brazing

### Product key features

- Allows very high working temperatures
- Constant gas pressure at low ambient temperatures

**Contents: 750 ml / 411 g**

Art.-No. 035551-A EAN 400462535510



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## Propane small bottle

Steel gas bottle

Connection: G 3/8" L

### Product coverage

- Mobile use for roof plumbing and tinsmith works

### Product key features

- Suspension facilitates mobile use
- Straightforward and inexpensive refilling with refill spout 032207E
- Lightweight due to lightweight metal bottle

**Contents: Empty**

Art.-No. 33079 EAN 4004625330791



### Delivery

- Propane small bottle with sampling and filling valve (including venting.)
- Feet
- Hook

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**Our warehouse is well organised.**

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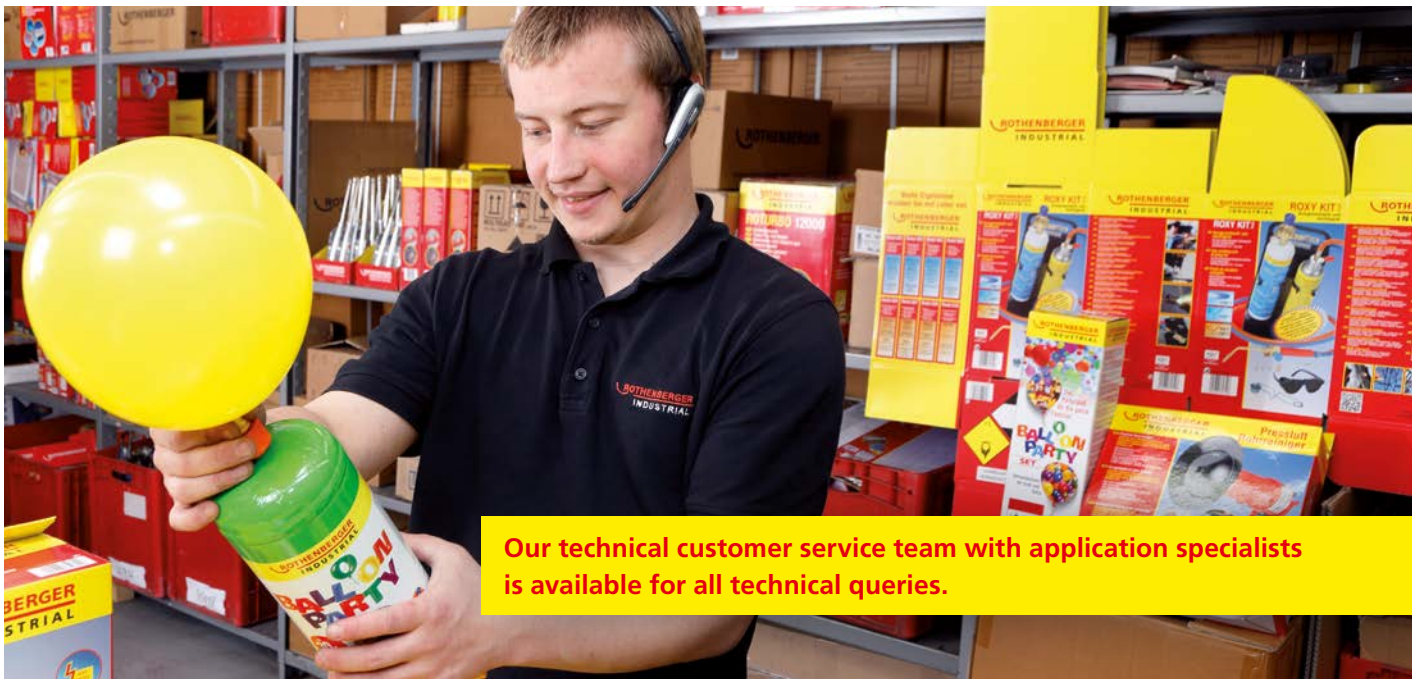
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**Our technical customer service team with application specialists is available for all technical queries.**

## Helium



### Helium

Steel single use bottle  
 Connection: M 10 x 1 | 100 bar

**Product coverage**  
 • Balloon Party Set

**Contents: 2.2 l**  
 Art.-No. 35206 EAN 4004625352069



## Protective gas



### Argon

Protective gas steel single use bottle  
 Connection: M 10 x 1

**Product coverage**  
 • To protect the molten bath during MIG welding  
**Product key features**  
 • 100 % argon

**Contents: 950 ml | Full pressure: 60 bar**  
 Art.-No. 35775 EAN 4004625357750



### Carbon dioxide (CO<sub>2</sub>)

Protective gas steel single use bottle  
 Connection: M 10 x 1

**Product coverage**  
 • To protect the molten bath during MAG welding

**Contents: 950 ml | Full pressure: 36 bar**  
 Art.-No. 35776 EAN 4004625357767







**Heating and flaming** Flaming devices are used in various areas. The work always proves to be fast and effective.

Among the best known uses of flame technology include the scarfing of roofing felt or bitumen sheeting. However, this is only recommended with warming torches as well as herbicides for an environmentally friendly and economical alternative to conventional weed control.

The installation of roof or bitumen membranes with warming torches has the advantage that no additional adhesive is required and fast work progress is achieved. The bitumen coating is melted by the action of heat with the burner flame and connects with the subsurface.

For the killing of weeds, a special flaming device can be used in the garden or on sidewalks. The plants or plant parts are heated briefly with the flame, so that the cell walls burst and the protein molecules are destroyed.

With this action, the entire plant is killed. The optimal time for this is in the Spring. The younger the plant, the better the result.

This treatment must be repeated several times, as the weed can initially grow strongly due to changes in the plant cells.

Other possible applications of flame technology include warming-up, sealing films, tar work, concrete and masonry drying.





### RoMaxi Premium Piezo

The power burner with piezo ignition for flaming and hot glue works

Piezo ignition | Flame temperature: up to 1060°C | Gas pressure: max. 4 bar, 8 kg/h | Short flexing burner with 57 mm | 60 cm long burning pipe, 35° bend

#### Product coverage

- Scarfing of bitumen sheets
- Warming
- Singe
- Sealing films
- Tar work
- Roof insulation
- Concrete and masonry drying
- Biological weed and moss removal

#### Product key features

- Lower gas consumption due to exact burner setting
- Piezo ignition

#### With 5.0 m propane gas hose

Art.-No. 030955E EAN 4004625309551



#### Delivery

- 1x High performance burner – surface finish & edge reinforced with flame stabiliser
- 1x Propane hose – 5.0 m, G 2 x 3/8" L
- 1x Handle with three-way valve and fixed pilot flame
- 1x 60 cm burner pipe with burner support



### RoMaxi Premium

The power burner for flaming and hot glue works

Flame temperature: up to 1060°C | Gas pressure: max. 4 bar, 8 kg/h | Flexing burner with 60 cm approx. 35° bend | Burner: Ø 57 mm

#### Product coverage

- Scarfing of bitumen sheets
- Warming
- Singe
- Sealing films
- Tar work
- Roof insulation
- Concrete and masonry drying
- Biological weed and moss removal

#### Product key features

- Lower gas consumption due to exact burner setting

#### With 5.0 m propane gas hose

Art.-No. 030954E EAN 4004625309544



#### Delivery

- 1x High performance power burner – surface finish & edge reinforced with flame stabiliser
- 1x Propane hose – 5.0 m, G 2 x 3/8" L
- 1x Handle with three-way valve and fixed pilot flame
- 1x 60 cm burner pipe with burner support

#### With 5.0 m propane gas hose & propane constant regulator

Art.-No. 030957E EAN 4004625309575



#### Delivery

- 1x High performance power burner – surface finish & edge reinforced with flame stabiliser
- 1x Propane hose – 5.0 m, G 2 x 3/8" L
- 1x Propane constant regulator
- 1x Handle with three-way valve and fixed pilot flame
- 1x 60 cm burner pipe with burner support





## RoMaxi Economy

The power burner for flaming and hot glue works in an economy version

Flame temperature: up to 1060°C | Gas pressure: max. 4 bar, 8 kg/h | Burner flexing with 60 cm, 35° bend | Burner: Ø 57 mm

### Product coverage

- Scarfing of bitumen sheets
- Warming
- Singe
- Sealing films
- Tar work
- Roof insulation
- Concrete and masonry drying
- Biological weed and moss removal

### Product key features

- Lower gas consumption due to exact burner setting

### With 5.0 m propane gas hose

Art.-No. 030958E EAN 4004625309582



### Delivery

- 1x High performance burner – galvanised steel & reinforced edges
- 1x Propane hose – 5.0 m, G 2 x 3/8" L
- 1x Handle with three-way valve and fixed pilot flame
- 1x 60 cm burner pipe with Burner support

### With 5.0 m propane hose & propane constant regulator

Art.-No. 150000930 EAN 4004625388198



### Delivery

- 1x High performance burner – galvanised steel & reinforced edges
- 1x Propane hose – 5.0 m, G 2 x 3/8" L
- 1x Propane constant regulator
- 1x Handle with three-way valve and fixed pilot flame
- 1x 60 cm burner pipe with burner support



## RoMini Premium

The power burner for flaming and hot glue works in a handy small format

Flame temperature: up to 1060°C | Gas pressure: max. 4 bar, 8 kg/h | Short flexing burner with 30 cm, ca. 30° bend | Burner: Ø 54 mm

### Product coverage

- Scarfing of bitumen sheets
- Warming
- Singe
- Sealing films
- Tar work
- Roof insulation
- Concrete and masonry drying
- Biological weed and moss removal

### Product key features

- Lower gas consumption due to exact burner setting

### With 2.0 m propane gas hose

Art.-No. 030961E EAN 4004625309612



### Delivery

- 1x High performance burner with flame stabiliser
- 1x Propane hose – 2 m, G 2 x 3/8" L
- 1x Handle with three-way valve and fixed pilot flame



## Turbo Plus

The broad-beam universal burner with jumbo multi-gas giant for very good flaming results

Flame temperature: 940°C

### Product coverage

- Thermal weed and moss eradication
- Warming
- Singe
- Sealing of films

### Product key features

- High productivity per unit area
- Wide burner flame
- Piezo ignition
- Eco-Friendly
- Sustainable

### With 1x Multigas Jumbo cartridge

Art.-No. 1000001250 EAN 4004625396520



### Delivery

- 1x Turbo Plus
- 1x Multigas 300 jumbo cartridge (+25 % more content)



## Universal burner

The proven universal burner for various flaming work

Flame temperature: 940°C

### Product coverage

- Thermal weed and moss eradication
- Warming
- Singe
- Sealing of films

### Product key features

- Piezo ignition
- Eco-Friendly
- Sustainable

### Without gas

Art.-No. 30966 EAN 4004625309667



### Delivery

- 1x Universal burner

### With 1x Multigas 300 jumbo cartridges

Art.-No. 1000000189 EAN 4004625373255



### Delivery

- 1x Universal burner
- 2x Multigas 300 Jumbo cartridges

### With 2x Multigas 300 cartridges

Art.-No. 1000000557 EAN 4004625380963



### Delivery

- 1x Universal burner
- 2x Multigas 300 cartridges



## Electric weedkiller

On Page 63 you find the new Electric weedkiller



### Propane gas leak protection

Security element for the operation of gas appliances

10–14 kg/h, 2 x G 3/8" L-DVGW checked | Usable together with propane regulators with G 3/8" L outlet | Mounting directly on the controller

**Product coverage**

- Gas soldering equipment with hose lengths of over 5.0 m
- Required for commercial use

**Product key features**

- Immediately stops the gas supply in case of hose damage

**1.5–4 bar**

Art.-No. 035925E EAN 4004625359259



### Propane regulator

0.5–4 bar | Infinitely adjustable | W 21.8 x 1/14" L-D max. 8 kg/h | DVGW-checked

**Product coverage**

- For propane gas bottles 5 kg, 11 kg, 33 kg and gas soldering equipment with hose connection G 3/8" L

**0.5–4 bar**

Art.-No. 032081E EAN 4004625320815



### Propane regulator

0.5–4 bar | Infinitely adjustable | W 21.8 x 1 / 1/14" L-D max. 8 kg/h | DVGW-checked

**Product coverage**

- For propane gas bottles 5 kg, 11 kg, 33 kg and gas soldering equipment with hose connection G 3/8" L

**0.5–6 bar**

Art.-No. 032082E EAN 4004625014646



### Propane regulator with manometer

0.5–4 bar | W 21.8 x 1/14" L / G 3/8" L-D max. 8 kg/h | DVGW-checked

**Product coverage**

- For propane gas bottles 5 kg, 11 kg, 33 kg, and gas soldering equipment with hose connection G 3/8" L

**Product key features**

- High optimal control range for heating torch
- Pressure indication by manometer

**Includes Manometer, infinitely adjustable**

Art.-No. 032100E EAN 4004625321003



### Propane constant regulator

W 21.8 x 1/14" L – G 3/8" L-D max. 8 kg/h | DVGW-checked

**Product coverage**

- For propane gas bottles 5 kg, 11 kg, 33 kg and gas soldering equipment with hose connection G 3/8" L

**4 bar**

Art.-No. 030925E EAN 4004625309254





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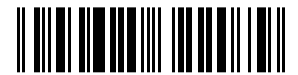
### Propane refill connection

#### Product coverage

- For connection to propane gas bottles 5 kg, 11 kg, 33 kg
- For the filling of propane small bottles (033079)

W 21,8" L / G 3/8" L

Art.-No. 032207E EAN 4004625322079



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### Propane gas hose line

Pressure: 2 MPa (20 bar) | Ø 5 mm | Connection: 2 x G 3/8" L | certified according EN 1327

#### Product key features

- Can be used in conjunction with double nipple (item 540255E) as an extension tube

Length: 2.0 m

Art.-No. 030927E EAN 4004625309278



Length: 2.5 m

Art.-No. 032201E EAN 4004625322017



Length: 5.0 m

Art.-No. 033310E EAN 4004625333105



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### Double nipple

For the secure lengthening of propane gas hoses

#### Product coverage

- Extension of propane gas hoses

Connection: 2x G 1/4" L

Art.-No. 540251E EAN 4004625402511



Connection: 2x G 3/8" L

Art.-No. 540255E EAN 4004625001929



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## Camping, Garden & Household

Whether for the household, camping or a cheerful garden party, ROTHENBERGER Industrial has the right equipment for you.

Our camping stove with either a single flame or two flame option, is simple and safe to handle as well being portable. Whether you are cooking, heating, warming or frying, you always have the optimal solution when travelling. In addition to this, our camping lamp always ensures sufficient illumination.

Our LED lights are excellent for travelling and when stationary have a high luminosity and due to the LED technology, they have a long functional life.

They are light, easy to handle and equipped with additional functions.

With our household items you can make every celebration an unforgettable experience with family or colleagues.

What is a garden party or family celebration without fun helium balloons? With our set every party is a special experience for friends and family.





### Crème Brûlée Set

Creative in the kitchen with the professional gourmet burner

Working temperature: 450°C

**Product coverage**

- The Gourmet Burner is designed for cooking foodstuffs
- Whether used for the flambé, caramelisation, browning, gratinising of food and desserts, the crème brûlée Gourmet Burner makes this easy and secure

**Product key features**

- Ready to use (including RoFill gas cartridge)
- Easy to use
- Easy refillable
- Big gas tank for long operating time
- Stable
- Piezo ignition

**Includes Rofill Gas cartridge**

Art.-No. 035126E EAN 4004625053065



**Delivery**

- 1x Gourmet Burner
- 1x Pedestal
- 1x RoFill Super 100 cartridge



### Balloon Party Set

Helium balloons for all ages – Party fun for the whole family

Our balloon Party Set includes everything you need for a great flying balloon ideas. After use, the helium bottle can be disposed of easily. Simply attach balloon, turn the shutter and slowly inflate the balloon to the desired size.

**Product coverage**

- Ideally suited for occasions such as birthdays
- Wedding
- Carnival
- And many other celebrations

**Product key features**

- Easy to use
- Ready to use

Art.-No. 035206E EAN 4004625054062



**Delivery**

- 1x Helium-disposable cartridge – 2 l
- 1x Security extraction valve
- 25x Latex balloons á 25 cm
- 1x Egg shaped ball ribbon



### Bunsen burner

The ideal burner for heating in goldsmith and laboratory work as well as in glass and plastic processing

Flame temperature: 900°C | Gas consumption in normal use: 45 g/h / 1.0 kW

**Product coverage**

- Crafts: Optics & Goldsmith's work
- Industrial laboratories Physics, Chemistry and Pharmaceutics
- School lessons: Practical work and experiments

**Product key features**

- Stable
- Exact flame adjustment

Art.-No. 1500000194 EAN 4004625371503





## Scout camping lamp

The mobile light for camping, household and garden

### Product key features

- With piezo ignition for easy lighting
- Safe operation
- Quickly ready
- Safe and easy centering
- Quick change of cartridge
- Stable with handle
- Temperature resistant safety glass
- Sturdy plastic housing

Art.-No. 35902 EAN 4004625359020



### Delivery

- 1x Camping lamp
- 3x Incandescent mantles



## Scout camping cooker

The mobile stove for camping, household and garden

Cooking edition: approximately 14 cm | Operate with piercing Supergas C200 cartridge

### Product key features

- Secure stand with handle
- Three-point pot ring – non-tilting
- Pot ring, Burner and windshield made from surface treated metal
- Sturdy plastic housing

Art.-No. 35904 EAN 4004625359044



## Duo camping cooker

The mobile cooker for camping, household and garden

Power Rating: large burner: 1.70 kW, middle burner: 1.20 kW | Consumption: large burner: 121 g/h, middle burner: 85 g/h | Connect to propane gas bottles (5 kg and 11 kg) with pressure reducer 50 mbar | With hose (0.8 m, Connection: G 1/4" L) and controller (50 mbar)

### Product coverage

- Recommended for Ø 16–22 cm heads

### Product key features

- Two cooking zones with stable pot rings (chrome)
- Enamelled housing
- Wind Stable Burner

### Includes Hose and regulator

Art.-No. 35940 EAN 4004625359402



### Delivery

- 1x Two-flame stove
- 1x Hose – 80 cm with connection 2x G 1/4" L
- 1x Propane regulator – 50 mbar



## Bench cooker

The ideal companion for camping, outdoor and leisure

Burner made of solid cast iron | Stable construction made of sheet steel

### Product coverage

- For stews, soups, stew and mulled wine
- For heating and browning in a pan or wok

### Performance: 7.5 kW

Art.-No. 1500001392 EAN 4004625396223



### Delivery

- 1x Bench cooker
- 1x Hose assembly – 1.5 m – G 1/4" L
- 1x Propane constant regulator – 50 mbar



## Electric weedkiller

Fast environmentally friendly burning or charring of weeds

Rated voltage: 230 V / 50 Hz | 2 metre cable

### Product coverage

- Weed and moss removal

### Performance: 2000 W

Art.-No. 1500002183 EAN 4004625405710



### Delivery

- 1x Electric weedkiller (unit disassembles into three parts)
- 1x Nozzle attachment

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## LED economy head lamp

The mobile light source on the go

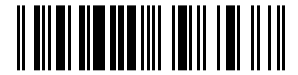
With 3 lighting functions for distance and near zones. The elastic lanyard is adjustable in size. The light carrier is adjustable and movable as required.

### Product coverage

- Additional lighting while cycling
- Repair work in the dark
- Leisure activities (fishing, camping, hiking)

### LED performance: 1 W

Art.-No. 1500001450 EAN 4004625396537



### Delivery

- 1x Headlamp
- 3x 1.5 V AAA batteries



## LED premium head lamp

The mobile light source on the go

With 3 lighting functions for distance and near zones. The elastic lanyard is adjustable in size. The light carrier is adjustable and movable as required.

### Product coverage

- Additional lighting while cycling
- Repair work in the dark
- Leisure activities (fishing, camping, hiking)

### LED performance: 3 W

Art.-No. 1500001451 EAN 4004625396551



### Delivery

- 1x Headlamp
- 3x 1.5 V AAA batteries



## LED multi function light

The handy multifunctional light with USB output

18x powerful white LED | Dimming function 100 % - 50 % |

Strong lithium-ion battery | Rechargeable battery |

Charging options: 230 V (power outlet), 12 V (car) and 5 V (USB)

### Product key features

- USB output for charging of mobile devices
- Easy installation due to hook or magnet

Art.-No. 1500000891 EAN 4004625386804



### Delivery

- 1x LED multifunction light
- 1x 230 V charger
- 1x 12 V car adapter
- 1x USB cable





## Mini gas lighter

### Product key features

- Piezo ignition
- Trigger lock
- Fuel gauge
- Refillable

**Includes Piezo ignition and gas display**

Art.-No. 035992E EAN 4004625359921



## Standard gas lighter

### Product key features

- Piezo ignition
- Fuel gauge
- Trigger lock
- Refillable
- Child safety lock

**Includes Piezo ignition and gas display**

Art.-No. 035990E EAN 4004625359907



## Storm safe gas lighter

### Product key features

- Storm safe
- Piezo ignition
- Fuel gauge
- Trigger lock
- Refillable
- Child safety lock

**Includes Piezo ignition and gas display**

Art.-No. 035991E EAN 4004625359914



## Gooseneck gas lighter

### Product key features

- Storm-proof
- Piezoelectric ignition
- Fuel gauge
- Trigger lock
- Refillable
- Child safety
- Portable Gooseneck

**Includes Piezo ignition and gas display**

Art.-No. 150000023 EAN 4004625368077





**Sanitary installation** The pipe processing and pipe cleaning has a very long tradition at ROTHENBERGER. To this day, an innovative range of products for the plumbing and heating installer sits at the heart of ROTHENBERGER. Many patents, excellent problem solving, robust and high quality tools link the installer with the ROTHENBERGER brand.

ROTHENBERGER Industrial implements this from day one for the handyman. We align our assortment to the needs of the handyman but the professional also benefits.

We put our emphasis on pipe machining and tube cleaning, while the focus is on a simple and secure handling, durability and quality.

In our range you will find the right pliers for each application. Accurately fitting pliers for gentle gripping, high-quality water pump pliers and premium corner pipe wrenches with S-mouth for universal use are available.

Pipe threading, pipe bending, pipe cutters; we offer our customers a large selection of these products in a high quality.

To complete our range, we offer various cleaning equipment for different applications. In this area we place great emphasis on environmentally friendly solutions.





### Sanikit

The professional complete set in a plastic case for the handyman

#### Product coverage

- For all installation work in plumbing and heating systems | Ideal for repair and assembly as well separating steel pipes up to  $\varnothing$  1 1/4" (31.75 mm)
- Threading to  $\varnothing$  1" (25.4 mm) | Recommendation: Always use thread cutting oil (eg Ronol Syn 65013)
- Assembly, screw fittings, grommets and sealing of threaded fasteners Up to  $\varnothing$  1 1/4" (31.75 mm)

Art.-No. 070673E EAN 4004625706732



#### Delivery

- 1x Plastic case
- 1x Ratchet lever, 2-piece
- 1x Ratchet thread cutter Super Cut 1 1/4", with small 8-edge and proven Quick-change
- 3x Thread cutters with small outer-octagon (BSPT right 1/2" – 3/4" – 1") for tapered (conical) pipe thread 1: 16
- 1x Steel pipe cutter – 1 1/4"
- 1x Corner pipe wrench – 1"
- 1x Water pump wrench – 250 mm, 10"
- 1x Roll of Teflon tape



### Tube Cutter 30

#### Pipe cutters

Robust monobloc sledge and two guide rollers with recess for hemming sewing section

#### Product coverage

- For cutting copper, brass, aluminium and thin-walled steel pipes

#### Product key features

- With folding inner de-burrer and spare cutter wheel in the handle

$\varnothing$ : 3 mm – 30 mm (1/8" – 1 1/8")

Art.-No. 070641E EAN 4004625706411



### Tube Cutter 35

#### Telescopic pipe cutters

Robust construction and two guide rollers with recess for hemming sewing section

#### Product coverage

- For cutting copper, brass, aluminium and thin-walled steel pipes

#### Product key features

- With folding inner de-burrer
- Spare cutter wheel in the handle

$\varnothing$ : 6 mm – 35 mm (1/4" – 1 3/8")

Art.-No. 070941E EAN 4004625709412







## Tube Cutter 42

### Telescopic pipe cutters

Robust construction and two guide rollers with recess for hemming sewing section

#### Product coverage

- For cutting copper, brass, aluminium and thin-walled steel pipes

#### Product key features

- With folding inner de-burrer
- Spare cutter wheel in the handle

Ø: 3 mm–42 mm (1/8" – 1 5/8")

Art.-No. 070642E EAN 4004625706428



## MiniMax

### Pipe cutters

With two support rollers with groove for flanged seam section

#### Product coverage

- For cutting copper, brass, aluminium and thin-walled steel pipes

#### Product key features

- Handy design with small working radius
- Effortless tensioning due to large knurled knob
- Ergonomic design of the base body

Ø: 3 mm–28 mm (1/8" – 1 1/8")

Art.-No. 070644E EAN 4004625706442



## MiniCut

### Pipe cutters

With two support rollers with groove for flanged seam section

#### Product coverage

- For cutting copper, brass, aluminium and thin-walled steel pipes

#### Product key features

- Handy design with very small working radius
- Effortless tensioning due to large knurled knob
- Ergonomic design of the base body

Ø: 3 mm–22 mm (1/8" – 7/8")

Art.-No. 070640E EAN 4004625706404



## Steel pipe cutter

Width rollers for reliable guidance and chrome plated spindle | All-steel, drop forged | With chrome plated stem and wide rolls for safe operation

#### Product coverage

- Ideal for exact cutting of steel pipes

#### Product key features

- External burr-free cutting pipe threads
- Simple pressure regulation for optimum power transfer to the tube
- Long service life through hardened cutting wheel from high-alloy steel

Ø: 10 mm–42 mm (1/8" – 1 1/4")

Art.-No. 070643E EAN 4004625706435





### Pipe vice

All-steel forged | hinged

#### Product coverage

- Ideal for pipe working in plumbing and heating installation

#### Product key features

- With automatic locking hook
- Movable top jaw for secure grip
- Milled upper jaw and lower jaw pad, Hardened and replaceable
- Strong, smooth spindle
- Pipe support
- Epoxy powder coating

Ø: 10 mm – 60 mm (1/8" – 2")

Art.-No. 070674E EAN 4004625706749



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### SuperCut caliper ratchet

For threading of BSPT right

Ratchet lever 2-piece | Ratchet tap wrench with 8-edge direct support | Safe stop of cutting heads

#### Product coverage

- For the recording of tapping heads with outer-8-edge

#### Product key features

- Power saving by lever function
- Handy, lockable switch the in ratcheting direction

Ø: 1/4" – 1 1/4"

Art.-No. 070664E EAN 4004625706640



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### Thread cutting head

For tapered (conical) external pipe thread 1:16 BSPT right | With external 8-edge

#### Product key features

- Faster cutting through advanced chip ejection chambers
- Reinforced locking ring and precise cutting jaw set
- Cutting jaws interchangeable

Ø External pipe thread: 3/8"

Art.-No. 070755E EAN 4004625707555



Ø External pipe thread: 1/2"

Art.-No. 070756E EAN 4004625707562



Ø External pipe thread: 3/4"

Art.-No. 070757E EAN 4004625707579



Ø External pipe thread: 1"

Art.-No. 070758E EAN 4004625707586



Ø External pipe thread: 1 1/4"

Art.-No. 070759E EAN 4004625707593



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## SuperCut Set

### Professional annular screw set with 3 cutting heads

For threading of BSPT right | Ratchet lever divided (2-piece handle), with 8-socket direct support | Safe Stop of cutting heads | Easy insertion and removal | Faster cutting through advanced chip ejection chambers | Reinforced locking ring and precise cutting back seat | Small teeth and reduced ratchet angle

#### Product coverage

- For producing precision standardised threaded connections

#### Product key features

- Power saving by lever function
- Handy, lockable switch the ratcheting direction
- Perfect centering
- Optimised cutting geometry allows easy gating and excellent chip flow
- In plastic carrying case
- Fast cutting through advanced chip ejection chambers
- Easy insertion and removal of the cutter heads

**With 3 cutting heads: Ø 1/2" – 3/4" – 1"**

Art.-No. 070780X EAN 4004625707807



#### Delivery

- 1x Thread cutting ratchet
- 1x Cutting head 1/2"
- 1x Cutting head 3/4"
- 1x Cutting head 1"
- 1x Plastic case
- 1x Ratchet lever – 2-piece



## SuperCut Premium

### Annular screw set with 4 cutting heads

For threading of BSPT right | Ratchet lever divided (2-piece handle), with 8-socket direct support | Safe Stop of cutting heads | Easy insertion and removal | Faster cutting through advanced chip ejection chambers | Reinforced locking ring and precise cutting back seat | Small teeth and reduced ratchet angle

#### Product coverage

- For producing precision pipe threaded connections

#### Product key features

- Power saving by lever function
- Handy, lockable switch the ratcheting direction
- Perfect centering
- Optimised cutting geometry allows easy gating and excellent chip flow
- In plastic carrying case

**With 4 cutting heads: Ø 1/2" – 3/4" – 1" – 1 1/4"**

Art.-No. 070669E EAN 4004625706695



#### Delivery

- 1x Plastic case
- 1x Thread cutting ratchet
- 1x Cutting head 1/2"
- 1x Cutting head 3/4"
- 1x Cutting head 1"
- 1x Cutting head 1 1/4"
- 1x Ratchet lever – 2-piece



## Copper pipe outer brush

For simple and effective treatment of the solder joint

### Product key features

- Stable and easy-grip plastic housing

Ø: 12 mm

Art.-No. 854191 EAN 4004625541913



Ø: 15 mm

Art.-No. 854193 EAN 4004625541937



Ø: 18 mm

Art.-No. 854195 EAN 4004625541951



Ø: 22 mm

Art.-No. 854196 EAN 4004625541968



## Copper pipe inner brush

For quick cleaning of solder fittings

Ø: 12 mm

Art.-No. 854181 EAN 4004625541814



Ø: 15 mm

Art.-No. 854183 EAN 4004625541838



Ø: 18 mm

Art.-No. 854185 EAN 4004625541852



Ø: 22 mm

Art.-No. 854186 EAN 4004625541869



## Internal and external milling cutter

### Product coverage

- For effortless deburring of the cut surfaces of copper, aluminium and mild steel pipes

### Product key features

- The special arrangement of three ground and hardened steel blade guarantees smooth surfaces without grooves

Ø: 4 mm–36 mm

Art.-No. 011080E EAN 4004625110805



## Basin wrench

Chrome vanadium special steel | Drop forged | Very robust

### Product coverage

- Ideal for installation of stand taps of washbasins

### Product key features

- Optimum power transmission due to-handle
- Swivel claw for clockwise and counterclockwise operation

Ø: 10 mm–32 mm (3/8–1 1/4") | Length: 275 mm

Art.-No. 070676E EAN 4004625706763







### Water pump pliers

Chrome vanadium steel | Drop forged | Hardened | Smoothed plier head | Self-clamping jaws | Induction hardened teeth | Crush and pinch protection on the handles | 7 settings

#### Product coverage

- For secure holding of pipes and flat material, as well as square and hexagonal screw connections

#### Product key features

- Ideal for hard to reach places due to long, slender plier head – excellent for corners

Ø: 1" / 33 mm | Length: 180 mm / 7"

Art.-No. 070651E EAN 4004625706510



Ø: 1 1/2" / 48 mm | Length 300 mm / 12"

Art.-No. 070652E EAN 4004625706527



Ø: 1 1/4" / 42 mm | Length: 250 mm / 10"

Art.-No. 070650E EAN 4004625706503



### 45° corner pipe wrench

Chrome vanadium steel | All-steel, drop forged | Hardened, S-shaped mouth | Reinforced sleeve | Smoothed jaws | Secure and non-slip grip by staggered toothing

#### Product coverage

- For secure holding of pipes, screw fittings, round materials, etc.

#### Product key features

- Clamp protection prevents jamming
- Universal use in the installation area

Ø: 1" / 33 mm | Length: 320 mm / 12"

Art.-No. 070656E EAN 4004625706565



Ø: 1 1/2" / 48 mm | Length: 425 mm / 16"

Art.-No. 070657E EAN 4004625706572



Ø: 2" / 60 mm | Length: 560 mm / 20"

Art.-No. 070658E EAN 4004625706589



### 90° fitting pliers

Chrome vanadium special steel | All-steel, drop-forged

#### Product coverage

- Plastic jaws ensure safe and gentle grip especially for chrome fittings and polished surfaces, fittings or metal sheets

#### Product key features

- Non-slip side shape
- Anti-trap prevents jamming
- Jaws made of special plastic

Ø: 1" / 35 mm

Art.-No. 070659E EAN 4004625706596





## Plastic pipe cutters

Ideal for plumbers, fitters and mechanics

### Product coverage

- For effortless cutting of plastic pipes and multi-layer composite pipes up to Ø 42 mm

### Product key features

- Adjustable blade base position
- Use a screwdriver to change the blade

Ø: 26–42 mm

Art.-No. 36011 EAN 4004625360118



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## Plastic pipe cutters

Ideal for plumbers, fitters and mechanics

### Product coverage

- For effortless cutting of plastic pipes and multi-layer composite pipes up to Ø 36 mm

### Product key features

- Adjustable blade base position
- Use a screwdriver to change the blade

Ø: 36 mm

Art.-No. 36010 EAN 4004625360101



02

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## Plastic cutting shears

Ideal for plumbers, fitters and mechanics

### Product coverage

- For effortless cutting of plastic pipes and multi-layer composite pipes up to Ø 42 mm diameter
- For effortless one-handed cutting of PE, PP, VPE, PB and PVDF pipes
- For plumbing and heating systems and plant engineering
- Particularly suitable to prepare for socket welding

### Product key features

- Fixing the pliers legs for transport
- Automatic & controlled opening of the blade at the push of a button
- Minimum effort during cutting
- Precise force transfer and guided cutter feed
- Point precision without deformation and square cut

Art.-No. 55099 EAN 4004625550991



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## Economy plastic pipe shears

Ideal for plumbers, fitters and mechanics

### Product coverage

- For effortless cutting of plastic pipes and multi-layer composite pipes up to Ø 42 mm

### Product key features

- With ratchet mechanism for optimal power transfer

Art.-No. 36099 EAN 4004625360996



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## Premium plastic pipe shears

Ideal for plumbers, fitters and mechanics

### Product coverage

- For effortless cutting of plastic pipes and multi-layer composite pipes up to Ø 42 mm

### Product key features

- With stainless steel blade and safety latch

Art.-No. 36012 EAN 4004625360125



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## RoCut plastic pipe shears

Double sided guided blade and ratchet feed | Width pipe support for rectangular section (orbital cut) | Particularly suitable for the preparation for socket welding

### Product coverage

- Effortless one-handed cutting of PE, PP PEX, PP and PVDF pipes. For plumbing and heating systems as well as plant engineering

Ø: 32 mm

Art.-No. 055090E EAN 4004625006917



Ø: 6–42 mm

Art.-No. 055091E EAN 4004625006894



## Replugging ratchet

Reversible R/L | Chrome vanadium steel | With 4-socket set

### Product coverage

- For universal spud wrenches

### Product key features

- Quick and easy assembly

Ø: 1/2"

Art.-No. 027180E EAN 4004625006832



## Water tap reseating tool

Complete with 2 cutter heads and 2 seals

Cylindrical stepped threaded receptacle for all common fittings

### Product coverage

- Uncomplicated application by exact-milling of the valve seat of leaking water valves

### Product key features

- Precise work due to adjustable cutting pressure by spring and adjusting screw
- Interchangeable cutters

Ø: 3/8" – 1/2"

Art.-No. 070663E EAN 4004625706633



### Delivery

- 1x Ground milling machine
- 1x Milling head 3/8"
- 1x Milling head 1/2"
- 2x Seals



## Screw hole

For material thicknesses up to max. 4 mm

### Product coverage

- For uniform, deformation-free punching of sheet metal, such as steel, V2A, Copper and aluminium
- Ideal for hard to reach places such as in switch cabinets, junction boxes, instrument panels, sink unit basins and bodies

### Product key features

- Optimal support due to 3-point gating
- Extremely durable due to metric lag screw

Ø: 32 mm

Art.-No. 021832E EAN 4004625006863



Ø: 35 mm

Art.-No. 021835E EAN 4004625023150





## SaniGrip

### Syphon pliers

Chrome vanadium special steel | All-steel forged | Chrome plated | Mounted plastic jaws

#### Product coverage

- Tightening and releasing of plastic pipe threaded connections
- Installation of filtering equipment in swimming pool area with round union nuts up to Ø 62 mm (siphon)

#### Product key features

- 4-way adjustable joint
- With toothed jaws of plastic

Clamping range: 15–62 mm | Length: 10", 250 mm

Art.-No. 070662E EAN 4004625706626



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## MiniBend

### Hand bending device

#### Product coverage

- Two-hand bending up to 180° of tubes made from soft copper, brass, aluminium and steel
- Refrigeration and air conditioning
- Automotive, hydraulic and pneumatic equipment

#### Product key features

- Minimum level and bending angle display on Bending scale

Ø: 6 – 8 – 10 mm (1/4" – 5/16" – 3/8")

Art.-No. 025160E EAN 4004625251607



03

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## GratFix

The quick trimmer with replaceable HSS universal blade

#### Product coverage

- For deburring edges on pipes, fittings, holes etc.

#### Product key features

- Always have a spare blade at hand
- Blade reservoir in the handle

Art.-No. 021659E EAN 4004625216590



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## Universal spud wrench

Step shape: 3/8" – 1/2" – 3/4" – 1" | Chrome vanadium steel (hardened and nickel-plated) | Square drive 1/2" with cam, hexagonal (6 point) and 12 point synchronisation

#### Product coverage

- For installation and removal of radiator valve nipples, return screw connections, tap extensions etc.

#### Product key features

- No canting in nipples and screw connections due to the special design of the step spanner

Art.-No. 073298E EAN 4004625732984



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## Sliding sleeves kit

#### Product coverage

- Plastic pipe joints
- Sleeve moulding technology

#### Product key features

- Fast lot- and thread depth press connections
- Kit packed in a handy plastic case

Art.-No. 1500002197 EAN 4004625406434

#### Delivery

- 1x Plastic pipe shears – 42 mm
- 1x Sliding sleeves device with 3 adapters (12, 16, 20 mm)
- 1x Expandable pliers – 12 to 20 mm
- 1x Plastic case



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### Copper pipe flexible spring

Angled cone, cadmium plated

**Product coverage**

- For hand bending of soft copper pipe

**Ø: 10 mm**

Art.-No. 025162E EAN 4004625251621



**Ø: 12 mm**

Art.-No. 025163E EAN 4004625251638



**Ø: 15 mm**

Art.-No. 025165E EAN 4004625251652



### RoLokus toilet seat assembly wrench

Installation wrench, plastic | Easy installation due to adjustable tilt angle

**Product coverage**

- Mounting of toilet seat sets

Art.-No. 036040E EAN 4004625360408



### Mixing nozzle key

Made from robust plastic

**Product coverage**

- For easy replacement of conventional aerators on taps and fittings

**Product key features**

- No scratching of chrome-plated surfaces with mixing nozzles and fittings

Art.-No. 070615E EAN 4004625706152



### Hemp dispenser

**Product coverage**

- For thread sealing in heating and plumbing technology

**Length: 40 m**

Art.-No. 070623E EAN 4004625006979



### Teflon band

In practical dispenser

**Product coverage**

- For clean sealing of metal and plastic screw threads

**Length: 12 m**

Art.-No. 070624E EAN 4004625706244





## Sanifresh

### Cleaning spray

Disinfecting and deodorising cleaning spray | Eliminates the risk of disease and allergies | Spray directly on infected surfaces | Eliminates unpleasant odours with a pleasant mint fragrance

#### Product coverage

- Ideal for air conditioning systems
- Application to eliminate mites, dust, bacteria and fungal spores

#### Product key features

- Spray can with spray head and spray tube

**Contents per bottle: 400 ml**

Art.-No. 85800 EAN 4004625858004



## Ronol Syn

### High-Performance tapping fluid

Mineral oil free | On synthetic base | Water and sanitation installation allowed | DVGW and SVGW approved

#### Product coverage

- For perfect and clean threads
- Coolant when sawing metals

#### Product key features

- Outstanding cooling / lubrication properties
- High pressure resistance
- Long service life of cutting tools
- Skin-friendly
- 100 % water soluble
- Silicone-free and easy to wash out

**Contents: 600 ml**

Art.-No. 65013 EAN 4004625650134



## RoTest leak detection spray

For detecting leakages on gas pipes, gas cylinders, tanks, valves and pipe connections | Neutral towards the common combustible gases and refrigerants | Besides the foaming no further reaction takes place

#### Product coverage

- Ideal for visual inspection of gas pipelines, pressure vessels, etc.

#### Product key features

- Simple and cost-effective handling – always ready
- Highly sensitive foam spray for fast and safe detection of leaks

**Contents: 400 ml / 470 g**

Art.-No. 65000 EAN 4004625650004





### Cleaning spiral with curved tip

Highly flexible cleaning spiral made of spring steel with plastic coating

Ø Spiral: 6.7 mm | With curved tip claw and hand crank

#### Product coverage

- For the cleaning, clearing and re- making of drainage and sewage pipes made of plastic, cast iron or stoneware with Ø 10–50 mm

#### Product key features

- The plastic coating protects the surface of the pipes and ensures a long service life of the spiral
- No decomposition of the spiral turns
- Easy cleaning

**Length: 1.5 m**

Art.-No. 072980E EAN 4004625729809



**Length: 2.5 m**

Art.-No. 072981E EAN 4004625729816



**Length: 5.0 m**

Art.-No. 072982E EAN 4004625729823



### Cleaning spiral with return drill

Highly flexible cleaning spiral made of spring steel

Ø Spiral: 9 mm | With return drill and hand crank

#### Product coverage

- Cleaning, clearing and re- making of drainage and sewage pipes made of plastic, cast iron or stoneware with Ø 50–100 mm

#### Product key features

- Sturdy stainless steel ensures optimum power transfer
- Galvanized version prevents corrosion

**Length: 5.0 m**

Art.-No. 072984E EAN 4004625729847



**Length: 7.0 m**

Art.-No. 072985E EAN 4004625729854



**Length: 10.0 m**

Art.-No. 072986E EAN 4004625729861





## Pipe cleaning cables with claw

Highly flexible cleaning spiral made of spring steel  
With return drill and hand crank

### Product coverage

- Cleaning, clearing and re-making of drainage and sewage pipes made of plastic, cast iron or stoneware with 30–100 mm

### Product key features

- Sturdy stainless steel ensures optimum power transfer
- Galvanized version prevents corrosion

Length: 3.0 m | Ø: 6 mm

Art.-No. 1500000139 EAN 4004625370216



Length: 3.0 m | Ø: 9 mm

Art.-No. 1500000140 EAN 4004625370223



Length: 10.0 m | Ø: 9 mm

Art.-No. 1500000141 EAN 4004625370230



## Pipe-perfect

Highly flexible cleaning spiral made of spring steel in a plastic spiral holder with Adapter

Adapter allows driving with electric drill and electric screwdriver | Ø Spiral: 6 mm

### Product coverage

- Cleaning, clearing and re- making of drainage and sewage pipes made of plastic, cast iron or stoneware with Ø 50–100 mm

### Product key features

- Sturdy spring steel ensures optimum power transfer
- Galvanized version prevents corrosion
- Closed spiral container made from sturdy plastic
- Compact design
- Adapter for drive with drill and electric screwdriver for comfortable work

Length: 4.5 m

Art.-No. 072990E EAN 4004625053812



## RoJet Premium

Drain and syphon cleaner

### Product coverage

- Removal of blockages in drains and drain pipes through use of the water pressure

### Product key features

- The included adapter allows you to connect to almost all commercially available fittings
- Environment-friendly without chemicals
- Low water consumption

Art.-No. 70940 EAN 4004625709405

### Delivery

- 1x High pressure cleaning hose – 3.0 m with injector nozzle for drains
- 1x High pressure cleaning hose – 3.0 m with special cleaning nozzle
- Various adaptaters
- Various thicknesses







## Compressed air pipe cleaners

### Ideal for removing blockages in drains and pipes

Through pressure buildup in the working cylinder via the integrated hand pump and up to 4 bar short term pressure, blockages are forcefully abolished upon relaxation of the pressure pad.

#### Product coverage

- Clearing and re-making of drainage and sewage pipes (toilets, shower, bath, sinks and washbasins etc.)

#### Product key features

- Fast, environmentally friendly operation without chemicals
- Easy and safe handling due to pressure safety device
- Sturdy plastic housing
- Universal use through attachments in various sizes and shapes

Art.-No. 1500000006 EAN 4004625367339



#### Delivery

- 1x Compressed air tube cleaner
- 1x Toilet seat attachment (Ø: 20 cm)
- 1x Shower tray drain cover attachment (Ø: 11.3 cm)
- 2x Sink and basin flow attachments (Ø: 6.0 cm/5.0 cm)



## RoPump

### Suction pressure cleaner

Suction pressure hand pump with ball joint and suction cup | Optimally sealed with triple sealing lip

#### Product coverage

- Removal of blockages in the siphon and drain region (wash basins, sinks, urinals, showers and baths, etc.)

#### Product key features

- Easy to use
- Environment-friendly without chemicals
- Sturdy plastic housing
- Easy to clean

Art.-No. 71991 EAN 4004625719916



## RoPü

### Suction cup to dissolve blockages in the bathroom and kitchen

Maxi: Total length approximately 40 cm | Ø Bell approximately 15 cm

Midi: Total length approximately 32 cm | Ø Bell approximately 13 cm

Mini: Total length approximately 16 cm | Ø Bell approximately 12 cm

#### Product coverage

- Removal of blockages in siphon and drain pipes

#### Product key features

- Fits most toilets and other drains in the bathroom and kitchen (sink, washing up sink, urinals, showers and baths, etc.)

#### RoPü Maxi

Art.-No. 71920 EAN 4004625719206



#### RoPü Midi

Art.-No. 1500001739 EAN 4004625400678



#### RoPü Mini

Art.-No. 1500001444 EAN 4004625396421





## Power cleaner

### The drain cleaner spray frees stubborn blockages in seconds

With gas pressure clogging by hair, grease, soap residues and other residues can be solved immediately.

#### Product coverage

- Cleaning, clearing and re-making of siphon and drain pipes (wash basins, sinks, toilets, showers and bathtubs)

#### Product key features

- Multiple application through 200 ml print cartridge
- Safe Handling
- Without addition of caustic substances
- Reduction of unpleasant odours by fresh lemon scent

#### Contents: 200 ml

Art.-No. 70631 EAN 4004625706312



## Power Cleaner Set

### The drain cleaner spray with rubber adapter frees stubborn blockages in seconds

With gas pressure clogging by hair, grease, soap residues and other residues can be solved immediately.

#### Product coverage

- Cleaning, clearing and re-making of siphon and drain pipes (wash basins, sinks, toilets, showers and bathtubs)

#### Product key features

- Multiple application through 200 ml print cartridge
- Safe Handling
- Universally due to rubber adapter
- Without addition of caustic substances
- Reduction of unpleasant odours by fresh lemon scent

#### Contents: 200 ml

Art.-No. 70630 EAN 4004625706305



#### Delivery

- 1x Power Cleaner Drain Spray
- 1x Rubber adapter



## Radiator air vent

### For optimum venting of radiators

5 mm square | heat-resistant

#### Product key features

- Quick and clean thanks collecting receptacle

Art.-No. 1500001265 EAN 4004625392911



**Heating** For rapid heating, for example at construction sites, tents or outdoors, as well as a heat source at outdoor events during the cold season, we have specialised in a mobile, gas-powered heaters range with the appropriate accessories.

Our gas heaters can be operated with standard propane cylinders. The mobile heaters are provided for use with commercially available gas cartridges.

The heaters are characterised by simple and safe handling, they are compact, easy to transport and reliable in use. The optimised design of these devices is aligned with minimum gas consumption.

Our heaters are certified and they comply with currently prescribed standards and guidelines.





### Eco gas heater

Tower heating units for propane gas bottles

Performance: min. 2.70 kW / max. 4.20 kW | Consumption: 0.2–0.37 kg/h | Suitable for propane gas bottles 5 kg and 11 kg

#### Product coverage

- For the heating of premises in weatherproof outdoor areas (tents, stalls and well-ventilated room)

#### Product key features

- Safety ignition
- Robust metal housing with protective grille
- Infinitely adjustable
- Secure connection by forced mounting on standard household gas cylinders
- Thermal fuse

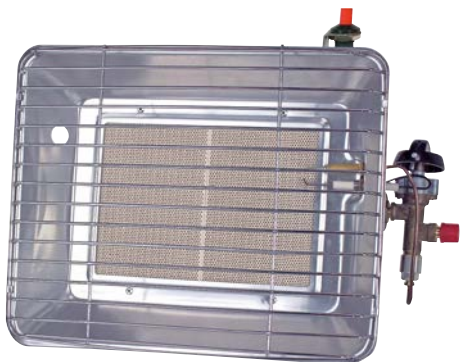
**Performance: 2.7–4.2 kW**

Art.-No. 35984 EAN 4004625359846



#### Delivery

- 1x Gas heater
- 1x Mounting
- 1x Propane hose – 0.4 m (both sides G 1/4" L)
- 1x Propane constant regulator – 50 mbar



### Eco piezo gas heater

Tower heating units for propane gas bottles

Performance: min. 2.70 kW / max. 4.2 kW | Consumption: 0.2–0.37 kg/h | Modell with piezo ignition | Suitable for propane gas bottles 5 kg and 11 kg

#### Product coverage

- For the heating of premises in weatherproof outdoor areas (tents, stalls and well-ventilated room)

#### Product key features

- Safety ignition
- Robust metal housing with protective grille
- Infinitely adjustable
- Secure connection by forced mounting on standard household gas cylinders
- Thermal fuse
- Piezo ignition

**Performance: 2.7–4.2 kW**

Art.-No. 35985 EAN 4004625359853



#### Delivery

- 1x Gas heater
- 1x Mounting
- 1x Propane hose – 0.4 m (both sides G 1/4" L)
- 1x Propane constant regulator – 50 mbar

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## RoTurbo 12000

### Heat gun with Piezo ignition

Gas category – Gas type: I3B/P – Propane / Butane, I3P – Propane | Rated capacity: I3B/P: 13.3 kW, I3P: 11.9 kW | Gas consumption: 970 g/h | Operating pressure: 300 mbar | Mains voltage: 230 V~/50 Hz | Power Consumption: 39 W | Flame temperature: 930°C | Air emissions: 500 m<sup>3</sup>/h | Air temperature class: 32 K | Protection type: IPX4 | Motor: IP44 | Protection class: I

### Product coverage

- For the heating of premises in weatherproof outdoor areas (tents, stalls and well-ventilated room)

### Product key features

- Thermal fuse against overheating
- Double-walled housing made of stainless steel
- Standardised protection grid
- Big strong handle
- Safety ignition
- Constant pressure regulator with hose rupture protection
- Piezo ignition

### Performance: 13.3 kW

Art.-No. 1500000050 EAN 4004625368848



### Delivery

- 1x Gas heater
- 1x Propane hose – 1.0 m (both sides G 1/4" L)
- 1x Propane constant regulator – 300 mbar



## RoTurbo 19000

### Heat gun with Piezo ignition

Gas category – Gas type: I3B/P – Propane / Butane, I3P – Propane | Rated capacity: I3B/P: 18.2 kW, I3P: 16.0 kW | Gas consumption 1325 g/h | Operating pressure: 300 mbar | Mains voltage: 230 V~/50 Hz | Power Consumption: 39 W | Flame temperature: 980°C | Air emissions: 500 m<sup>3</sup>/h | Air temperature class: 48 K | Protection type: IPX4 | Motor: IP44 | Protection class: I

### Product coverage

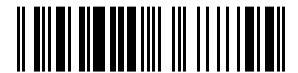
- For the heating of premises in weatherproof outdoor areas (tents, stalls and well-ventilated room)

### Product key features

- Thermal fuse against overheating
- Double-walled housing made of stainless steel
- Standardised protection grid
- Big strong handle
- Safety ignition
- Constant pressure regulator with hose rupture protection
- Piezo ignition

### Performance: 18.2 kW

Art.-No. 1500000051 EAN 4004625368855



### Delivery

- 1x Gas heater
- 1x Propane hose – 1.0 m (both sides G 1/4" L)
- 1x Propane constant regulator – 300 mbar



## RoTurbo 35000

### Heat gun with Piezo ignition

Gas category – Gas type: I3B/P – Propane / Butane, I3P – Propane | Rated capacity: I3B/P: 34.0 kW, I3P: 29.0 kW | Gas consumption: 2460 g/h | Operating pressure: 1500 mbar | Mains voltage: 230 V~/50 Hz | Power Consumption: 65 W | Flame temperature: 1000°C | Air emissions: 800 m<sup>3</sup>/h | Air temperature class: 53 K | Protection type: IPX4 | Motor: IP44 | Protection class: I

### Product coverage

- For the heating of premises in weatherproof outdoor areas (tents, stalls and well-ventilated room)

### Product key features

- Thermal fuse against overheating
- Double-walled housing made of stainless steel
- Standardised protection grid
- Big strong handle
- Safety ignition
- Constant pressure regulator with hose rupture protection
- Piezo ignition

### Performance: 34.0 kW

Art.-No. 1500000363 EAN 4004625377062



### Delivery

- 1x Gas heater
- 1x Propane hose – 1.5 m (both sides G 3/8" L)
- 1x Propane constant regulator – 1500 mbar



## RoTurbo 35000 SA

### Infinitely adjustable heat gun with Piezo ignition

Gas category – Gas type: I3B/P – Propane / Butane, I3P – Propane | Rated capacity: I3B/P: 19.0–34.0 kW, I3P: 17.0–29.0 kW | Gas consumption: 1375–2460 g/h | Operating pressure: 1500 mbar | Mains voltage: 230 V~/50 Hz | Power Consumption: 65 W | Flame temperature: 1000°C | Air emissions: 800 m<sup>3</sup>/h | Air temperature class: 53 K | Protection type: IPX4 | Motor: IP44 | Protection class: I

### Product coverage

- For the heating of premises in weatherproof outdoor areas (tents, stalls and well-ventilated room)

### Product key features

- Thermal fuse against overheating
- Double-walled housing made of stainless steel
- Standardised protection grid
- Big strong handle
- Safety ignition
- Constant pressure regulator with hose rupture protection
- Piezo ignition
- Infinitely adjustable

### Performance: 34.0 kW | adjustable

Art.-No. 1500000364 EAN 4004625377079



### Delivery

- 1x Gas heater
- 1x Propane hose – 1.5 m (both sides G 3/8" L)
- 1x Propane constant regulator (1500 mbar) with hose rupture protection



## RoTemp M 300

### Portable gas heaters for all outdoor activities

For use with multi-gas 300, Multigas Jumbo and Topgas cartridges | Compact design with sturdy base with universal cartridge tray | Infinitely adjustable | High calorific value by heater with reflector

#### Product coverage

- For camping and other outdoor activities (hunting, fishing, nature observers etc.)

#### Product key features

- Economical combustion
- Mobile use
- Alignment of the water jet due to housing with reflector

#### Performance: 1800 W

Art.-No. 1500001066 EAN 4004625390696



## RoTemp M 1000

### Portable gas heater with catalyze technology and piezo ignition for all outdoor activities

For use with Multigas 300 Multigas Jumbo cartridge | Compact design with sturdy base and handle

#### Product coverage

- For camping and other outdoor activities (hunting, fishing, nature observers etc.)

#### Product key features

- Piezo ignition
- No open flame due to catalyze technology
- Quiet and economical combustion
- Mobile use
- Wind resistant

#### Performance: 1000 W

Art.-No. 1500000981 EAN 4004625389119



## RoTemp M 2000

### Portable gas heater with piezo ignition for all outdoor activities

For use with Multigas 300 | Compact, stable design and carrying handle | With cartridge compartment

#### Product coverage

- For camping and other outdoor activities (hunting, fishing, nature observers etc.)

#### Product key features

- Piezo ignition
- Low noise combustion
- Mobile use
- Wind resistant
- Stall protection
- Flame sensor / oxygen sensor
- Ceramic heating surface for high performance
- Handle and wall mounting
- Protection grid

#### Performance: 2000 W

Art.-No. 1500001067 EAN 4004625390702





**Low pressure hose line**

Pressure: 1 MPa (10 bar) | Ø 5 mm | Connection: 2x G 1/4" L |  
 Certified according to EN 16436-1

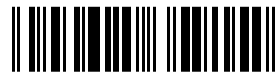
**Length: 0.4 m**

Art.-No. 035914E EAN 4004625359143



**Length: 0.8 m**

Art.-No. 035915E EAN 4004625359150



**Length: 1.5 m**

Art.-No. 035916E EAN 4004625359167



**Length: 3.0 m**

Art.-No. 035917E EAN 4004625359174



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**Measure, test & inspect** The new product family focuses on specific devices that are used to measure or determine various physical quantities and allow visual inspection of difficult to access objects.

The applications are very versatile. They range from distance measurements, temperature measurements, moisture detector measurements to optical video examination.

All units are of interest to both craftsmen and for the handyman. They are certified, reliable and extremely accurate as a result.





### Building and wood moisture meter

For fast and accurate moisture measurement of wood materials and building materials

Wood humidity measuring range: 6–44 %  $\pm$  1 % | Recommended ambient temperature: 0°C to +40°C

#### Product coverage

- Measuring the residual moisture content of wood-based materials (eg timber.)
- Measuring the residual moisture content of building materials (eg masonry, concrete or screed.)

#### Product key features

- Results immediately read on the display
- LED for low-light locations
- Easy to use
- Protective cover for probe

Art.-No. 1500000797 EAN 4004625385579



#### Delivery

- 1x Building and wood moisture meter
- 4x AAA batteries

## Distance measuring devices



### RO laser meter

Distance meter for the determination of lengths, areas, volumes and distances  
Integrated Pythagoras additional measurement function for other geometric calculations (for example, diagonals or the height of a facade)

#### Product coverage

- Calculation of surfaces
- Calculation of volumes
- Calculation of distances
- More geometric calculations using the indirect Pythagoras additional measurement function
- Squaring of buildings

#### Product key features

- Ease of use
- Measurement accuracy:  $\pm$  1.5 mm ( $\pm$  0.06 in)
- Minimum unit displayed: 1 mm
- Several units: Meter (m), Inch (in), Feet (ft.), Inch + Feet (" , ')

#### Coverage: 35 m

Art.-No. 1500000597 EAN 4004625382639



#### Delivery

- 1x Distance meter
- 2x LR03 / AAA – 1.5 V
- 1x Mini screwdriver
- 1x Nylon pouch
- 1x Hand Strap

#### Coverage: 50 m

Art.-No. 1500000598 EAN 4004625382653



#### Delivery

- 1x Distance meter
- 2x LR03 / AAA – 1.5 V
- 1x Mini screwdriver
- 1x Nylon pouch
- 1x Hand Strap



### Endoscope camera TF 2809

For the exploration of inaccessible places

2.4"-LCD-Screen 480 x 234 Pixel (Colour) | Ø Camera head approximately 10 mm | Gooseneck length: Approximately 0.90 m | Video format: PAL

#### Product coverage

- Visual inspection of hard to reach places
- Inspection work in the automotive, building trade, industrial equipment, household (example: Chimneys or ventilation pipes)

#### Product key features

- Video output for further image transmission
- Flexible, waterproof gooseneck
- Camera head (waterproof) with LED lighting (dimnable)

**Includes 2.4 LCD – Gooseneck ca. 0.90 m**

Art.-No. 69107 EAN 4004625691076



#### Delivery

- 1x Endoscope camera
- 1x Double hook attachment
- 1x Hook attachment
- 1x Magnetic attachment
- 1x Mirror attachments
- 1x Video cable
- 4x AA batteries



### Endoscope camera TF 3006X

For the exploration of inaccessible places

2.4"-LCD-Screen 480 x 234 Pixel (Colour) | Ø Camera head approximately 10 mm | Gooseneck length: approximately 1.80 m | Video format: PAL

#### Product coverage

- Visual inspection of hard to reach places
- Inspection work in the automotive, building trade, industrial equipment, household (example: Chimneys or ventilation pipes)

#### Product key features

- Video output for further image transmission
- Flexible, waterproof gooseneck
- Camera head (waterproof) with LED lighting (dimnable)

**Includes 2,4" LCD – Gooseneck ca. 1.80 m**

Art.-No. 1500000059 EAN 4004625368923



#### Delivery

- 1x Endoscope camera
- 1x Waterproof, flexible gooseneck with about 1.80 m in length
- 1x Double hook attachment
- 1x Hook attachment
- 1x Magnetic attachment
- 1x Mirror attachments
- 4x AA batteries
- 1x Plastic case
- 1x USB cable
- 1x Video Connection Cable



## Endoscope camera TF 3006SX

### For the exploration of inaccessible places

2.4"-LCD-Screen 480 x 234 Pixel (Colour) | Ø Camera head approximately 10 mm | Gooseneck length: approximately 1.80 m | Video format: NTSC / PAL | SD-Card-Slot: microSD max. 32 GB | Video and photo resolution: 720 x 480 (in colour)

#### Product coverage

- Visual inspection of hard to reach places
- Inspection work in the automotive, building trade, industrial equipment, household (example: Chimneys or ventilation pipes)

#### Product key features

- Video output for further image transmission
- Flexible, waterproof gooseneck
- Camera head (waterproof) with LED lighting (dimnable)

### Includes 2,4" LCD – Gooseneck ca. 1.80 m

Art.-No. 1500000060 EAN 4004625368930



#### Delivery

- 1x Endoscope camera
- 1x Waterproof, flexible gooseneck with about 1.80 m in length
- 1x Double hook attachment
- 1x Hook attachment
- 1x Magnetic attachment
- 1x Mirror attachments
- 4x AA batteries
- 1x Plastic case
- 1x USB cable
- 1x Video Connection Cable



## Endoscope camera TF3006 BMX

### For the exploration of inaccessible places

3,5"-LCD-Screen 320 x 240 Pixel (in colour) | Ø Camera head ca. 10 mm | Gooseneck length: ca. 1.80 m | Video format: NTSC / PAL | SD-Card-Slot: microSD max. 32 GB | Video and photo resolution: 640 x 480 (in colour)

#### Product coverage

- Visual inspection of hard to reach places
- Inspection work in the automotive, building trade, industrial equipment, household (example: Chimneys or ventilation pipes)

#### Product key features

- Video output for further image transmission
- Flexible, waterproof gooseneck
- Camera head (waterproof) with LED lighting (dimnable)

### Includes 3.5" LCD – Gooseneck ca. 1.80 m

Art.-No. 1500001391 EAN 4004625396179



#### Delivery

- 1x Endoscope camera
- 1x Waterproof, flexible gooseneck with about 1.80 m in length
- 1x Double hook attachment
- 1x Hook attachment
- 1x Magnetic attachment
- 1x Mirror attachments
- 4x AA batteries
- 1x Plastic case
- 1x USB cable
- 1x Video Connection Cable





## RO Detector

### Digital detection device

Maximum detection depth: Ferrous metals → 80 mm | Nonferrous metals: 60 mm | Live cables: 50 mm | Wood: 20 mm

### Product coverage

- Locations of ferrous and nonferrous metals
- Locations of conductive lines
- Locations of wooden structures

### Product key features

- Minimises the risk of drilling through water or power lines or armouring irons
- Accurate, reliable and easy to use

Art.-No. 1500001135 EAN 4004625390955



### Delivery

- 1x Locating device
- 1x Storage bag
- 1x 9 V block battery



## Digital multi meter

### Simple measurements of various electrical quantities

Ideal for electronics hobbyists and crafters

### Product coverage

- Measurement of direct and alternating current voltages
- Measurement of current intensities
- Measurement of resistors

### Product key features

- Automatic measuring range detection
- Contactless AC current sensor
- LED work light

### Includes LED working light

Art.-No. 1500000806 EAN 4004625385654



### Delivery

- 1x Digital Multimeter including LED work light
- 2x AAA batteries

## Temperature measuring devices



## Economy infrared thermometer

### Digital temperature measuring device

Accuracy  $\pm 2^{\circ}\text{C}$  or 2 %

### Product coverage

- Non-contact measurement of surface temperature in most organic materials
- Measurement of painted and oxidised surfaces

### Measuring range: $-30^{\circ}\text{C}$ up to $+380^{\circ}\text{C}$

Art.-No. 1500000804 EAN 4004625385630



### Delivery

- 1x Economy digital infra red thermometer
- 1x Storage bag
- 1x 9 V Block battery



## Professional infrared thermometer

Digital temperature measuring device

Measuring accuracy  $\pm 2^{\circ}\text{C}$

### Product coverage

- Non-contact measurement of surface temperature in most organic materials
- Measurement of painted and oxidised surfaces

### Product key features

- Audible alarm in cases of temperature over- and temperature undershoot
- Temperature limits freely adjustable

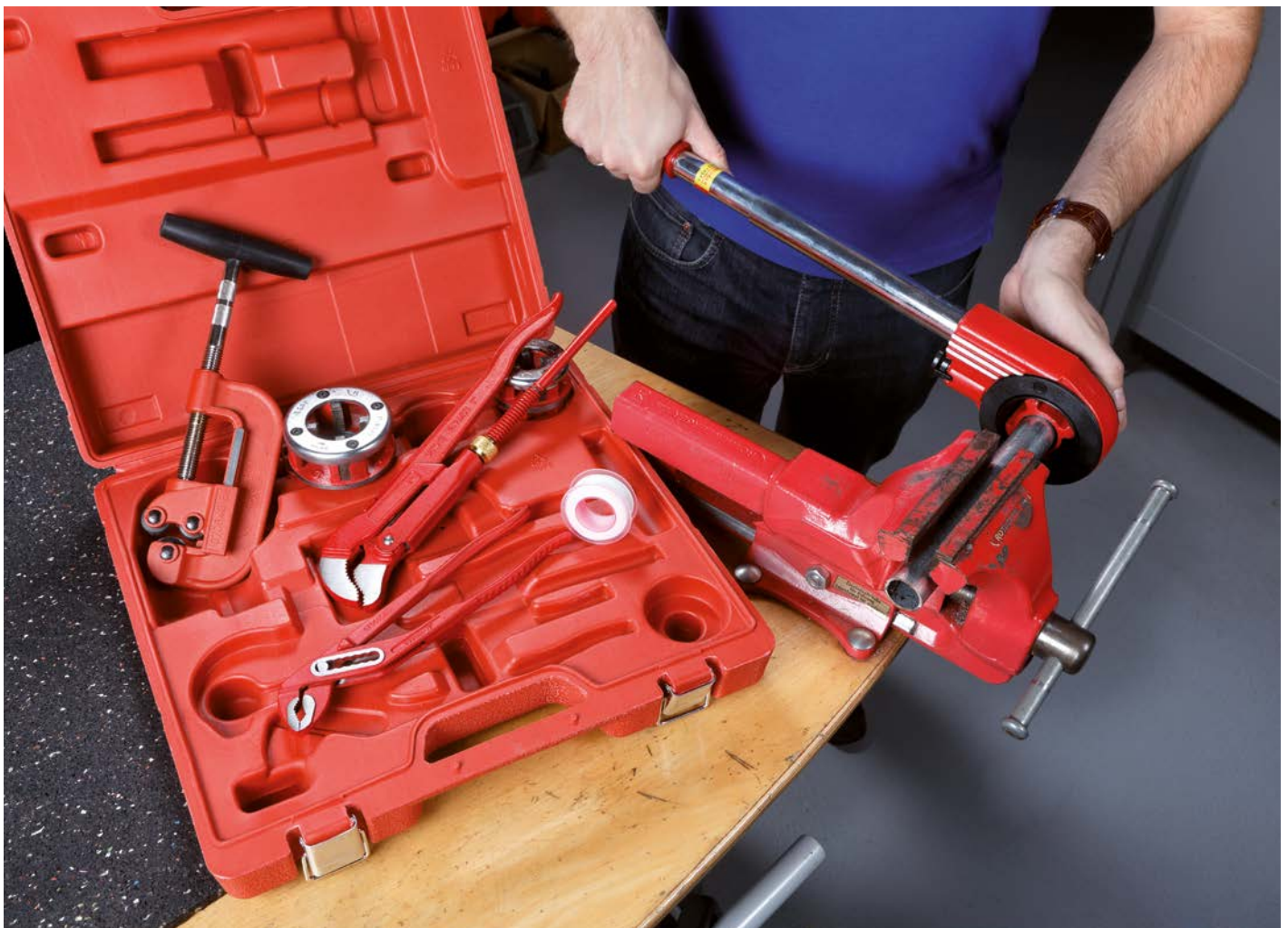
Measuring range:  $-50^{\circ}\text{C}-800^{\circ}\text{C}$

Art.-No. 1500000805 EAN 4004625385647



### Delivery

- 1x Professional infra red thermometer
- 1x Storage bag
- 1x 9 V Block battery



## Shears



### Shape cutting shears

Handy, small and agile

Cutting performance: up to 1.8 mm | Stainless steel sheet: up to 1.2 mm

**Product coverage**

- Cutting of sheets

**Product key features**

- Angled cutting head ensures safe distance from the cut
- Serrated hardened blades for clean, burr-free cuts
- With leverage for optimum power transmission

**Left hand cutting**

Art.-No. 36161 EAN 4004625361610



### Shape cutting shears

Handy, small and agile

Cutting performance: up to 1.8 mm | Stainless steel sheet: up to 1.2 mm

**Product coverage**

- Cutting of sheets

**Product key features**

- Angled cutting head ensures safe distance from the cut
- Serrated hardened blades for clean, burr-free cuts
- With leverage for optimum power transmission

**Right hand cutting**

Art.-No. 36162 EAN 4004625361627



### Ideal shears

Handy, small and agile

Cutting performance: up to 1.8 mm | Stainless steel sheet: up to 1.2 mm

**Product coverage**

- Cutting of sheets

**Product key features**

- Angled cutting head ensures safe distance from the interface
- Hardened blades with micro-toothing for clean, burr-free cuts
- With leverage for optimum power transmission

**Right and straight cutting**

Art.-No. 36163 EAN 4004625361634





### Combination pliers

The professional tool with high cutting performance and strong clamping force  
Maximum leverage by staggered joint axis

#### Product key features

- With 2-component handle protection

**6" – Length: ca. 16 cm**

Art.-No. 36121 EAN 4004625361214



**7" – Length: ca. 18 cm**

Art.-No. 36122 EAN 4004625361221



**8" – Length: ca. 20 cm**

Art.-No. 36123 EAN 4004625361238



### Telephone pliers

The professional tool with high cutting performance and strong clamping force  
Maximum leverage by staggered joint axis | Flat-oval tapered jaw with cutting edges for hard and soft wire

#### Product key features

- With 2-component handle protection

**6" – Length: ca. 16 cm**

Art.-No. 36131 EAN 4004625361313



**8" – Length: ca. 20 cm**

Art.-No. 36132 EAN 4004625361320



### Side cutter

The professional tool with high cutting performance and strong clamping force  
Maximum leverage by staggered joint axis | For hard and soft wire

#### Product key features

- With 2-component handle protection

**6" – Length: ca. 16 cm**

Art.-No. 36141 EAN 4004625361412







### Wire strippers

The professional tool with high cutting performance and strong clamping force  
Maximum leverage by staggered joint axis | For hard and soft wire

**Product key features**

- With 2-component handle protection

**6" – Length: ca. 16 cm**

Art.-No. 36142 EAN 4004625361429



### End cutting pliers

The professional tool with high cutting performance and strong clamping force  
Maximum leverage by staggered joint axis | Cutting edges induction hardened | CrV-steel

**Product key features**

- Plastic-coated handles

**7" – Length: ca. 18 cm**

Art.-No. 36143 EAN 4004625361436



### Rabitz pliers

The professional tool with high cutting performance and strong clamping force  
Maximum leverage by staggered joint axis | Cutting edges induction hardened | CrV-steel | Long sides for maximum leverage

**Product key features**

- Plastic-coated handles

**10" – Length: ca. 25 cm**

Art.-No. 36151 EAN 4004625361511





## Rigid foam hand cutter

Fast and easy cutting of rigid foam panels

Power Consumption: 190 W | Nominal voltage: 230 V~/50 Hz | Heating time: approximately 15 s | Max. Temperature: approximately 315°C | Protection class: IPX0

### Product coverage

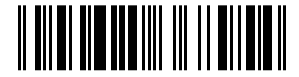
- Accurate and time-saving cutting of polystyrene foam

### Product key features

- Fully electronically controlled
- Fast heating time
- Temperature continuously adjustable
- Continuous incision without stopping

### Performance: 190 W

Art.-No. 1500000062 EAN 4004625368954



### Delivery

- 1x Sturdy plastic case
- 1x Cutter – 10 cm
- 1x Cleaning brush
- 1x Tray stand
- 1x VDE cable – about 3 m

### Optional accessories

#### Cutting knife – 10 cm

Art.-No. 1500000063 EAN 4004625368961



#### Cutting knife – 15 cm

Art.-No. 1500000064 EAN 4004625368978



#### Cutting knife – 20 cm

Art.-No. 1500000065 EAN 4004625368985



#### Flat cutting knife – 30 cm

Art.-No. 1500000066 EAN 4004625368992



#### Cutting table – 15 cm

Art.-No. 1500000067 EAN 4004625369005



#### Groove cutting adapter for pipes

Art.-No. 1500000068 EAN 4004625369012



#### Cutting knife for pipes up to Ø 20 mm

Art.-No. 1500000069 EAN 4004625369029



#### Cutting knife for pipes up to Ø 27 mm

Art.-No. 1500000070 EAN 4004625369036



#### Cutting knife for pipes up to Ø 34 mm

Art.-No. 1500000071 EAN 4004625369043



#### Cutting knife holder N. 22

Art.-No. 1500000072 EAN 4004625369050





## POS

All ROTHENBERGER Industrial individual stocked products are sold in closed transparent packaging. The colour design promotes the attention of customers, the shaped insert contains the product instructions and the transparent packaging support advises on the purchasing decision and helps to promote customer satisfaction.

High quality packaging means that sale walls remain better looking and easy to maintain over a long period of time. The standard size of the packaging makes it very easy to achieve and maintain a wide range of products and replacement of parts.

Making the most of the sales walls with our dealers is the basis of our software-based product line presentation. Distributors and customers benefit from a single, demand-oriented range structure as a supporting element for the consultation and the purchase decision of the customer. With our software-based module design we are shortly going to be able to respond to all the needs of our distributors and to actively support them with an optimised display of ROTHENBERGER Industrial products on sale walls.

Optimally designed, flashy sales displays in colour made from environmentally friendly materials support the supplementary and promotional business of our dealers. The displays can be used universally and can be equipped as needed for multiple applications in the market. Provided with explanatory pictograms, the high quality top signs convey the buying behaviour and have a positive effect on the buying of the products.





Sales wall **Soldering | Welding | Protective gas**



Sales wall **Sanitary**



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030957E . . . . .	55	045267E . . . . .	25			35604 . . . . .	20
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030961E . . . . .	56	045271, 045271E . . . . .	20	30801 . . . . .	19	35606 . . . . .	20
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35951	11	530208	45	854195	71	1500000806	92
35952	11	530209	40	854196	71	1500000891	63
35953	11	530210	40	85800	77	1500000924	49
35954	11	530211	40			1500000930	56
35957	13	530212	40	<b>1000</b>		1500000981	86
35959	11	530213	42	1000000189	57	1500001066	86
35960	12	530214	42	1000000242	22	1500001067	86
35984	83	530215	47	1000000557	57	1500001135	92
35985	83	530216	47	1000000981	17	1500001265	81
36010	73	530217	44	1000000982	17	1500001391	91
36011	73	530218	44	1000000984	49	1500001392	62
36012	73	530219	43	1000000985	17	1500001444	80
36015	34	530220	40	1000001250	57	1500001450	63
36051	36	530221	40			1500001451	63
36052	37	530222	41	<b>1500</b>		1500001739	80
36060	14	530223	41	1500000006	80	1500002183	63
36062	37	530224	41	1500000023	64	1500002184	35
36063	37	530226	40	1500000041	12	1500002185	35
36099	73	530227	41	1500000045	49	1500002186	36
36121	95	530230	41	1500000050	84	1500002187	34
36122	95	530231	41	1500000051	84	1500002189	36
36123	95	530232	41	1500000059	90	1500002197	75
36131	95	530233	41	1500000060	91		
36132	95	530234	41	1500000062	97		
36141	95	540251E	59	1500000063	97		
36142	96	540255E	59	1500000064	97		
36143	96	55099	73	1500000065	97		
36151	96	561351E	42	1500000066	97		
36161	94	561352E	42	1500000067	97		
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		71991	80	1500000364	85		
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### **Social Responsibility**

We feel an obligation not only to corporate responsibility, but also to the well-being of people and the environment. To this, we devote resources, initiative, commitment and, last but not least, money.

### **Environmental Commitment**

At Rothenberger, environmentally responsible business is a given. Therefore the company holds to the strictest environmental standards and is committed to responsible use of resources and energy.

### **Accepting Social Responsibility**

Corporate social responsibility is more than just a nice phrase for us – it's a binding promise. Rothenberger accepts its social responsibility and regularly supports many projects and events for the common good. All German apprentices and trainees undergo, as part of their educational program, a social responsibility week involving care for the elderly, the sick or the disabled. The goal is to convey more to young people than just instructional material and knowledge. It is a conscious contribution to developing social competency among young employees.

### **TOOLS FOR LIFE Foundation**

In 2008, Dr. Helmut Rothenberger founded the Tools for Life Foundation, which is committed to the sustainable common good of our society. The goal of Tools for Life is to help people on site, around the world, by establishing and improving drinking water and energy supplies. This is because potable water and a functional energy supply are still not common in many parts of the world. In the spirit of helping people to help themselves, Tools for Life inspires people to take their future into their own hands. Rothenberger is a committed partner, supporting the foundation with products and employee expertise to provide valuable assistance. Furthermore, Tools for Life collaborates with renowned international aid organizations.

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