The light version of our welding and cutting torch is suitable for all welding applications up to 14 mm material thickness and cutting up to 60 mm material thickness. The equipment is available as complete sets or as individual parts and, with the wide range of accessories, adapts to practically all requirements. The equipment is light in weight, easy to handle and of an attractive nickel-plated design.

Light handle (275 g) in forged brass, nickel plated, with a red moulded handle and fixed hose connectors, 5 or 6 mm. This handle accommodates all welding, cutting and heating heads listed below (spigot diameter 14 mm)  

Art. 3901

The handle is also available with screwed hose connections, 5 or 6 mm  

Art. 3902

Welding head no 1  0.5 – 1 mm  
Welding head no 2  1 – 2 mm  
Welding head no 3  2 – 4 mm  
Welding head no 4  4 – 6 mm  
Welding head no 5  6 – 9 mm  
Welding head no 6  9 – 14 mm  

The heads for the light handle are also available for the following fuel gases: propane, hydrogen and natural gas. Please ask for our special brochure.

Light welding torch complete with 6 interchangeable welding heads (including Art. 3901, Art. 3911 – 3916)  

Art. 3900

Additionally available for very thin material:  
Welding head no 00  0.1 – 0.2 mm  
Welding head no 0  0.2 – 0.5 mm  

The welding heads are also available in the GLOOROVIT version, made as a single piece with a forged tip (instead of welding tip and mounting piece assembly). Welding ranges and Art. nos are the same as above, please order by adding «G» (Art. 3911-G – 3916-G).

Light cutting attachment with lockable oxygen lever  
Rolier guide  
Circle cutting attachment with adjustable point for circle cuts from 10 up to 640 mm diameter  
Set of monoblock cutting nozzles, with flat seat, including Art. 4521-A (3 – 20 mm), 4522-A (20 – 40 mm), 4523-A (40 – 60 mm)  
Light cutting torch complete (including Art. 4501-A, 4502, 4503 and 4520-A)
The cutting torch is also available in a propane version with a set of two-piece propane nozzles Art. 4520-P including Art. 4521-P (3 – 20 mm), 4522-P (20 – 40 mm), 4523-P (40 – 60 mm) Art. 4500-P

Possible additions to the light cutting attachment:
Sheet metal cutting nozzle 2 – 5 mm (acetylene only) Art. 4525
Special roller guide for straight, bevel and circle cuts from a diameter of 25 up to 560 mm Art. 4560

The light cutting attachment is also available in a straight version which is especially suitable for cutting holes from a diameter of 20 up to 90 mm.
(Same nozzles as page 4 Art. 4520) Art. 4541
Circle cutting attachment with adjustable point Art. 4542

Complete welding and cutting set in metal box (including Art. 3901, 3911 – 3916, 4500-A, with nozzle cleaners and key) Art. 3945-M
Metal box only Art. 3980

Also available: complete set in metal box to mount on walls or on cylinder trolleys Art. 3945-W
Metal box only Art. 3985

Complete welding and cutting outfit in metal box Art. 7539
consisting of:
Metal box in blue painted sheet steel 69 x 47 x 24 cm, Art. 7532
Oxygen pressure regulator, Art. 5100-O
Acetylene pressure regulator, Art. 5100-A
Oxygen flame arrestor, Art. 1500-O
Acetylene flame arrestor, Art. 1500-A
Complete light welding torch, Art. 3900
Complete light cutting torch, Art. 4500-A
10 m each of welding hose, inner diameter 6 mm, red and blue, Art. 1006
including hose clips, double clips and gas lighter
(On request - also available with Model 42 pressure regulators)

Micro soldering/brazing head for very fine and precise soldering applications, universally adjustable, for oxy-fuel gas (with the exception of acetylene), complete with 3 interchangeable needle-tips Art. 3965
Flexible welding heads of soft copper for welding areas which are difficult to reach (e.g. pipe work), length approx. 230 mm
Flexible welding head 1 – 2 mm Art. 3932
Flexible welding head 2 – 4 mm Art. 3933
Flexible welding head 4 – 6 mm Art. 3934
The front sections of the flexible heads are also available separately:
to Art. 3932 Art. 39402
to Art. 3933 Art. 39403
to Art. 3934 Art. 39404
Heating heads for oxy-acetylene, for preheating, flame straightening etc. for thermal output from 15 000 kJ/h up to 35 000 kJ/h

- Heating head no 2, head diameter 13 mm  Art. 3952-A
- Heating head no 4, head diameter 18 mm  Art. 3954-A
- Heating head no 6, head diameter 22 mm  Art. 3956-A

Heating heads for oxy-propane/natural gas, for preheating, flame straightening etc. for thermal output from 17 000 kJ/h up to 37 000 kJ/h

- Heating head no 2, head diameter 11.5 mm  Art. 3952-P
- Heating head no 4, head diameter 12.5 mm  Art. 3954-P
- Heating head no 6, head diameter 13.5 mm  Art. 3956-P

Brush-flame melting and heating head for fuelgas and oxygen. Very large action area of the flame.

- Brush-flame heating head for acetylene - oxygen  Art. 3976-A
- Brush-flame heating head for propane - oxygen  Art. 3976-P

Welding and cutting torches – standard version

Our standard version covers a welding range up to 30 mm and a cutting range up to 100 mm. The torches guarantee high durability, solid construction and easy handling. The equipment is available as complete sets or as individual parts and, with the additionally available special accessories, covers practically all forms of welding, cutting, soldering and heating.

Standard handle in forged brass, with aluminium grip. This handle accommodates all welding, cutting and heating heads listed below (spigot diameter 16 mm)  Art. 3601

<table>
<thead>
<tr>
<th>Welding head no</th>
<th>Range (mm)</th>
<th>Art. Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.5 – 1</td>
<td>3611</td>
</tr>
<tr>
<td>2</td>
<td>1 – 2</td>
<td>3612</td>
</tr>
<tr>
<td>3</td>
<td>2 – 4</td>
<td>3613</td>
</tr>
<tr>
<td>4</td>
<td>4 – 6</td>
<td>3614</td>
</tr>
<tr>
<td>5</td>
<td>6 – 9</td>
<td>3615</td>
</tr>
<tr>
<td>6</td>
<td>9 – 14</td>
<td>3616</td>
</tr>
<tr>
<td>7</td>
<td>14 – 20</td>
<td>3617</td>
</tr>
<tr>
<td>8</td>
<td>20 – 30</td>
<td>3618</td>
</tr>
</tbody>
</table>

Standard welding torch complete with 8 interchangeable welding heads (including Art. 3601, 3611 – 3618)  Art. 3600

Additionally available for very thin material:

- Welding head no 0  0.2 – 0.5 mm  Art. 3610

The following welding and heating heads guarantee a very high heat output and are especially suitable for the efficient heating of thicker material:

- Welding and heating head no 9  Art. 3619
- Welding and heating head no 10  Art. 3620
- Welding and heating head no 12  Art. 3622

The welding heads are also available in the GLOOROVIT version, made as a single piece with a forged tip (instead of welding tip and mounting piece assembly). Welding ranges and Art. nos are the same as above, please order by adding «G» (Art. 3611-G – 3618-G).
Cutting attachment with lockable oxygen lever   Art. 4401-A
Roller guide       Art. 4402
Circle cutting attachment with adjustable point for circle cuts from 80 up to 800 mm diameter Art. 4403
Set of monoblock cutting nozzles, conical seat, including Art. 4421-A (3 – 20 mm), 4422-A (20 – 50 mm), 4423-A (50 – 100 mm) Art. 4420-A
Standard cutting torch complete (including Art. 4401-A, 4402, 4403 and 4420-A) Art. 4400-A
The cutting torch is also available in a propane version with a set of two-piece propane nozzles Art. 4420-P, including Art. 4421-P (3 – 20 mm), 4422-P (20 – 50 mm), 4423-P (50 – 100 mm) Art. 4400-P
Possible additions to the standard cutting attachment:
Sheet metal cutting nozzle 2 – 5 mm (acetylene only) Art. 4425
Gouging nozzle (acetylene only) Art. 4450
Rivet cutting nozzle (acetylene only) Art. 4451
Special roller guide for straight, bevel and circle cuts from a diameter of 20 up to 600 mm, including circle cutting attachment with regulable point Art. 4460
The standard cutting attachment is also available in a straight version, which is especially suitable for cutting holes from a diameter of 20 up to 100 mm. (Same nozzles as above Art. 4420) Art. 4441
Circle cutting attachment with regulable point Art. 4442
Complete welding and cutting set in metal box (including Art. 3601, 3611 – 3618, 4400-A, with nozzle cleaners and key) Art. 3644-M
Metal box only Art. 3680
Also available: complete set in metal box to mount on walls or on cylinder trolleys Art. 3644-W
Metal box only Art. 3685
The complete welding and cutting sets are also available with a 3-tube cutting attachment - nozzle mix type (cutting range 10 – 100 mm) (see page 9) Art. 3643-M

In metal box to mount on walls or on cylinder trolleys Art. 3643-W

Complete welding and cutting set with pressure regulators (same set as Art. 3644 but with the addition of oxygen pressure regulator Art. 5100-O, acetylene pressure regulator Art. 5100-A, gas lighter and welding goggles) Art. 3650

Metal box only Art. 3690

Complete welding and cutting outfit in metal box Art. 7536

consisting of:

Metal box in blue painted sheet steel 69 x 47 x 24 cm, Art. 7531
Oxygen pressure regulator, Art. 5100-O
Acetylene pressure regulator, Art. 5100-A
Oxygen flame arrestor, Art. 1500-O
Acetylene flame arrestor, Art. 1500-A
Complete standard welding torch, Art. 3600
Complete standard cutting torch, Art. 4400-A
10 m each of welding hose, inner diameter 8 mm, red and blue, Art. 1008
including hose clips, double clips and gas lighter
(On request - also available with Model 42 pressure regulators)

Flexible welding heads of soft copper for welding areas which are difficult to reach (e.g. pipe work), length approx. 230 mm
Flexible welding head 1 – 2 mm Art. 3632
Flexible welding head 2 – 4 mm Art. 3633
Flexible welding head 4 – 6 mm Art. 3634

The front sections of the flexible heads are also available separately:
to Art. 3632 Art. 36402
to Art. 3633 Art. 36403
to Art. 3634 Art. 36404
Heating heads for oxy-acetylene, for preheating, flame straightening etc., for thermal output from 17650 kJ/h up to 141500 kJ/h
Heating head no 4, head diameter 18 mm Art. 3654-A
Heating head no 6, head diameter 22 mm Art. 3656-A
Heating head no 8, head diameter 26 mm Art. 3658-A
Heating head no 10, head diameter 26 mm Art. 3660-A

Heating heads for oxy-propane/natural gas, for preheating, flame straightening etc., for thermal output from 17000 kJ/h up to 163500 kJ/h
Heating head no 4, head Ø 12.5 mm Art. 3654-P
Heating head no 6, head Ø 13.5 mm Art. 3656-P
Heating head no 8, head Ø 15.5 mm Art. 3658-P
Heating head no 10, head Ø 18.5 mm (propane only) Art. 3660-P
Heating head no 12, head Ø 23 mm (propane only) Art. 3662-P
Heating head no 14, head Ø 26 mm (propane only) Art. 3664-P

Heating head for propane-oxygen with pointed flame for concentrated and isolated heating up of workpiece
Heating head for propane-oxygen with pointed flame No 2 Art. 3692
Heating head for propane-oxygen with pointed flame No 3 Art. 3693
Heating head for propane-oxygen with pointed flame No 4 Art. 3694

These high performance nozzle mix type torches are largely safe against flashbacks and can be used with any fuel gas (acetylene, propane, natural gas) - only the nozzles have to be changed. These torches are designed for high performance and long life.

GARANT cutting torch, robust and attractive design with stainless steel tubes, cutting range up to 300 mm.
With lockable oxygen lever, total length including handle 500 mm, 100° head Art. 4701
Roller guide Art. 4702
Circle cutting attachment with adjustable point for circle cuts up to 820 mm diameter. Art. 4403

The GARANT cutting torch is also available in extended versions (600 mm, 700 mm etc.) and on request with 90° or 120° heads.

3-tube cutting attachment, fits handle Art. 3601, cutting range up to 200 mm Art. 4301
Also: with stainless steel tubes, on request Art. 4301-ST
Roller guide Art. 4702
Circle cutting attachment with adjustable point for circle cuts up to 820 mm diameter Art. 4403
Set of GARANT nozzles (10 – 100 mm) Art. 4320-A
Complete 3-tube cutting attachment (including Art. 4301, 4702, 4403 and 4320-A) Art. 4300-A
As above, but with propane cutting nozzles Art. 4300-P

The 3-tube cutting attachment is also available in straight version which is especially suitable for circle cuts from a diameter of 20 up to 100 mm (same nozzles as above Art. 4320) Art. 4341
Circle cutting attachment with adjustable point Art. 4342
Special hole cutting attachment in rotating guide, fits handle Art. 3601. Especially suitable for the cutting of circles/holes from a diameter of 20 up to 100 mm in the construction of tanks and boilers. As the axis of rotation stays the same, the hoses will not twist (same nozzles as above Art. 4320) Art. 4360
GARANT cutting nozzles, nozzle mix type, for acetylene
Cutting range 3 – 10 mm Art. 4711
Cutting range 10 – 25 mm Art. 4712
Cutting range 25 – 50 mm Art. 4713
Cutting range 50 – 100 mm Art. 4714
Cutting range 100 – 150 mm Art. 4715
Cutting range 150 – 200 mm Art. 4716
Cutting range 200 – 300 mm Art. 4717
GARANT high performance cutting nozzles, nozzle mix type, for acetylene, for higher cutting speed
Cutting range 100 – 200 mm Art. 4721
Cutting range 200 – 300 mm Art. 4722
Cutting range 300 – 400 mm Art. 4723
GARANT cutting nozzles, nozzle mix type, for propane, outer nozzle copper, inner nozzle brass
Cutting range 3 – 10 mm Art. 4731
Cutting range 10 – 25 mm Art. 4732
Cutting range 25 – 50 mm Art. 4733
Cutting range 50 – 100 mm Art. 4734
Cutting range 100 – 150 mm Art. 4735
Cutting range 150 – 200 mm Art. 4736
Cutting range 200 – 300 mm Art. 4737
GARANT cutting nozzle for scrap cutting, nozzle mix type, in two-pieces, for propane
Cutting range up to 40 mm Art. 4763
Cutting range up to 100 mm Art. 4764
GARANT sheet metal cutting nozzle, cutting range 2 – 5 mm, acetylene only Art. 4725
GARANT gouging nozzle, groove width 11 mm, groove depth 6.5 – 11 mm, acetylene only Art. 4750
GARANT rivet cutting nozzle, acetylene only Art. 4751
Special roller guide for straight, bevel and circle cuts from a diameter of 20 mm Art. 4760

GARANT cutting nozzles, nozzle mix type, for acetylene
Cutting range 3 – 10 mm Art. 4711
Cutting range 10 – 25 mm Art. 4712
Cutting range 25 – 50 mm Art. 4713
Cutting range 50 – 100 mm Art. 4714
Cutting range 100 – 150 mm Art. 4715
Cutting range 150 – 200 mm Art. 4716
Cutting range 200 – 300 mm Art. 4717
GARANT high performance cutting nozzles, nozzle mix type, for acetylene, for higher cutting speed
Cutting range 100 – 200 mm Art. 4721
Cutting range 200 – 300 mm Art. 4722
Cutting range 300 – 400 mm Art. 4723
GARANT cutting nozzles, nozzle mix type, for propane, outer nozzle copper, inner nozzle brass
Cutting range 3 – 10 mm Art. 4731
Cutting range 10 – 25 mm Art. 4732
Cutting range 25 – 50 mm Art. 4733
Cutting range 50 – 100 mm Art. 4734
Cutting range 100 – 150 mm Art. 4735
Cutting range 150 – 200 mm Art. 4736
Cutting range 200 – 300 mm Art. 4737
GARANT cutting nozzle for scrap cutting, nozzle mix type, in two-pieces, for propane
Cutting range up to 40 mm Art. 4763
Cutting range up to 100 mm Art. 4764
GARANT sheet metal cutting nozzle, cutting range 2 – 5 mm, acetylene only Art. 4725
GARANT gouging nozzle, groove width 11 mm, groove depth 6.5 – 11 mm, acetylene only Art. 4750
GARANT rivet cutting nozzle, acetylene only Art. 4751
Special roller guide for straight, bevel and circle cuts from a diameter of 20 mm Art. 4760

Our pressure regulators are made of forged brass and are of a very robust and solid construction. They guarantee a very stable working pressure without any follow-up adjustment. The following pressure regulators are suitable for all compressed gases and gas mixtures, i.e.:

<table>
<thead>
<tr>
<th>Gas</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxygen</td>
<td>O</td>
</tr>
<tr>
<td>Acetylene</td>
<td>A, AB</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>C</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>N</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>H</td>
</tr>
<tr>
<td>Compressed Air</td>
<td>DL</td>
</tr>
<tr>
<td>Argon</td>
<td>AR</td>
</tr>
<tr>
<td>Helium</td>
<td>HE</td>
</tr>
<tr>
<td>Propane</td>
<td>P</td>
</tr>
</tbody>
</table>

(Other gas variants available on request). For clear identification and to avoid any confusion, the regulator bodies are marked with the colour code of the gas.

Pressure regulator with pressure and contents gauges, integrated safety valve and shut-off valve:
For Oxygen (working pressure 0 – 10 Bar) Art. 5100-0
For Acetylene (working pressure 0 – 1.5 Bar) with screwed connector Art. 5100-A
For Acetylene (working pressure 0 – 1.5 Bar) with bow connector Art. 5100-AB
(Also available for all other gases as mentioned above)

Same regulator as above, but
– with working pressure up to 20 Bar Art. 5160-20
– with working pressure up to 40 Bar Art. 5160-40
– with working pressure up to 60 Bar Art. 5160-60
Pressure gauges only for Model 51, thread 1/4", diameter 63 mm
- Scale range 0 – 315 Bar       Art. 25600
- Scale range 0 – 10 Bar       Art. 25601
- Scale range 0 – 40 Bar       Art. 25602
- Scale range 0 – 2.5 Bar       Art. 25603
- Scale range 0 – 32 l/min       Art. 25616
(further ranges on request)

Rubber protection to pressure gauge
(in red, blue, grey or black )      Art. 5120

Pressure regulator, compact type, with integrated safety valve and shut-off valve:
- For Oxygen (working pressure 0 – 10 Bar)        Art. 4200-O
- For Acetylene (working pressure 0 – 1.5 Bar) with screwed connector     Art. 4200-A
- For Acetylene (working pressure 0 – 1.5 Bar) with bow connector  Art. 4200-AB
(also available for all other gases as mentioned above)

Mini pressure regulator with pressure and contents gauges, including rubber protection on gauges, and safety valve. Thanks to its compact design and small size, this regulator is particularly suitable for small welding kits:
- For Oxygen (working pressure 0 – 8 Bar)        Art. 6700-O
- For Acetylene (working pressure 0 – 1.5 Bar)    Art. 6700-A
(also available for all other gases as mentioned above)

Pressure gauges only for Model 67, thread 1/4", diameter 50 mm
- Scale range 0 – 315 Bar       Art. 25552
- Scale range 0 – 12 Bar       Art. 25557
- Scale range 0 – 40 Bar       Art. 25555
- Scale range 0 – 2.5 Bar       Art. 25560
- Scale range 0 – 22 l/min       Art. 25561

Rubber protection only for pressure gauge
(in red, blue or grey)        Art. 6720

Pressure regulator with flow gauge, i.e. with l/min indication on secondary gauge:
- Scale range 0 – 32 l/min, Model 51       Art. 5140
- Scale range 0 – 22 l/min, Model 67       Art. 6740
Pressure regulator with flowmeter, accuracy of measurement +/- 10%. The flowmeters are calibrated on a preset working pressure of 4 bar, and are available for the following flow rates:
- 0 - 3 l/min
- 0 - 16 l/min
- 0 - 32 l/min

When ordering, please state the gas (argon, compressed air, carbon dioxide, oxygen, nitrogen and mixtures of these gases) and the desired flow rate.

Pressure regulator with fitted flowmeter, integrated safety valve and shut-off valve. Nickel plated, with inlet to the rear

Also available in version with two fitted flowmeters

Pressure regulator with fitted flowmeter, integrated safety valve and shut-off valve, model 51 version

same, but model 42 version

Flowmeter only, with flow rates 0 - 3 l/min, 0 - 16 l/min or 0 - 32 l/min

same, but nickel plated version

Central pressure regulator - single stage, high performance, diaphragm pressure regulator with working pressure and contents gauges, integrated safety valve, performance for Oxygen 170 m³/h, for Acetylene 35 m³/h (also available for all other gases)

Pipeline regulator with pressure gauge, particularly suitable for precision regulation in gas distribution systems:

For working pressure up to 10 Bar

Version with higher flow rate

Version with working pressure up to 20 Bar

Version with flow gauge (l/min indication on gauge)
Low pressure / pipeline regulator with flowmeter, preset pressure at 4 bar, for flow rates 0 - 3 l/min, 0 - 16 l/min or 0 - 32 l/min Art. 5650

When ordering, please state the gas and the desired flow rate.

Pressure regulator with incorporated working pressure gauge, especially compact and robust construction, working pressure 0 – 2 Bar (0 – 4 Bar available on request), for Propane and Oxygen applications Art. 6200

Pressure regulator for Propane, without pressure gauge, handy and robust, working pressure 0 – 4 Bar Art. 6201

Our pressure regulators are available on request in chrome or nickel plated version. In addition we are manufacturing a wide range of pressure regulators for applications outside the welding field (for beverage industry, laboratory, medical applications etc.). Please ask for our special brochure.

Safety devices/quick couplings

Flame arresting devices are used to protect line regulators of central gas supply systems and pressure regulators of single cylinders. In case of a wrong manipulation, they prevent an explosion back pressure into the gas supply system, and therefore greatly contribute to working safety.

The GLOOROTHERM GFN is manufactured in conformity with DIN-Standard and corresponds to the international and european standards (with certificate of BAM, SVS, DVGW, ON). The GLOOROTHERM offers maximum safety at the working place with its three safety components:
1. gas nonreturn valve
2. flame arrestor
3. temperature sensitive cut-off valve

Flashback arrestor GLOOROTHERM GFN type 1500 for the usual applications with single cylinder or manifolds
for oxygen/compressed air Art. 1500-O
for acetylene Art. 1500-A
for propane Art. 1500-P
for hydrogen Art. 1500-H

Flashback arrestor GLOOROTHERM GFN type 1800 for higher performances such as machine oxygen cutting and for low pressures (natural gas)
for oxygen/compressed air Art. 1800-O
for acetylene Art. 1800-A
for propane/natural gas Art. 1800-P
for hydrogen Art. 1800-H

Safety devices for central gas supply systems: see our special brochure.
Threaded hose couplings for extending hoses, complete with hose connectors (for hose 5, 6 or 8 mm)
For oxygen 1/4”R x 3/8”R Art. 3730
For acetylene 3/8”L x 3/8”L Art. 3740

Quick couplings with automatic gas flow cut off, for quick and safe coupling and decoupling under pressure, according to EN 561. For hoses with inner diameter 6 and 8 mm.

- For connecting on to the pressure regulator:
  Oxygen quick coupling 3/8” R, including nipple
  Oxygen nipple only
  Acetylene quick coupling 3/8” L, including nipple
  Acetylene nipple only

- For connecting hoses:
  Oxygen quick coupling including nipple
  Oxygen nipple only
  Acetylene quick coupling including nipple
  Acetylene nipple only

- For connection on the torch handle:
  Oxygen quick coupling including nipple with screwed connector 1/4” R
  Oxygen nipple 1/4” R only
  Acetylene quick coupling including nipple with screwed connector 3/8” L
  Acetylene nipple 3/8” L only

Gas economiser with adjustable pilot flame and safety support. Hanging the torch on the support shuts off the gas supply. The torch is easily re-ignited by touching the pilot flame and is ready for use without readjustment of the gas mixture (particularly suitable for production applications)
Oxy-Acetylene/Hydrogen Art. 5940-A
Oxy-Propane/Natural Gas Art. 5940-P
with angle outlet of hoses, for acetylene Art. 5940-A/W
with angle outlet of hoses, for propane Art. 5940 P/W
stand for gas economiser Art. 5960
wall-mounted swivel arm Art. 5970
Low pressure manifold in forged brass with control valves, for connection after the pressure regulator, incl. hose connectors:
For oxygen Art. 8400-O
For fuelgas Art. 8400-F
(also available for all other gases)

High pressure manifold in brass, for direct connection to the cylinder and for working with two separate pressure regulators:
For oxygen Art. 8500-O
For acetylene Art. 8500-A
(also available for all other gases)

Welding hose, according to ISO 3821, red (acetylene) and blue (oxygen)
Inner diameter 5 mm Art. 1005
Inner diameter 6 mm Art. 1006
Inner diameter 8 mm Art. 1008

Twin hose, according to ISO 3821
Inner diameter 5 mm Art. 1055
Inner diameter 6 mm Art. 1066
Inner diameter 8 mm Art. 1088

Hose support (light metal wall bracket) Art. 5690

Hose clip for Art. 1005 (hose 5 mm) Art. 8305
Hose clip for Art. 1006 (hose 6 mm) Art. 8306
Hose clip for Art. 1008 (hose 8 mm) Art. 8308

Double clip (for keeping hoses together)
For Art. 1005 (hose 5 mm) Art. 8315
For Art. 1006 (hose 6 mm) Art. 8316
For Art. 1008 (hose 8 mm) Art. 8318

Hose splicer for Art. 1005 (hose 5 mm) Art. 8325
Hose splicer for Art. 1006 (hose 6 mm) Art. 8326
Hose splicer for Art. 1008 (hose 8 mm) Art. 8328

Welding mirror, universally adjustable
With handle Art. 8150
With magnet support, flexible Art. 8160
Spare mirror for above Art. 8165

Nozzle cleaners in case:
For light welding and cutting set (Art. 3945) Art. 4486
For standard welding and cutting set (Art. 3644) Art. 4488

Conical nozzle reamers, incl. handle and case, for cleaning cutting nozzles Art. 4483
Complete soldering, welding and cutting outfits/cylinder trolleys

Please find below some standard combinations of complete small welding and cutting outfits and cylinder trolleys. All items are available individually or in any other combination. Please ask for our special leaflets.

- HOBBYFLAM – the practical gas soldering kit, including carrying frame, refillable 2.5 l oxygen cylinder, one-way pressure gas container with propane/butane mixture, pressure regulators, flame arrestors, hoses, torch handle, soldering head no 1, welding goggles and gas lighter. This kit is supplied ready assembled and is particularly suitable as a mobile second outfit.  

Art. 2500-EN

Art. 2500-EN
• HOBBYFLAM-PROFESSIONAL – same as page 16, but instead of a one-way gas container, this kit is equipped with a refillable propane cylinder (1 l/425 g filling capacity)  
Art. 2525-EN

• PROFIFLAM – the light and easy to carry welding outfit, including carrying frame, a 4 l light steel cylinder of both oxygen and acetylene, two mini pressure regulators, two flame arrestors, hoses, torch handle, welding head no 2, welding goggles, gas lighter. Kit ready assembled  
Art. 2400

• Complete portable welding and cutting outfit, including carrying frame with straps and belt, a 4 l light steel cylinder of both oxygen and acetylene, two mini pressure regulators, two flame arrestors, complete light welding and cutting equipment in metal box, hoses, welding goggles and gas lighter  
Art. 2100

• Complete portable welding and cutting outfit, same as Art. 2100, but with two oxygen cylinders and therefore particularly suitable for cutting and as an emergency outfit for civil defence and fire brigades  
Art. 2200

• Complete portable and mobile welding and cutting outfit, same as Art. 2100, but with a four-wheel cylinder trolley and with light steel cylinders, 140 mm diameter  
Art. 2300-A

• Please ask for our special leaflets
Cylinder trolley, for one oxygen and one acetylene cylinder, two-wheeled, solid construction, painted blue:

Light version with solid rubber tyres, diameter 275 mm, minimum width of trolley (500 mm) by placing the cylinders one in front of the other (s. picture). Suitable only for cylinders with a capacity up to approx. 20 l        Art. 7600

Standard version with solid rubber tyres, diameter 300 mm, width of trolley 660 mm        Art. 7601

Heavy version with solid rubber tyres, diameter 400 mm, width of trolley 740 mm        Art. 7602

Heavy version with air filled tyres, diameter 650 mm, width of trolley 800 mm, especially suitable for construction sites Art. 7603

For mounting a propane cylinder (instead of an acetylene cylinder) with larger diameter, special inserts are available for the above cylinder trolleys.

Tool box to mount on cylinder trolley: see p. 5 Art. 3985 and p. 7 Art. 3685.

Cylinder trolley for single cylinder, solid construction, painted blue, with solid rubber tyres, diameter 200 mm       Art. 7607

Welding table with grill (including drawer under grill) and heat resistant bricks, working surface area 60 x 45 cm, height 84 cm Art. 7700

Propane equipment

Propane torch handle with incorporated gas saving lever, for the reduction of gas flow during work intervals. Handy and solid construction, with regulating valve and handle in moulded shockproof material Art. 6001
Propane torch handle, as page 18, but without gas saving lever

Soldering attachment in drop forged brass – support can be tilted backwards – complete with holder for soldering iron (soldering iron not included)

Rotating hose connector, avoids twisting the hose and makes the operation easier

Burner head in brass, head diameter 14 mm, for precise flame, particularly suitable for soldering applications, gas consumption 50 g/h

Burner head in brass, head diameter 19 mm, for precise flame, particularly suitable for soldering applications using soldering iron, gas consumption 100 g/h

Propane soldering torch complete, including handle Art. 6002, soldering attachment Art. 6003 and burner head Art. 6011 Art. 6000

Propane soldering torch complete, including wooden handle with adjustable air valve for setting an especially soft, small flame, rotating hose connector, support for soldering iron (soldering iron not included) and burner head, gas consumption 55 g/h Art. 6090

Soldering iron 300 g, hammer shape Art. 3501

Soldering iron 300 g, pointed Art. 3502

Torch tubes bent 30°, in brass, (to insert between handle and torch head)
- Length 50 mm Art. 6021
- Length 100 mm Art. 6022
- Length 200 mm Art. 6023
- Length 400 mm Art. 6024
- Length 600 mm Art. 6025

Straight torch tubes, in brass, (to insert between handle and torch head)
- Length 100 mm Art. 6027
- Length 200 mm Art. 6028
- Length 300 mm Art. 6029
- Length 600 mm Art. 6029-600

Torch heads in steel, for strong, voluminous flame, connecting thread G 1/4” internal (for various applications including heating, de-icing, asphalt processing, preheating workpieces, etc.):
- Diameter 30 mm, gas consumption 300 g/h Art. 6030
- Diameter 40 mm, gas consumption 700 g/h Art. 6031
- Diameter 50 mm, gas consumption 1150 g/h Art. 6032
- Diameter 60 mm, gas consumption 1750 g/h Art. 6033
- Diameter 70 mm, gas consumption 2400 g/h Art. 6034
Propane Heating Set I - including pressure regulator Art. 6201, torch handle with gas saving lever Art. 6001, torch tube Art. 6023, torch head Art. 6032 and 3 m propane hose, set completely assembled. This heating set is suitable for universal applications including thawing, de-icing, preheating workpieces, drying of floors, etc. Art. 6180

Propane Heating Set II - including pressure regulator Art. 6201, torch handle with gas saving lever Art. 6001, torch tube Art. 6024, torch head Art. 6033 and 4 m propane hose, set completely assembled. (Similar applications to above, but with larger heating requirements) Art. 6181

Gas-Air Torches
(special soft flame for shrinking plastic hoses):
- Diameter 23 mm, gas consumption 120 g/h Art. 6040
- Diameter 30 mm, gas consumption 300 g/h Art. 6041
- Diameter 40 mm, gas consumption 700 g/h Art. 6042

Pressure regulator with incorporated working pressure gauge for Propane, compact and robust construction, working pressure 0 – 2 Bar (0 – 4 Bar available on request), suitable for propane and oxygen applications Art. 6200

Pressure regulator without pressure gauge for propane, solid and compact design, working pressure 0 – 4 bar, Art. 6201

Pressure regulator for propane cylinders with immersion tube (liquid phase), cylinder thread 3/4” left Art. 6201-3/4L

Light steel Propane cylinder, painted red, SVTI tested, including cylinder valve Art. 6320, outlet thread G 3/8” L:
- Small model with stand and carrying hook, filling capacity 425 g, diameter 85 mm, height 300 mm, weight 1350 g Art. 3052
- Larger model with stand and carrying hook, filling capacity 840 g, diameter 100 mm, height 430 mm, weight 1600 g Art. 3053
Cylinder valve in forged brass with incorporated pressure regulator, adjustable up to 3 Bar, outlet thread G 3/8” L  Art. 6320

Decanting tube in brass, for filling small cylinders, inlet thread W 21.8 mm L (fits industrial cylinders), outlet thread G 3/8” L  Art. 6100

Low pressure manifold in brass, for the connection of two burners, with stop cocks, all-round thread 3/8” L, including hose connectors  Art. 8400-F

High pressure manifold for the connection of two pressure regulators on one cylinder, with stop cocks, thread 21.8 x 1/14” L  Art. 8513

Cylinder coupling, for simultaneous connection of two cylinders  Art. 8100-P

Propane hose, orange, according to standard EN 559 - ISO 3821
- Inner diameter 5 mm  Art. 1005-P
- Inner diameter 6 mm  Art. 1006-P
- Inner diameter 8 mm  Art. 1008-P

Propane hose for liquid phase, inner diameter 6 mm  Art. 1006-PF

Industrial cooker for propane, diameter 200 mm, height 250 mm, for melting lead and bitumen products, gas consumption 750 g/h  Art. 6500

Propane cylinder trolley, for 11 kg propane cylinder. Solid rubber tyres, diameter 200 x 50 mm, width 450 mm, painted blue, with torch support (for liquid or gas phase)  Art. 7605

Please ask for our special leaflets in liquid propane equipment and on propane forges.
This master catalogue gives details on our standard range. If you cannot find what you need, or if you are interested in specialised versions, please do not hesitate to contact us.

Please also ask for our special leaflets on:

- Pressure regulators
- Gas operated equipment for laboratory and workshop use
- Equipment for central gas supply systems
- Portable flame cutting machines
- Flame cutting machines with optical guide control
- Pipe cutting machines
- Acetylene generators
- Acetylene soldering/brazing torch
- Compressed air tools

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