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Welding and cutting torches - light version

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.



Art. 3901

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 leads listed below (spigot diameter 14 mm) Art. 3901

Art. 3909 to Art. 3916



The handle is also available with screwed hose connections, 5 or 6 mm Art. 3902

| | | |
|-------------------|------------|-----------|
| Welding head no 1 | 0,5 – 1 mm | Art. 3911 |
| Welding head no 2 | 1 – 2 mm | Art. 3912 |
| Welding head no 3 | 2 – 4 mm | Art. 3913 |
| Welding head no 4 | 4 – 6 mm | Art. 3914 |
| Welding head no 5 | 6 – 9 mm | Art. 3915 |
| Welding head no 6 | 9 – 14 mm | Art. 3916 |

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.



Art. 4501

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 | Art. 3909 |
| Welding head no 0 | 0,2 – 0,5 mm | Art. 3910 |

Art. 4502



Light cutting attachment with lockable oxygen lever Art. 4501-A

Roller guide Art. 4502

Art. 4520-A



Circle cutting attachment with adjustable point for circle cuts from 10 up to 640 mm diameter Art. 4503

Set of monoblock cutting nozzles, with flat seat, including Art. 4521-A (3 – 20 mm), 4522-A (20 – 40 mm), Art. 4523-A (40 – 60 mm) Art. 4520-A

Art. 4503



Light cutting torch complete (including Art. 4501-A, 4502, 4503 and 4520-A) Art. 4500-A

Art. 4560



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

Art. 4542



Art. 4541



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

Art. 3945-M



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

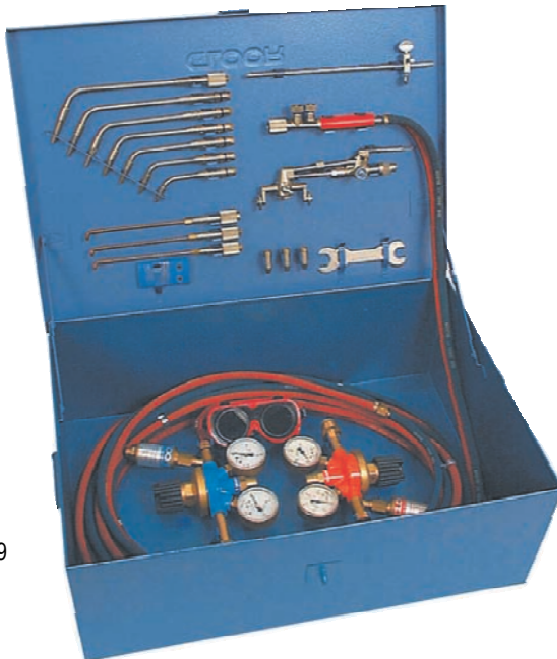
Also available: complete set in metal box to mount on walls or on cylinder trolleys Art. 3945-W
Metal box only Art. 3985

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)

Art. 7539



Micro soldering/brazing head for very fine 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

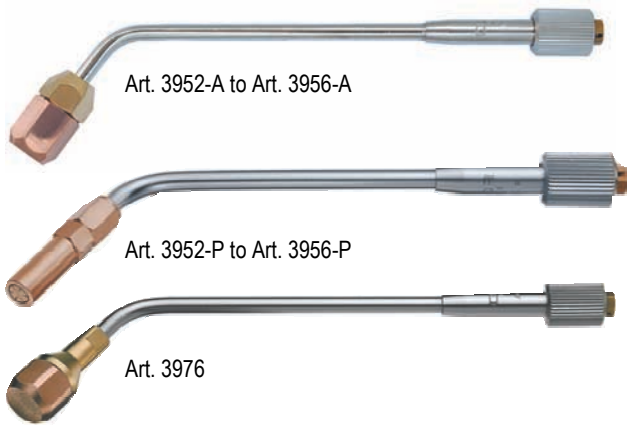
Art. 3965



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

Art. 3932 to
Art. 3934





Art. 3952-A to Art. 3956-A

Art. 3952-P to Art. 3956-P

Art. 3976

Heating heads for oxy-acetylene, for preheating, flame straightening etc. for thermal output from 15000 kJ/h up to 35000 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 17000 kJ/h up to 37000 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.



Art. 3601

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

Art. 3610 to Art. 3618



| | | |
|-------------------|------------|-----------|
| Welding head no 1 | 0,5 – 1 mm | Art. 3611 |
| Welding head no 2 | 1 – 2 mm | Art. 3612 |
| Welding head no 3 | 2 – 4 mm | Art. 3613 |
| Welding head no 4 | 4 – 6 mm | Art. 3614 |
| Welding head no 5 | 6 – 9 mm | Art. 3615 |
| Welding head no 6 | 9 – 14 mm | Art. 3616 |
| Welding head no 7 | 14 – 20 mm | Art. 3617 |
| Welding head no 8 | 20 – 30 mm | Art. 3618 |

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

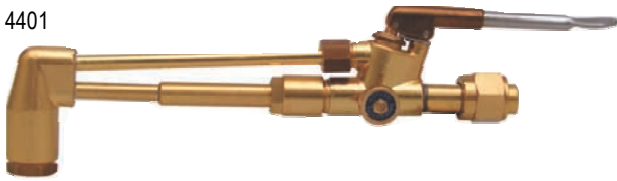
Art. 3619 to Art. 3622



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

Art. 4401



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

Art. 4402



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

Art. 4420-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

Art. 4403



Art. 4425



Art. 4450



Art. 4451



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

Art. 4460



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

Art. 4442



Art. 4441



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

Art. 3644-M



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



Art. 3650

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 7)

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



Art. 7536

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



Art. 3632 to 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



Art. 3654-A to Art. 3660-A



Art. 3654-P to Art. 3664-P



Art. 3692 to Art. 3694

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

3-tube cutting torches and attachments (nozzle mix type)

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.



Art. 4701



Art. 4702



Art. 4403

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.



Art. 4301



Art. 4342

Art. 4341

3-tube cutting attachment, fits handle Art. 3601, cutting range up to 200 mm

- 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
- 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



Art. 4360

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



Art. 4711 to Art. 4717
Art. 4770 to Art. 4779



Art. 4731 to Art. 4737
Art. 4763 to Art. 4764
Art. 4780 to Art. 4789



Art. 4725



Art. 4750



Art. 4751



Art. 4760

| | | | |
|--|-----------|--------------|-----------|
| GARANT cutting nozzles, nozzle mix type, for acetylene. Cutting range: | | | |
| 3 – 10 mm | Art. 4711 | 100 – 150 mm | Art. 4715 |
| 10 – 25 mm | Art. 4712 | 150 – 200 mm | Art. 4716 |
| 25 – 50 mm | Art. 4713 | 200 – 300 mm | Art. 4717 |
| 50 – 100 mm | Art. 4714 | | |

| | | | |
|---|-----------|--------------|-----------|
| GARANT high performance cutting nozzles, nozzle mix type, for acetylene, for higher cutting speed. Cutting range: | | | |
| 0 – 5 mm | Art. 4770 | 40 – 50 mm | Art. 4775 |
| 5 – 10 mm | Art. 4771 | 50 – 100 mm | Art. 4776 |
| 10 – 15 mm | Art. 4772 | 100 – 150 mm | Art. 4777 |
| 15 – 30 mm | Art. 4773 | 150 – 250 mm | Art. 4778 |
| 30 – 40 mm | Art. 4774 | 250 – 300 mm | Art. 4779 |

| | | | |
|---|-----------|--------------|-----------|
| GARANT cutting nozzles, nozzle mix type, for propane, outer nozzle copper, inner nozzle brass. Cutting range: | | | |
| 3 – 10 mm | Art. 4731 | 100 – 150 mm | Art. 4735 |
| 10 – 25 mm | Art. 4732 | 150 – 200 mm | Art. 4736 |
| 25 – 50 mm | Art. 4733 | 200 – 300 mm | Art. 4737 |
| 50 – 100 mm | Art. 4734 | | |

| | | | |
|---|-----------|--------------|-----------|
| GARANT high performance cutting nozzles, nozzle mix type, for propane, for higher cutting speed. Cutting range: | | | |
| 0 – 5 mm | Art. 4780 | 40 – 50 mm | Art. 4785 |
| 5 – 10 mm | Art. 4781 | 50 – 100 mm | Art. 4786 |
| 10 – 15 mm | Art. 4782 | 100 – 150 mm | Art. 4787 |
| 15 – 30 mm | Art. 4783 | 150 – 250 mm | Art. 4788 |
| 30 – 40 mm | Art. 4784 | 250 – 300 mm | Art. 4789 |

| | | |
|--|-------|-----------|
| GARANT cutting nozzle for scrap cutting, nozzle mix type, in two-pieces, for propane | | |
| Cutting range up to | 40mm | Art. 4763 |
| Cutting range up to | 100mm | 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 |

Pressure regulators

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.:

| | |
|----------------|--|
| Oxygene | (abreviation O) |
| Acetylene | (abreviation A, with bow connector AB) |
| Carbon Dioxide | (abreviation C) |
| Nitrogen | (abreviation N) |
| Hydrogen | (abreviation H) |
| Compressed Air | (abreviation DL) |
| Argon | (abreviation AR) |
| Helium | (abreviation HE) |
| Propane | (abreviation P) |

(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-O |
| 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 |



Art. 5100



Art. 25600 to
Art. 25616



Art. 5120

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



Art. 4200

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)

Art. 4200-A

with screwed connector

for Acetylene (working pressure 0 – 1.5 bar)

Art. 4200-AB

with bow connector

(also available for all other gases as mentioned above)



Art. 6700
Art. 6740

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 – 10 bar)

Art. 6700-O

For Acetylene (working pressure 0 – 1.5 bar)

Art. 6700-A

(also available for all other gases as mentioned above)



Art. 25552 to
Art. 25561



Art. 6720

Pressure gauges only for model 67, thread 1/4", diameter 50 mm

Scale range 0 – 315 bar

Art. 25552

Scale range 0 – 16 bar

Art. 25566

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



Art. 5140

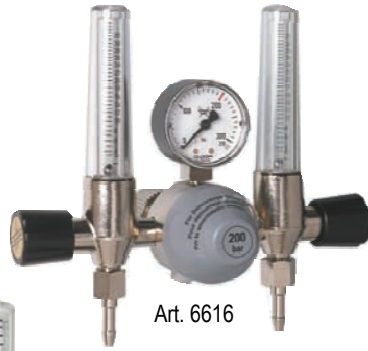
Pressure regulator with flow gauge, i.e. with l/min indication on secondary gauge:

Scale range 0 – 32 l/min, model 51

Art. 5140

Scale range 0 – 22 l/min, model 67

Art. 6740



Art. 6616

Pressure regulator with contents gauge and fitted flowmeter. The flowmeter enables an exact regulation of the rate (accuracy of measurement +/- 10%). The flowmeters are calibrated on a preset working pressure of 4.5 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.

Art. 6614



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

Art. 6614

Also available in version with two fitted flowmeters

Art. 6616



Art. 5150

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

Art. 5150

same, but model 42 version

Art. 4250



Art. 4250

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

Art. 6621

same, but nickel plated version

Art. 6620



Art. 7900

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)

Art. 7900

Pipeline regulator with pressure gauge, particularly suitable for precision regulation in gas distribution systems: For working pressure up to 10 bar

Art. 5600

Version with higher flow rate

Art. 5610

Version with working pressure up to 20 bar

Art. 5620

Version with flow gauge (l/min indication on gauge)

Art. 5640



Art. 5600



Art. 5650

Low pressure / pipeline regulator with flowmeter, preset pressure at 4.5 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.



Art. 6200

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



Art. 6201

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

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.



Art. 1500



Art. 1800

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

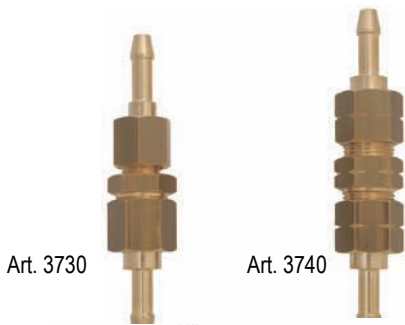
Flashback arrester GLOOROTHERM GFN type 1500 for the usual applications with single cylinder or manifolds

| | |
|---------------------------|-------------|
| for oxygen/compressed air | Art. 1500-O |
| acetylene | Art. 1500-A |
| propane | Art. 1500-P |
| hydrogen | Art. 1500-H |

Flashback arrester 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 |
| acetylene | Art. 1800-A |
| propane/natural gas | Art. 1800-P |
| hydrogen | Art. 1800-H |

Safety devices for central gas supply systems:
see our special brochure.



Art. 3730

Art. 3740

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
 For acetylene 3/8"L x 3/8"L

Art. 3730
 Art. 3740



Art. 8610-O-EN

Art. 8610-A-EN

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

Art. 8610-O-EN
 Art. 8611-O-EN
 Art. 8610-A-EN
 Art. 8611-A-EN



Art. 8620-O-EN

Art. 8620-A-EN

– For connecting hoses:

Oxygen quick coupling including nipple
 Oxygen nipple only
 Acetylene quick coupling including nipple
 Acetylene nipple only

Art. 8620-O-EN
 Art. 8611-O-EN
 Art. 8620-A-EN
 Art. 8611-A-EN



Art. 8630-O-EN

Art. 8630-A-EN

– 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

Art. 8630-O-EN
 Art. 8631-O-EN
 Art. 8630-A-EN
 Art. 8631-A-EN

Accessories



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
 Oxy-Propane/Natural Gas

Art. 5940-A
 Art. 5940-P

with angle outlet of hoses, for acetylene
 with angle outlet of hoses, for propane

Art. 5940-A/W
 Art. 5940-P/W

stand for gas economiser
 wall-mounted swivel arm

Art. 5960
 Art. 5970



Art. 8400



Art. 8500

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)

Art- 1005 to Art. 1005



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

Art. 1055 to Art. 1088



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



Art. 5690

Hose support (light metal wall bracket) Art. 5690

Art. 8305 to Art. 8308



Art. 8315 to Art. 8318



Art. 8325 to Art. 8328



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

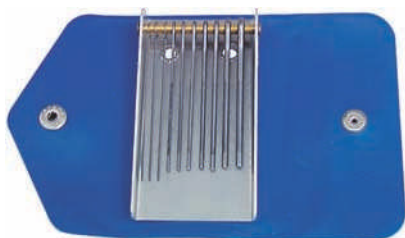


Art. 8150

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



Art. 8160



Art. 4486 and 4488



Art. 4483

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

Conical nozzle reamers, incl. handle and case, for cleaning cutting nozzles Art. 4483

Art. 8200
Art. 8210



Gas lighter (heavy duty)
Gas lighter (light duty)
Spare flints for above (set of 10 pcs)

Art. 8200
Art. 8210
Art. 8201



Art. 8240-G5



Art. 8250



Art. 8260



Art. 8270

Welding goggles (available with green, protection grade G4, G5 and colourless glass):
Welding goggles

Art. 8240-G5

SUVA model (G4, G5, colourless)
Spare glass for Art. 8240 and Art. 8250

Art. 8250
Art. 8275

Welding goggles with ear pieces, universally adjustable (G4, G5, colourless)
Spare glass for above

Art. 8260
Art. 8265

Flip-front goggles (G4, G5)
Spare glass for above

Art. 8270
Art. 8275



Art. 4251

Spanner key in steel SW 30 x 32, for connecting pressure regulators

Art. 4251

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.



Art. 2500-EN

- 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. 2525-EN

- HOBBYFLAM-PROFESSIONAL – same as page 14 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



Art. 2400-X

- PROFIFLAM – the light and easy to carry welding outfit, including carrying frame, for mounting a light steel cylinder of both oxygen and acetylene with diameter 100mm, two mini pressure regulators, two flame arrestors, hoses, torch handle, welding head no 2, welding goggles, gas lighter. Kit ready assembled without cylinders Art. 2400-X



Art. 2100-X

- Complete portable welding and cutting outfit, including carrying frame with straps and belt for mounting a light steel cylinder of both oxygen and acetylene with diameter 100mm, two mini pressure regulators, two flame arrestors, complete light welding and cutting equipment in metal box, hoses, welding goggles and gas lighter. Kit ready assembled without cylinders Art. 2100-X



Art. 2300-AX

- Complete portable and mobile welding and cutting outfit, same as Art. 2100, but with a four-wheel cylinder trolley and for light steel cylinders with 140 mm diameter. Kit ready assembled without cylinders Art. 2300-AX

- Please ask for our special leaflets



Art. 7600



Art. 7601

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



Art. 7602



Art. 7603

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

Art. 7602

Heavy version with airfilled 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 insert is available for the cylinder trolleys Art. 7603. Art. 7685
Tool box to mount on cylinder trolley:
see p. 3 Art. 3985 and p. 5 Art. 3685.



Art. 7607



Art. 7700

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



Art. 6001

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



Art. 6002

Propane torch handle, as page 16, but without gas saving lever Art. 6002



Art. 6004

Soldering attachment in drop forged brass – support can be tilted backwards – complete with holder for soldering iron (soldering iron not included) Art. 6003



Art. 6003

Rotating hose connector, avoids twisting the hose and makes the operation easier Art. 6004



Art. 6010

Burner head in brass, head diameter 14 mm, for precise flame, particularly suitable for soldering applications, gas consumption 50 g/h Art. 6010



Art. 6011

Burner head in brass, head diameter 19 mm, for precise flame, particularly suitable for soldering applications using soldering iron, gas consumption 100 g/h Art. 6011



Art. 6090

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



Art. 3501

Soldering iron 300 g, hammer shape Art. 3501



Art. 3502

Soldering iron 300 g, pointed Art. 3502



Art. 6021 to Art. 6025

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



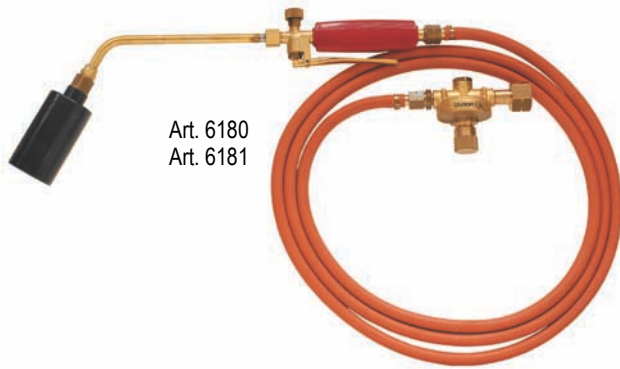
Art. 6027 to Art. 6029

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



Art. 6030 to Art. 6034

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



Art. 6180
Art. 6181

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, deicing, 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



Art. 6040 to Art. 6042

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



Art. 6200

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



Art. 6201

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



Art. 3052-G



Art. 3053-G

Propane cylinder, painted red, including cylinder valve, outlet thread G 3/8" L:

Small model, filling capacity 420 g with stand and carrying hook, diameter 85 mm, stand diameter 140mm, height 360 mm, weight 2.85kgs

Art. 3052-G

Larger model, filling capacity 840 g with stand and carrying hook, diameter 100 mm, height 430 mm, weight 4.35 kgs

Art. 3053-G



Art. 6100

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



Art. 8400-F

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

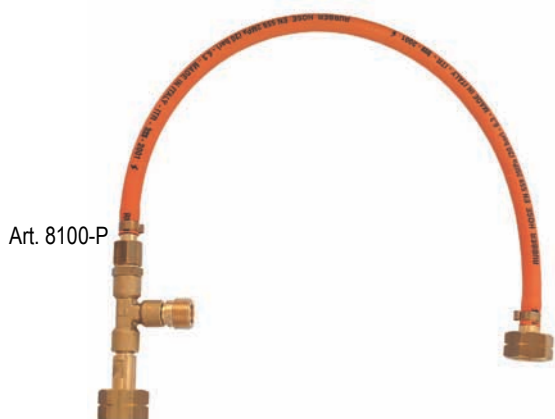
Art. 8400-F



Art. 8513

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



Art. 8100-P

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
Inner diameter 6 mm
Inner diameter 8 mm

Art. 1005-P

Art. 1006-P

Art. 1008-P



Art. 6500

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

Art. 6500



Art. 7605

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 for industrial gases
- Pressure regulators for high purity gases
- Pressure regulators for medical gases
- Gas operated equipment for laboratory and workshop use
- Equipment for central gas supply systems
- Portable flame cutting machines
- Acetylene generators
- Acetylene soldering/brazing torch
- Compressed air tools

Gloor Bros. Ltd.
Kirchbergstrasse 111
P.O. 1180
3400 Burgdorf/Switzerland

Tel. +41 34 427 47 47

Fax +41 34 423 15 46

Internet: www.gloor.ch

e-mail: gloor@gloor.ch

