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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 heads 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. 3911-G to Art. 3916-G

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

Art. 3900

Art. 4501



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



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).

Art. 4520-A



Light cutting attachment with lockable oxygen lever
Roller guide

Art. 4501-A
Art. 4502

Art. 4503



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)

Art. 4503
Art. 4520-A
Art. 4500-A

Art. 4560



Art. 4542



Art. 4541



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

Art. 3945



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

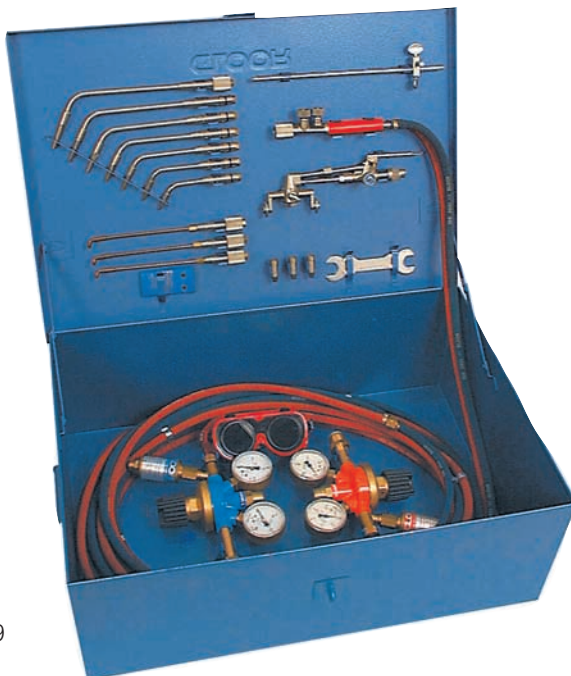
Complete light cutting torch, Art. 4500-A

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 and precise soldering applications, universally adjustable, for oxy-fuel gas (with the exception of acetylene), complete with 3 interchangeable needle-tips

Art. 3965

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. 3932 to Art. 3934



The front sections of the flexible heads are also available separately:

to Art. 3932

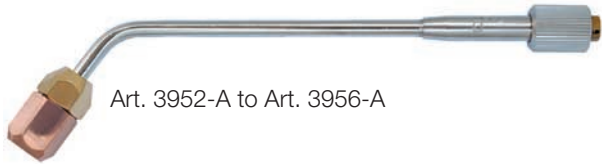
Art. 39402

to Art. 3933

Art. 39403

to Art. 3934

Art. 39404



Art. 3952-A to Art. 3956-A

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
 Heating head no 4, head diameter 18 mm
 Heating head no 6, head diameter 22 mm

Art. 3952-A
 Art. 3954-A
 Art. 3956-A



Art. 3952-P to Art. 3956-P

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
 Heating head no 4, head diameter 12,5 mm
 Heating head no 6, head diameter 13,5 mm

Art. 3952-P
 Art. 3954-P
 Art. 3956-P



Art. 3976

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

Art. 3976-A
 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. 3611-G to Art. 3618-G



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).

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

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

Art. 4402



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



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. 4425

Art. 4450

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

Art. 3680

Also available: complete set in metal box to mount on walls or on cylinder trolleys

Art. 3644-W

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 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

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)

Art. 3632 to Art. 3634



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

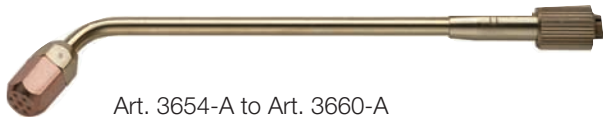
Art. 36402

to Art. 3633

Art. 36403

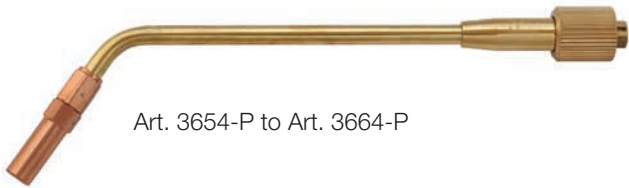
to Art. 3634

Art. 36404



Art. 3654-A to Art. 3660-A

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



Art. 3654-P to Art. 3664-P

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



Art. 3692 to 3694

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)

Art. 4701



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. 4702



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

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



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

Art. 4342



Art. 4341



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



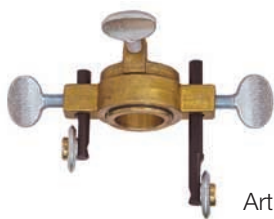
Art. 4731 to
Art. 4737
Art. 4763 to
Art. 4764



Art. 4725

Art. 4750

Art. 4751



Art. 4760

Pressure regulators

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.:

Oxygen	(abbreviation O)
Acetylene	(abbreviation A, with bow connector AB)
Carbon Dioxide	(abbreviation C)
Nitrogen	(abbreviation N)
Hydrogen	(abbreviation H)
Compressed Air	(abbreviation DL)
Argon	(abbreviation AR)
Helium	(abbreviation HE)
Propane	(abbreviation 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)

Art. 5100



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. 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)
 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)

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 – 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)

Art. 25500 to
Art. 25506



Art. 6720



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

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

Art. 6614

Art. 5150

Art. 4250

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 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

Art. 6614

Also available in version with two fitted flowmeters

Art. 6616

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

Art. 5150

same, but model 42 version

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

Art. 5600

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. 5650

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



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



Art. 6201

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

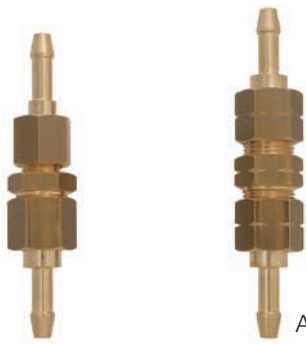


Art. 1500



Art. 1800

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 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:



Art. 8610-O-EN

Art. 8610-A-EN

Oxygen quick coupling 3/8" R, including nipple Art. 8610-O-EN
 Oxygen nipple only Art. 8611-O-EN
 Acetylene quick coupling 3/8" L, including nipple Art. 8610-A-EN
 Acetylene nipple only Art. 8611-A-EN

– For connecting hoses:



Art. 8620-O-EN

Art. 8620-A-EN

Oxygen quick coupling including nipple Art. 8620-O-EN
 Oxygen nipple only Art. 8611-O-EN
 Acetylene quick coupling including nipple Art. 8620-A-EN
 Acetylene nipple only Art. 8611-A-EN

– For connection on the torch handle:



Art. 8630-O-EN

Art. 8630-A-EN

Oxygen quick coupling including nipple with screwed connector 1/4" R Art. 8630-O-EN
 Oxygen nipple 1/4" R only Art. 8631-O-EN
 Acetylene quick coupling including nipple with screwed connector 3/8" L Art. 8630-A-EN
 Acetylene nipple 3/8" L only Art. 8631-A-EN

Accessories



Art. 5940-W

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



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. 1008



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

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

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



Art. 4483

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 G3, G4, G5, G7 and colourless glass):

Welding goggles

SUVA Model

Spare glass for Art. 8240 and Art. 8250

Welding goggles with ear pieces, universally adjustable

Spare glass for above

Flip-front goggles

Spare glass for above

Art. 8240-G5

Art. 8250

Art. 8255

Art. 8260

Art. 8265

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. 2400



Art. 2525



Art. 2100



Art. 2300-A

- 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



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

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.



Art. 7602



Art. 7603



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 18, 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



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

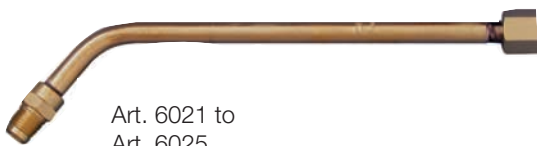
Art. 3501



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, de-icing, preheating workpieces, drying of floors, etc. Art. 6180



Art. 6040 to
Art. 6042

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



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

Art. 3053

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



Art. 6320

Cylinder valve in forged brass with incorporated pressure regulator, adjustable up to 3 Bar, outlet thread G 3/8" L Art. 6320



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



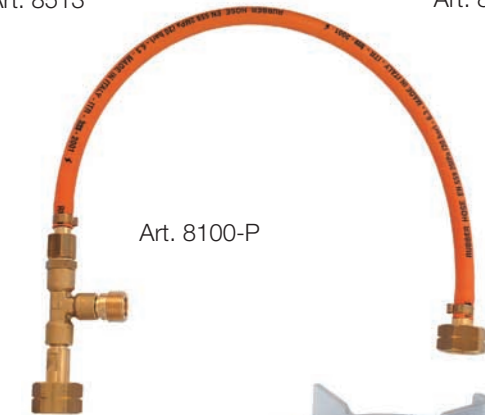
Art. 8513



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

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 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



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
- 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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