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SIEVERT®

Heating tools for professionals



Product Catalogue



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Selection guide

for LP gas heating tools

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The System code

Shows which products that fit together.



Promatic



Pro 86/88



Pro 95



Plastic Welding



Metaljet



Powerjet



Turbojet

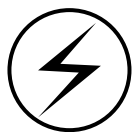


Easyjet



The Product code

Shows the features and benefits of the product.



Piezo ignition



Trigger on/off



Bayonet fitting



Anti-flare



Cyclone flame



Precise flame adjustment valve



Light-weight



360° swivel burner



Swivel hose nipple



Precise main flame adjustment valve



Precise pilot flame adjustment valve



Trigger for shifting between pilot and main flame



Precise main flame adjustment valve



Anti-flare

The Application code

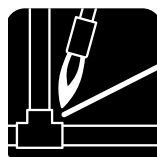
Shows the applications for the product.



Precision



Soldering



Brazing



Heating



Shrinking



Waterproofing/
Welding



Paint stripping



Sheet metal



Cyclone flames. The rotating flames wrap around the pipes giving an even heat distribution. Ideal for brazing, soft soldering, plumbing etc.



Pin-point flames. Fine pointed flames with a distinct core. Ideal for fine work on gold, silver, lead etc.



Standard flames. Strong, powerful flames for general soldering and heating.



Power flames. Large powerful, windproof flames for efficient outdoor use. Ideal for roofing, road-working and large scale heating.



Hot-air flames. Powerful windproof hot-air streams. Ideal for paint stripping, heat shrinking, heating of PVC, roofing etc.



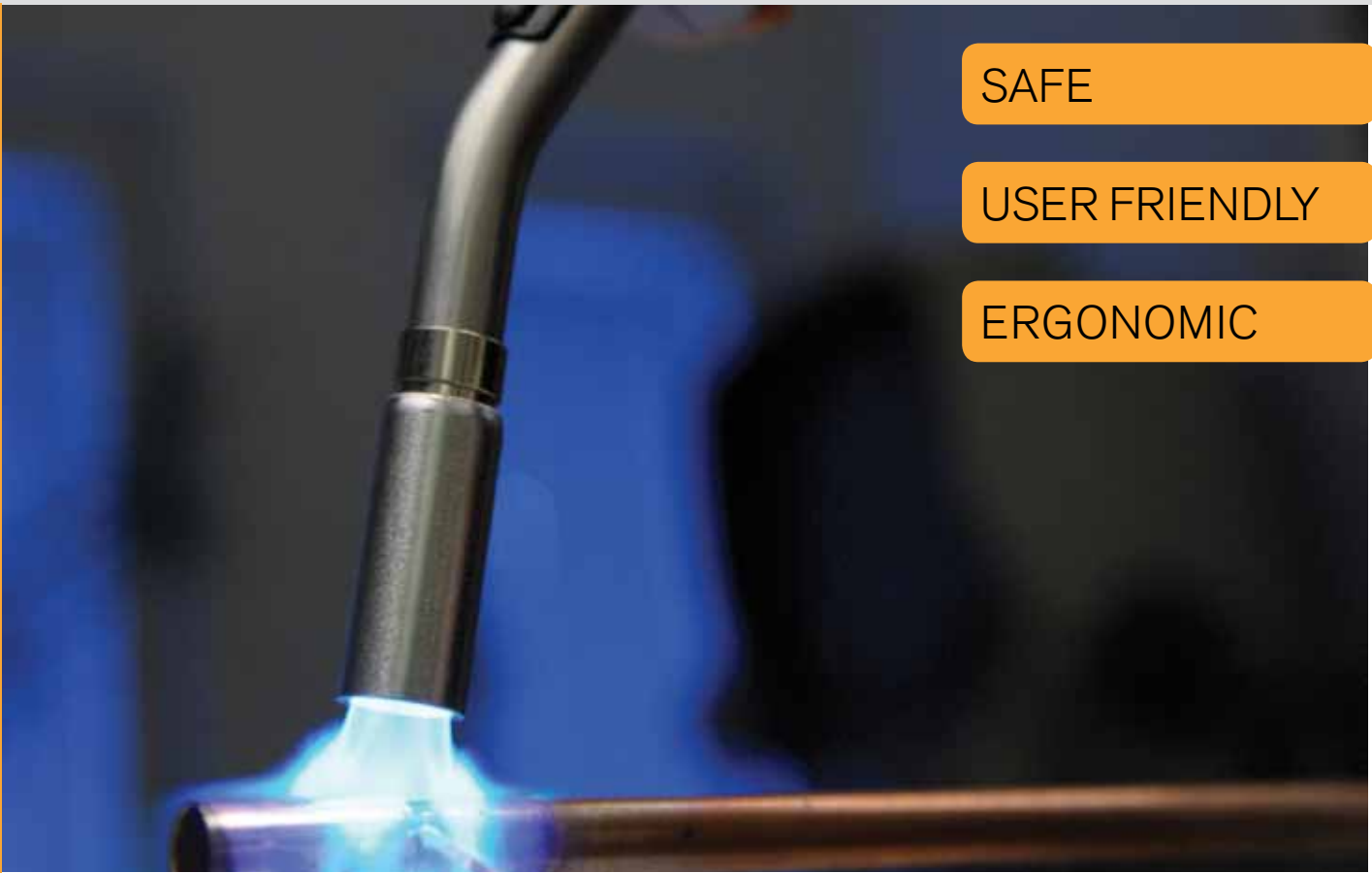
Soft flames. Sweeping, powerful flames with visible yellow tip. Ideal for cable work and heat shrinking.



Flat flames. Powerful and windproof wide flame. Ideal for paint stripping, ski waxing etc.

Promatic

The universal torch system



SAFE

USER FRIENDLY

ERGONOMIC

Promatic is the most complete and advanced system in our range. The patented piezoelectric ignition, universal handle, range of accessories, advanced design and ergonomic appearance make Promatic a world-beating system for all possible heating tasks where efficiency and professional workmanship are the most important requirements.

Promatic - Sievert's top of the line torch system operates with propane and butane gases.



System



Precision



Soldering



Brazing



Heating



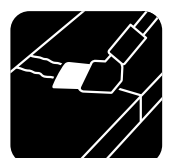
Shrinking



Waterproofing/
Welding



Paint stripping



Sheet metal

- Plastic composite handle reinforced with 30% glass fibres for maximum durability
- Double moulded soft grip for highest comfort and usability
- Piezo igniton with instant trigger on/off function
- Bayonet fitting for burners
- Swivelling hose connection to avoid hose drag
- Combined suspension hook and footstand
- Valve for precise flame setting
- Delivered without hose nipple



Technical data	
Working pressure, bar	1,5-4
Weight, g	290
Length, mm	180
Height, mm	80

Hose connections	Art no.
BSP 3/8"LH	336611
M 14x1	336628
UNF 9/16"LH	336617

Sievert Promatic handle 3366



Load relieving trigger system with automatic Piezo ignition.

Trigger on/off function



Swivel hose nipple.

Precise flame adjustment valve



No gas emission unless burner fitted. Bayonet fitted burners.

Ergonomic softgrip handle



Soft flame burners for cable shrinking



System



- Soft flame design ideal for cable work and other heat shrinking applications
- Soft flame burners with sweeping, powerful yellow and blue soot-free windproof flames
- Fresh air sucks in and keeps the burner head cold to minimize the risk of burning the shrink material
- To heat the sleeves efficiently but still soft enough not to overheat the shrink material
- Working pressure 2 bar

Soft flame burner no.	334791	334191	334891
Burner diameter Ø, mm	28	38	50
Gas Consumption, g/h at 2 bar	460	900	2 000
Effect, kW	5,9	11,5	26
For thick walled sleeves max, mm Also for thin walled sleeves	50	150	150



Burners for soft soldering, brazing and heating

Pin-point burners



System



- Pin-point burner with the finest flame for precision work such as gold and silver forging
- Silver soldering about 615°C
- Working pressure 2 bar

Pin-point burner no.	333301
Burner diameter Ø, mm	14
Gas Consumption, g/h at 2 bar	55
Effect, kW	0,7
Soft Soldering about 400°C max. pipe diameter Ø, mm	12

Standard burners



System



- Standard burners with brush-type flames for all kinds of soft soldering/small heating applications
- Silver soldering about 615°C
- Working pressure 2 bar

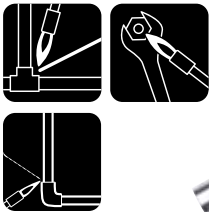
Standard burner no.	334301	334401
Burner diameter Ø, mm	19	25
Gas Consumption, g/h at 2 bar	250	580
Effect, kW	3,2	7,4
Soft Soldering about 400°C max. pipe diameter Ø, mm	32	70

Cyclone burners

System



Promatic

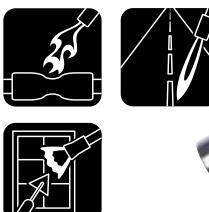


▪ Cyclone flame burners are the most efficient burners for brazing and soft soldering ▪ The rotating flame gives an even and all-round heat transfer to the pipe ▪ Working pressure 2 bar

Cyclone burner no.	334001	333501	333601
Burner diameter Ø, mm	14	19	25
Gas Consumption, g/h at 2 bar	170	250	580
Effect, kW	2,1	3,2	7,4
Soft Soldering about 400°C max. pipe diameter Ø, mm	28	32	70
Brazing up to 720°C max. pipe diameter Ø, mm	15	18	32

Hot-air burners

System



▪ Hot-air burners with powerful windproof hot-air streams for heat shrinking ▪ 3349 ideal for shrinking in confined spaces and fibre optic closures ▪ Working pressure 2 bar

Hot-air burner no.	333401	334990
Burner diameter Ø, mm	38	32x15
Gas Consumption, g/h at 2 bar	125	55
Effect, kW	1,6	0,7

Special burners for PVC and TPO

System



▪ Hot-air burners with powerful windproof hot-air streams for heating PVC or other rubber membranes where an open flame not is suitable ▪ Working pressure 2 bar

Hot-air burner no.	335890
Burner diameter Ø, mm	32x15
Gas Consumption, g/h at 2 bar	55
Effect, kW	0,7

Special burners for electronics

System



▪ Extra small hot-air burner incorporating a heat reflector, ideal for signal systems, traffic lights, alarm systems, marine applications, automobiles and other vehicle repairs ▪ Working pressure 2 bar

Hot-air burner no.	335990
Burner diameter Ø, mm	25
Gas Consumption, g/h at 2 bar	28
Effect, kW	0,36

Power burners for waterproofing and other heat demanding works

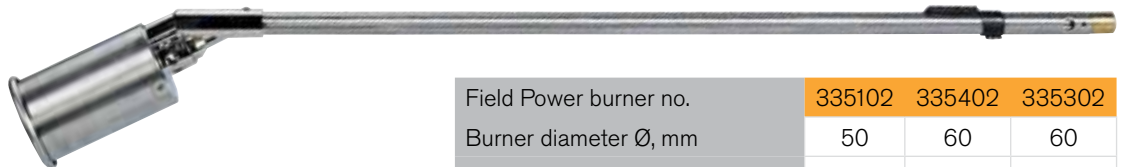
Power burners



System



- High capacity power burners with extremely strong and windproof flames for roofing works and for large-scale heating applications
- Long burners for field torching
- Recommended working pressure 4 bar

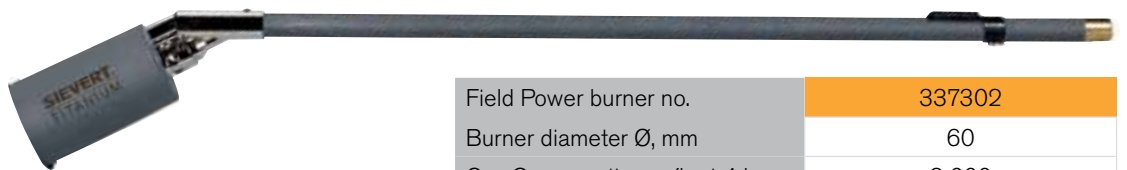


Field Power burner no.	335102	335402	335302
Burner diameter Ø, mm	50	60	60
Gas Consumption, g/h at 4 bar	6 700	8 000	8 000
Effect, kW	86	102	102
Burner length, mm	600	500	600

Power burners, titanium



- High capacity power burners with weight reduced by 60% compared to traditional roofing burners on the market.
- Saves your body

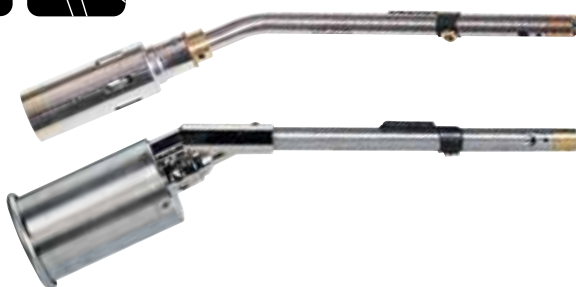


Field Power burner no.	337302
Burner diameter Ø, mm	60
Gas Consumption, g/h at 4 bar	8 000
Effect, kW	102
Burner length, mm	600

Detail power burners



- Short burners for detail work on roofs and other heating applications such as preheating before welding and shrinking on pipelines
- Recommended working pressure 4 bar



Detail Power Burner no.	335002	335602
Burner diameter Ø, mm	40	60
Gas Consumption, g/h at 4 bar	3 350	8 000
Effect, kW	43,5	102
Burner length, mm	250	250



Soldering burners for electronics

Promatic

B



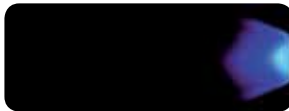
System

B

- Burner with encased and windproof flame for soft soldering.
- Ideal for signal systems, traffic lights, alarm systems, marine applications, automobiles and other vehicle repairs
- Working pressure 2 bar

Soldering burner no.	335991
Soldering tip diameter Ø, mm	10
Gas Consumption, g/h at 2 bar	28
Effect, kW	0,36

Burners for paint stripping



System

B

- Flat flame burner with powerful wide flame for efficient use outdoors for paint stripping and ski-waxing
- Working pressure 2 bar



Flat flame burner no.	334501
Burner diameter, mm	40x8
Gas Consumption, g/h at 2 bar	215
Effect, kW	2,7

Soldering iron burner head



System

B

- Titanium burner head to turn your Promatic handle into a high performance Soldering Iron
- Incorporates an effective windshield that makes the flame totally encased and windproof
- Working pressure 2 bar

Soldering iron no.	700301
Gas Consumption, g/h at 2 bar	140
Effect, kW	1,8
Weight, g	542



Complete Soldering Iron assortment, see page 34



Promatic Accessories

Copper bit



Made of copper with one pointed and one flat end. For pin-point burner 3333.

Copper bit no.	884301
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Flat nozzle



Flame shaper for hot-air burner 3334.

Flat nozzle no.	716941
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Neck tube support



Neck tube support / Footstand for burners with long neck tubes.

Neck tube support no.	717241
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Tool box



Made of sturdy metal-reinforced plywood. With large handle and locking clasp. 720106: Space for up to 5 burners, 4 m hose, handle, regulator and two disposable cartridges.

Tool box no.	720106
Dimensions:	260x160x350 mm

Soldering mat



For wall and floor protection when soldering. Saves heat and time. For temperatures up to 760°C.

Solder mat no.	415061
Dimensions:	25x25 cm

For wall and floor protection when soldering. Saves heat and time. Formable solder mat. For temperatures up to 700°C.

Aluminium Solder mat no.	415062
Dimensions:	33x55cm



Tool bags
For more information,
see page 78



Soldering/ Brazing	Heating	Precision	Shrinking	Waterproofing/ Welding	Sheet metal	Paint stripping
Cyclone burners for soft soldering and brazing	Burners for soft soldering	Pin-point burner	Soft flame burners	Power burners	Soldering Irons	Flat flame burner
334001 Ø14mm	333301 Ø14mm	333301 Ø14mm	334891 Ø28mm	335002 Ø40mm	700301	334501 40x8mm
333501 Ø19mm	334301 Ø19mm		334191 Ø38mm	335602 Ø60mm	700350 350g	
333601 Ø25mm	334401 Ø25mm	Cyclone burner	334791 Ø50mm	335102 Ø50mm	700500 500g	334990 32x15mm
		334001 Ø14mm		335302 Ø60mm	700400 400g	333401 Ø38mm
			Hot-air burners	337302 Ø60mm	700800 800g	
			335990 Ø25mm		700353 Longlife 350g	
			334990 32x15mm	Hot-air burners	700550 Longlife 500g	
			333401 Ø38mm	335890 32x15mm		

Complete your torch kit

Articles you also need for a complete torch system



336611
BSP 3/8"LH
336628
M14X1



Propane hose 5mm 2m, 4m and 10m	Propane hose 5mm 2m, 4m and 10m	Propane hose 5mm 2m, 4m and 10m	Propane hose 5mm 2m, 4m and 10m	Propane hose 5mm 2m, 4m and 10m hose 8mm 5m and 10m	Propane hose 5mm 2m, 4m and 10m	Propane hose 5mm 2m, 4m and 10m
Regulator, fixed, 2bar, HFV	Regulator, fixed, 2bar, HFV	Regulator, fixed, 2bar, HFV	Regulator, fixed, 2bar, HFV	Regulator, 1-4bar, HFV	Regulator, fixed, 2bar, HFV	Regulator, fixed, 2bar, HFV



Hoses

For more information, see page 38



Regulators

For more information, see page 40

Pro 86

The classic torch system

STABLE FLAME

RELIABLE



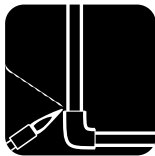
The Pro 86 series meets high criteria for carrying out professional heating tasks. Whether soldering, paint stripping, shrinking or performing gold/silversmith's work, the high quality combined with convenience and a comprehensive range of accessories makes the Pro series a versatile tool for the demanding craftsman.



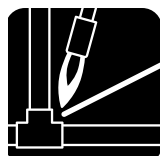
System



Precision



Soldering



Brazing



Heating



Shrinking



Waterproofing/
Welding



Paint stripping



Sheet metal

- Single valved handle mainly for smaller burners
- The spindle and valve are designed to give a very exact and quick flame setting
- The springloaded metal knob gives a precise and stable setting for the finest of flames
- All metal parts made of high quality brass
- Ergonomically designed plastic composite handle
- Double moulded soft grip for highest comfort and useability
- Delivered without hose nipple



Technical data	
Working pressure, bar	1,5-8
Weight, g	245
Length, mm	180
Height, mm	70

Hose connections	Art no.
BSP 3/8"LH	348641
M14x1	348642
UNF 9/16"LH	348647

Sievert Pro 86 handle 3486



Exact flame setting

Works in all weather conditions



Wide range of burners for all applications

Two component handle



Sievert Pro 86 torch kit

- A professional and powerful torch kit, ideal for soft soldering, brazing, melting, metalworks, paintstripping and other heating jobs
- Includes handle 3486, necktube 3511, burner 2941 and 2 m fixed hose
- Available with or with out valve 700001



System



Technical data	
Burner diameter Ø, mm	28
Gas Consumption, g/h at 2 bar	600
Effect, kW	7,7
Soft soldering about 400°C max. pipe diameter Ø, mm	60

Hose connections	Art no.
BSP 3/8"LH Fixed hose	219741
BSP 3/8"LH no valve	219742

Pro 86

Burners and neck tubes

Sievert Pro neck tubes

System



- Neck tubes made of high quality brass
- Shorter neck tubes are recommended for smaller heating applications like gold and silver forging

Neck tube no.	Length, mm
350902 with hook	180
350501	100
351102 with hook	70
350101 only for burner 8842	78

Soft flame burners

System



- Soft flame design ideal for cable work and other heat shrinking applications
- Soft flame burners with sweeping, powerful yellow and blue soot-free windproof flames
- Fresh air sucks in and keeps the burner head cold to minimize the risk of burning the shrink material
- To heat the sleeves efficiently but still soft enough not to overheat the shrink material
- For direct connection to Sievert Pro handles
- Working pressure 2 bar

Soft flame burner no.	352890	352990
Burner diameter Ø, mm	28	38
Gas Consumption, g/h at 2 bar	900	1 200
Effect, kW	11,3	15

Burners for soft soldering and brazing

Pin-point burners

System



- Pin-point burners with the finest flames for precision work such as gold and silver forging
- Silver soldering about 615°C
- For connection to Sievert Pro necktubes, 8842 only for necktube 3501
- Recommended working pressure 2 bar

Pin-point burner no.	884204	393802	393902
Burner diameter Ø, mm	8	17	17
Gas Consumption, g/h at 2 bar	20	20	70
Effect, kW	0,25	0,25	0,9
Soft Soldering about 400°C max. pipe diameter Ø, mm	8	10	12



Standard burners



System



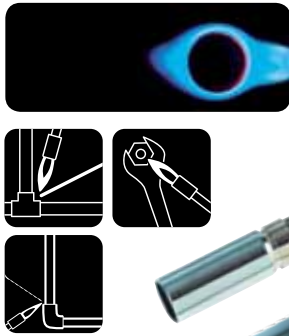
Pro 86



- Standard burners with brush-type flames for all kinds of soft soldering/small heating applications
- Silver soldering about 615°C
- For connection to Sievert Pro necktubes
- Recommended working pressure 2 bar

Standard burner no.	394002	394102	294102
Burner diameter Ø, mm	17	22	28
Gas Consumption, g/h at 2 bar	90	240	600
Effect, kW	1,2	3,1	7,7
Soft Soldering about 400°C max. pipe diameter Ø, mm	12	40	60

Cyclone burners



System



- Cyclone flame burners are the most efficient burners for brazing and soft soldering
- The rotating flame gives an even and all-round heat transfer to the pipe
- For direct connection to Sievert Pro handles
- Working pressure 2 bar

Cyclone burner no.	352403	352503
Burner diameter Ø, mm	19	25
Gas Consumption, g/h at 2 bar	240	800
Effect, kW	3,1	10,3
Soft Soldering about 400°C max. pipe diameter Ø, mm	50	70
Brazing up to 720°C max. pipe diameter Ø, mm	18	32

Special burners

Burners for paint stripping



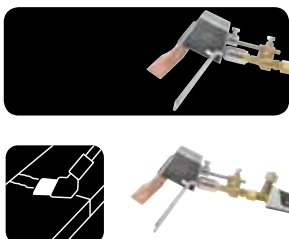
System



- Flat, wide, extremely windproof and powerful flame for paint stripping
- For direct connection to Sievert Pro handles
- Recommended working pressure 2 bar

Flat flame burner no.	351703
Burner diameter, mm	35x5
Gas Consumption, g/h at 2 bar	210
Effect, kW	2,7

Soldering iron burner head



System



- Burner head to turn your Pro 86 handle into a high performance Soldering Iron for sheet metal work
- Windshield and burner designed to give excellent wind protection
- Working pressure 2 bar

Soldering burner no.	295501
Gas Consumption, g/h at 2 bar	260
Effect, kW	3,3
Wind shield no.	708121

Complete Soldering Iron assortment, see page 34

Pro 86

Light Line System



- Value for money burner assortment for Pro 86

Neck tube



- Neck tube to connect light line burner to the Pro 86 handle

Neck tube no.	Length, mm
350101	78

Pin-point burners



- Pin-point burners with the finest flames for precision work such as gold and silver forging
- Silver soldering about 615°C
- Recommended working pressure 2 bar

Pin-point burner no.	884204	872001
Gas consumption g/h at 2 bar	20	60
Max pipe diameter Ø, mm	8	10
Effect in kW	0,25	0,75

Standard burner



- Standard burners with brush-type flames for all kinds of soft soldering/small heating applications
- Silver soldering about 615°C
- Recommended working pressure 2 bar

Standard burner no.	871901
Gas consumption g/h at 2 bar	160
Soft soldering 400°C, Max pipe diameter Ø, mm	22
Brazing up to 720°C, Max pipe diameter Ø, mm	12
Effect in kW	2

Power burner



- Heavy duty light weight power burners with extremely strong and windproof flames to withstand the severest weather conditions
- Ideal for several different heat demanding applications
- Recommended working pressure 2 bar

Standard burner no.	872501
Gas consumption g/h at 2 bar	550
Soft soldering 400°C, Max pipe diameter Ø, mm	40
Brazing up to 720°C, Max pipe diameter Ø, mm	18
Effect in kW	7








Burners for paint stripping



- Flat, wide, extremely windproof and powerful flame for paint stripping
- Recommended working pressure 2 bar

Flat burner no.	872304
Gas consumption g/h at 2 bar	230
Effect in kW	3



Soldering/ Brazing	Heating	Precision	Shrinking	Waterproofing/ Welding	Sheet metal	Paint stripping
 <p>Cyclone burners for soft soldering and brazing</p> <ul style="list-style-type: none"> 352403 Ø19mm 352503 Ø25mm 350101 871901 Ø17mm 872501 Ø25mm 	 <p>Burners for soft soldering</p> <ul style="list-style-type: none"> 351102 350902 393802 Ø17mm 393902 Ø17mm 394002 Ø17mm 394102 Ø22mm 	 <p>Pin-point burner</p> <ul style="list-style-type: none"> 350101 884204 Ø8mm 872001 Ø12mm  <p>Burners for soft soldering</p> <ul style="list-style-type: none"> 351102 393802 Ø17mm 393902 Ø17mm 394002 Ø17mm 	 <p>Soft flame burners</p> <ul style="list-style-type: none"> 352890 Ø28mm 352990 Ø38mm 	 <p>Soldering Irons</p> <ul style="list-style-type: none"> 349241 701633 Longlife 701725 Longlife 701800 256200 701630 707120 702070 	 <p>Flat flame burner</p> <ul style="list-style-type: none"> 351703 35x5mm 350101 884204 	













Complete your torch kit

Articles you also need for a complete torch system



348641
BSP 3/8"LH
348642
M14X1



 <p>Propane hose 5mm 2m, 4m and 10m</p>	 <p>Propane hose 5mm 2m, 4m and 10m</p>	 <p>Propane hose 5mm 2m, 4m and 10m</p>	 <p>Propane hose 5mm 2m, 4m and 10m</p>	 <p>Propane hose 5mm 2m, 4m and 10m</p>	 <p>Propane hose 5mm 2m, 4m and 10m</p>
 <p>Regulator, fixed, 2bar, HFV</p>	 <p>Regulator, fixed, 2bar, HFV</p>	 <p>Regulator, fixed, 2bar, HFV</p>	 <p>Regulator, fixed, 2bar, HFV</p>	 <p>Regulator, fixed, 2bar, HFV</p>	 <p>Regulator, fixed, 2bar, HFV</p>



Hoses

For more information, see page 38



Regulators

For more information, see page 40

Pro 88

Heavy-duty torch system



HEATING POWER

PERFORMANCE

The Pro 88 series is used all over the world by professional roofers and waterproofing specialists. With a complete power burner programme, including Titanium torches, the Pro 88 is the ultimate torch system for heavy-duty works.

The Pro 88 series operates with propane and butane gases.



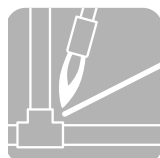
System



Precision



Soldering



Brazing



Heating



Shrinking



Waterproofing/
Welding



Paint stripping



Sheet metal

- Double valved handle mainly for larger burners
- Incorporates one main valve and one economizer valve enabling a gas saving pilot flame
- Trigger for instant shifting between pilot and main flame and for pulsing the main flame
- All metal parts made of high quality brass
- Ergonomically designed plastic composite handle
- Double moulded soft grip for highest comfort and useability
- Delivered without hose nipple



Technical data	
Working pressure, bar	1,5-8
Weight, g	385
Length, mm	205
Height, mm	90

Hose connections	Art no.
BSP 3/8"LH	348841
BSP 3/8"LH <i>preset pilot flame</i>	348875
M14x1	348842
UNF 9/16"LH	348847

Sievert Pro 88 handle 3488



Trigger for shifting between pilot and main flame and for pulsing the main flame



Precise flame adjustment of pilot and main flame

Pilot flame for gas saving

Double valved handle mainly for larger burners

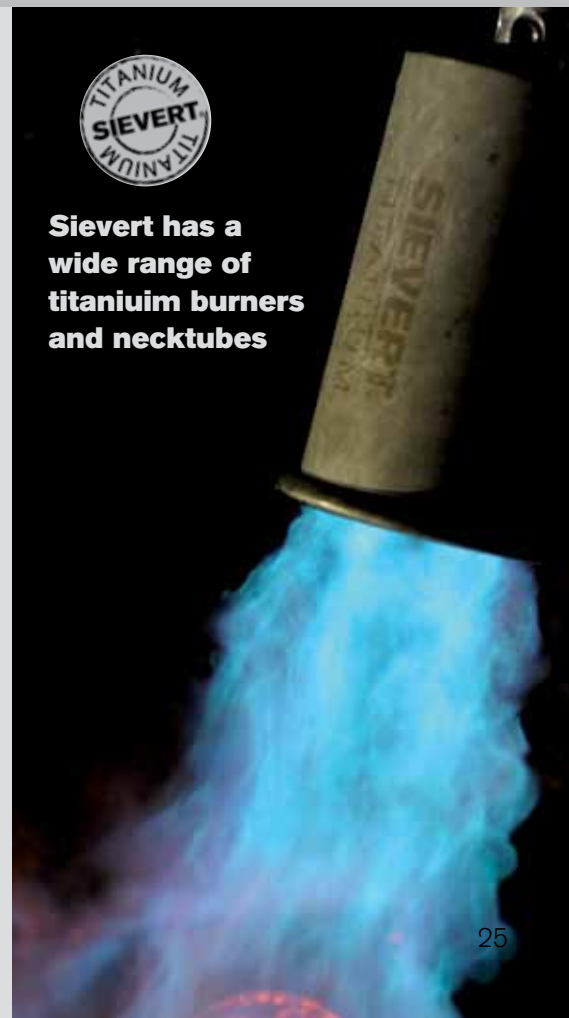


Wide range of burners for power applications

Works in all weather conditions



Sievert has a wide range of titanium burners and necktubes

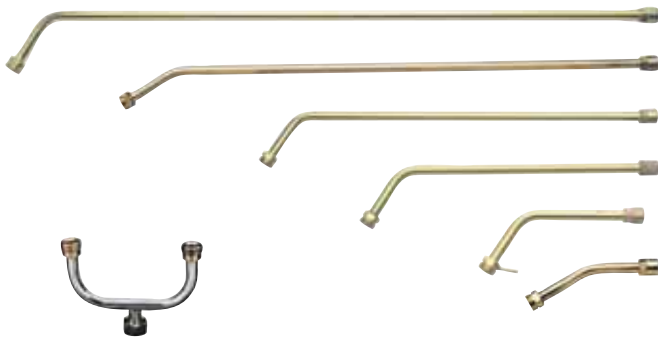


Pro 88

Burners and neck tubes

Sievert Pro neck tubes

System



▪ Wide range of neck tubes made of high quality brass ▪ Double neck tube 770044, made of stainless steel, makes it possible to connect two burners to one neck tube ▪ Shorter neck tubes like 3505 and 3509 are recommended for smaller heating applications like gold and silver forging ▪ Longer neck tubes like 3506, 3507, 3508, 3510 are recommended for larger jobs like roofing and road-work

Neck tube no.	Length, mm
350601	750
350801	600
350701	500
351001	350
350902 with hook	180
350501	100
770044 double neck tube	

Power burners for waterproofing and other heat demanding works

System



▪ Heavy-duty light weight power burners with extremely strong and windproof flames to withstand the severest weather conditions ▪ Ideal for drying, bitumen laying, detail and field torching, preheating before welding, melting snow/ice and other heat demanding applications ▪ For connection to Sievert Pro necktubes ▪ Recommended working pressure 4 bar



Power burner no.	294202	294302	294402
Burner diameter Ø, mm	32	35	50
Gas Consumption, g/h at 4 bar	2 000	3 350	6 700
Effect, kW	26	43,5	86

Made of high quality brass



Power burner no.	293401	296001
Burner diameter Ø, mm	34	60
Gas Consumption, g/h at 4 bar	2 000	8 250
Effect, kW	26	114

Made of high quality stainless steel



Power burner torch kits

Pro 88



System



Burner kit no.	345000
Burner diameter Ø, mm	50
Gas Consumption, g/h at 4 bar	6 700
Effect, kW	86

Swivel hose nipple for 5 to 8 mm hose



Technical data	
Burner diameter Ø, mm	50
Gas Consumption, g/h at 4 bar	6 700
Effect, kW	86
Neck tube length, mm	180

Hose connections	Art no.
BSP 3/8"LH	344441
M14x1	344442
UNF 9/16"LH	344447



Technical data	
Burner diameter Ø, mm	60
Gas Consumption, g/h at 4 bar	8 250
Effect, kW	114
Neck tube length, mm	500

Hose connections	Art no.
BSP 3/8"LH	346041
M14x1	346042
UNF 9/16"LH	346047

Special heavy-duty torch 6250



Torch no.	625010	625020
Burner diameter Ø, mm	56	51
Gas Consumption, g/h at 4 bar	4 800	4 800
Effect, kW	57	57
Neck tube length, mm	400	1460

Hose connection BSP 3/8"LH

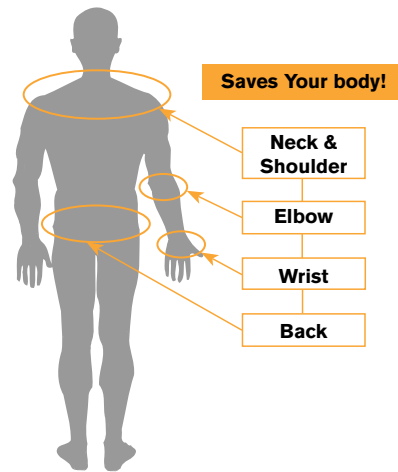


Pro 88

Titanium range

Save Your body

Working long days in tough conditions requires tools that are easy to handle and that prevent state of exhaustion. Sievert Titanium torches are the most ergonomic roofing burners ever created. With weight reduced by 60% compared to traditional burners, they will dramatically reduce the load on your body when working continuously for hours, days and months.



Titanium power burners and kits

Power burners



System



- Heavy-duty light weight power burners with extremely strong and windproof flames to withstand the severest weather conditions
- Ideal for drying, bitumen laying, detail and field torching, preheating before welding, melting snow/ice and other heat demanding applications
- For connection to Sievert Pro neck-tubes
- Recommended working pressure 4 bar



Power burner no.	295101	295001	295301	295401	295402
Burner diameter Ø, mm	34	50	60	70	70
Gas Consumption, g/h at 4 bar	2 000	6 700	8 250	12500	12500
Effect, kW	26	86	114	155	155

Made of high quality titanium

Neck tubes, titanium

System



- Range of neck tubes made of high quality titanium to connect power burners

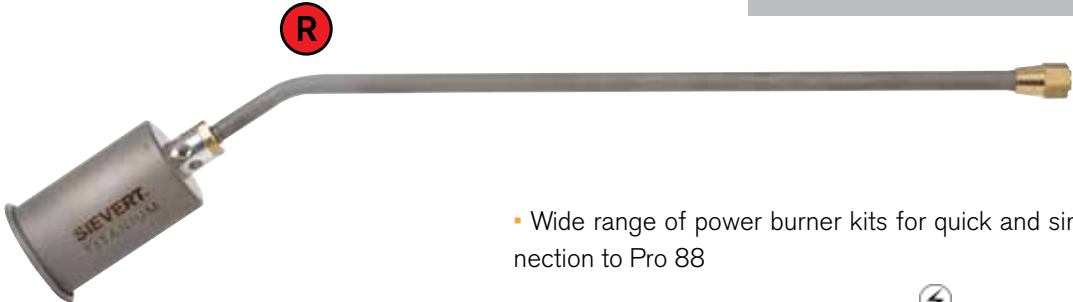


Titanium neck tube no.	355501	355001	355701	355601
Neck tube length, mm	100	350	500	750

Power burner kits

System

Pro 88



▪ Wide range of power burner kits for quick and simple connection to Pro 88



Titanium kit no.	356301	356401	356101	356701	356501	356001	357001	357002	356601	356201
Neck tube length, mm	100	100	350	350	500	500	500	500	600	750
Burner width, mm	34	50	50	60	50	60	70	70	50	50
Gas consumption, g/h at 4 bar	2 000	6 700	6 700	8 250	6 700	8 250	12 500	12 500	6 700	6 700
Effect, kW	26	86	86	114	86	114	155	155	86	86

Power burner torch kits

System

▪ Complete torch kits with fixed power burners and footstand

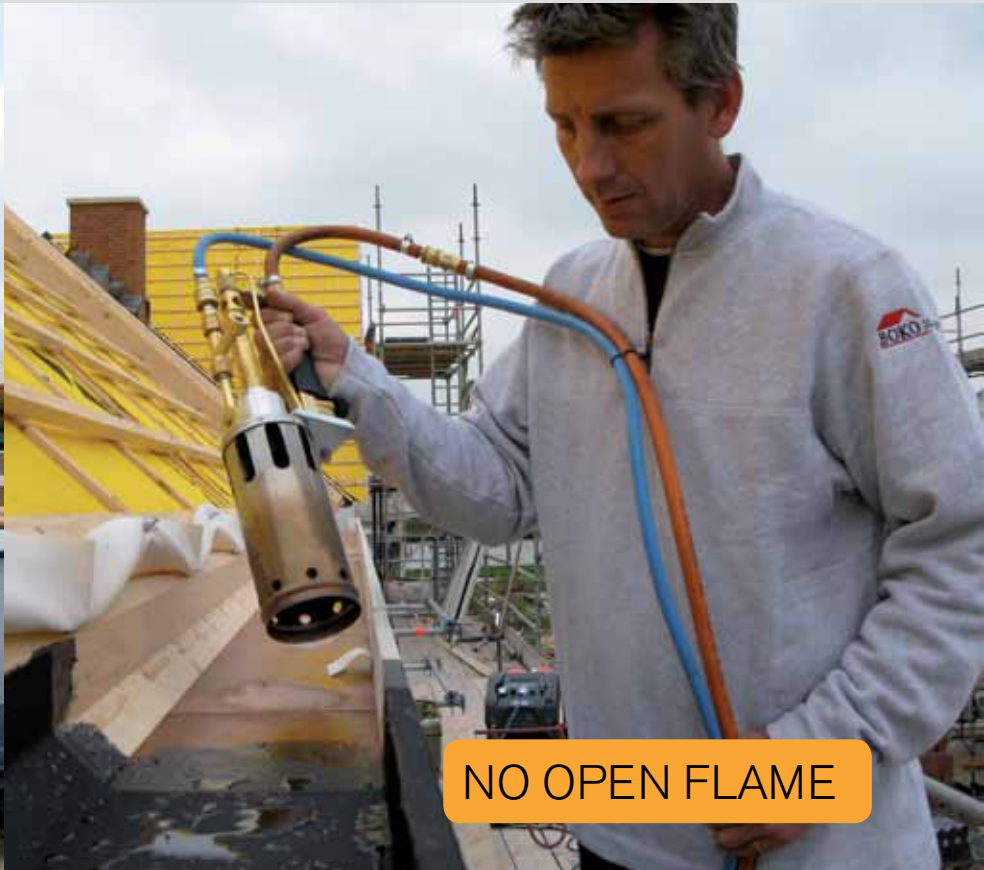


Power burner no.	346051	346052	347051	347052
Burner diameter Ø, mm	60	50	70	70
Gas Consumption, g/h at 4 bar	8250	6700	12500	12500
Effect, kW	114	86	155	155
Neck tube length, mm	500	500	500	500



Pro 88

Hot-air burners



Hot-air burners for roofing work



System



- Powerful hot-air roofing burners with totally encased flames for efficient bitumen laying when open flames are not permitted
- Powerful enough to achieve the same speed of roof laying compared to open flames - and the gas consumption is much lower
- The use of heat is very efficient due to the narrow and directed hot-air stream and due to the fact that one can work even closer to the material
- All burners can use compressed air to increase power for welding and for quick and efficient drying
- Working pressure 2 and 4 bar

With lifting device. Hot-air directed obliquely under overlap. Supplied with 3488 handle.



Delivered fully prepared for compressed air.

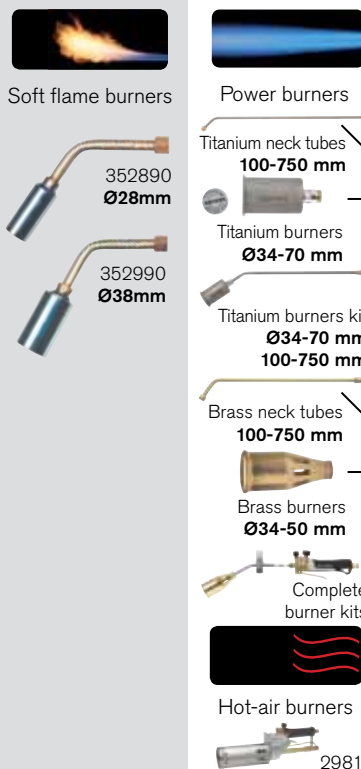
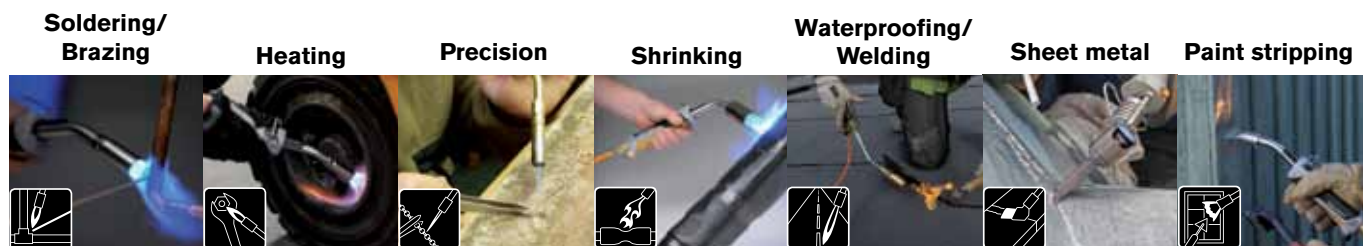


Technical data	298101	298201	298601
Burner width, cm	8	22	16
Gas Consumption, kg/h at 2 bar	1,1	2,2	1,1
4 bar with compressed air	1,8	3,6	1,8
Effect at 2 bar, kW	15	30	15
Effect at 4 bar, kW	25	50	25
Connection	BSP 3/8" LH	BSP 3/8" LH	BSP 3/8" LH

Turboset no. **717271**

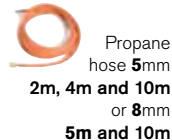
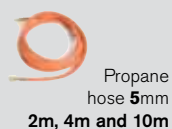
Allows the use of compressed air to increase the power of hot-air burners 2981 and 2986.





Complete your torch kit

Articles you also need for a complete torch system



Hoses

For more information,
see page 38



Regulators

For more information,
see page 40

Soldering Irons

Wide range of unique solutions



FLEXIBLE

INNOVATIVE

WIDE RANGE



Sheet metal

PSI 3380

System



Pro 95

System



Pro 3492

System



Promatic

System





System



Works 60 to 90 minutes with one 60g cartridge!

- Portable soldering iron for sheet metal work made of high quality Titanium and aluminium
- Ergonomically designed handle for even greater comfort
- Automatic piezo ignition
- The burner incorporates an effective windshield that makes the flame totally encased and windproof
- No risk of burning sensitive material
- The precise valve in the handle makes it easy to obtain the right heat for the copper bit
- Copper bit included

PSI	338030
Gas Consumption, g/h at 2 bar	75
Effect, kW	0,9
Length, mm	230
Weight, g	810
Copper bit weight, g	250

Portable soldering iron kit	338093
-----------------------------	--------

Delivered in a box with ▪ 1 PSI 338030 ▪ 2 cartridges Ultragas 220283 ▪ 1 Copper bit 700250 (250g) ▪ 2 jet orifices.

PSI (Portable Soldering Iron)



Ergonomically designed handle

Simple one-hand operation



Light-weight design

Made of high quality titanium and aluminium



Copper bits

- Cold-hammered copper bits made of high-quality electrolytic copper



Copper bit no.	700245	700250
Weight, g	245	250

Replacement cartridges

- Ultragas 220283 is a special gas mixture comprising Propane, Butane, Acetone and Propene. It achieves a flame temperature of more than 2100°C!

Technical data	220283
Connection	EU 7/16"
Content, ml	210

Anti-flare!



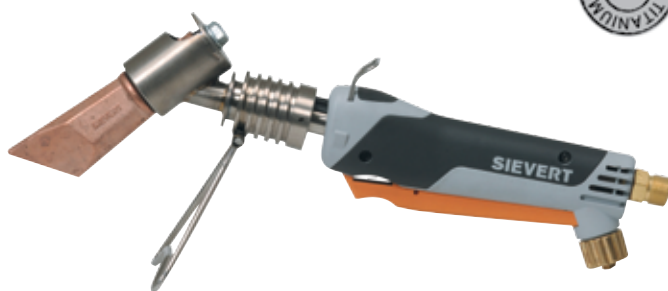
Soldering Irons

Wide range of unique solutions

Promatic soldering iron 3370



System



- Soldering iron burner for sheet metal work made of high quality Titanium
- Ergonomically designed handle for even greater comfort
- Automatic piezo ignition
- The burner incorporates an effective windshield that makes the flame totally encased and windproof
- No risk of burning sensitive material
- Equipped with locking device to keep the flame burning
- The precise valve in the handle makes it easy to obtain the right heat for the copper bit
- Working pressure 2 bar

Technical data	
Gas Consumption, g/h at 2 bar	140
Effect, kW	1,8
Length, mm	290
Weight, g	832

Delivered without copper bit

Hose connections	Art No
BSP 3/8"LH	337030
UNF 9/16"LH	337037



Totally encased and windproof burner

Wide range of copper bits



Swivel hose nipple.

Precise flame adjustment valve

Complete soldering iron kit



Promatic soldering kit	337093
------------------------	--------

Portable soldering kit with 2 disposable Propane cartridges (6 working hours).

Contains:

- Promatic Soldering Iron with 350 g copper bit
- 2 cartridges of quality propane 430 g, 220883
- Adjustable regulator 265012
- 2 m hose Ø 5 mm, 717321
- Hook for Belt 884105
- Bottle for soldering flux, 757208
- Small brush for soldering flux 757200
- Stone ammoniacal 757206
- Black wooden box 720106

Copper bits

- Cold-hammered copper bits made of high-quality electrolytic copper



Copper bit no.	700350	700400	700500	700800
Weight, g	350	370	500	800

Long life copper bits

- Long Life Copper bits solder at least 1500 metres and provide maximal heating transfer. Low gas consumption, no salmiak stone needed for cleaning

1500 metres of soldering, No hammering, No filing!



Copper bit no.	700353	700550
Weight, g	350	500

Soldering iron Pro 95 Titanium

Soldering Irons

K



System

K



- Extra light-weight soldering iron combining classic design, maximum comfort with modern burner technology
- Large selection of copper bits for all kinds of sheet metal work including roofing & gutter soldering
- The Pro 95 burner guarantees wind stability without using a windshield
- The handle has sliding air control to enable hard or soft setting
- It is also equipped with a swivel hose connection to avoid hose twist.

Technical data

Gas Consumption, g/h at 2 bar	120
Effect, kW	150
Length, mm	250
Weight, g	299

Hose connections

BSP 3/8"LH

Art no.

770360



Extrem light-weight design

Made of high quality titanium



Sliding air control to enable hard or soft setting

Accessories



Footstand no.

770303

Copper bits

- Cold-hammered copper bits made of high-quality electrolytic copper



Copper bit no.	701630	701720	702070	256200	701800
Weight, g	300	500	380	800	800

Long life copper bits

- Long Life Copper bits solder at least 1500 metres and provide maximal heating transfer. Low gas consumption, no salmiak stone needed for cleaning

1500 metres of soldering, No hammering, No filing!



Copper bit no.	701633	701725
Weight, g	300	500

Soldering Irons

Wide range of unique solutions

Soldering iron Pro 3492



System



- Traditional soldering iron burner for sheet metal work
- Practical and sturdy design
- Supplied with windshield and burner designed to give excellent wind protection
- Working pressure 2 bar
- Delivered without copper bit

Technical data	
Gas Consumption, g/h at 2 bar	260
Effect, kW	3,3

Hose connections	Art no.
BSP 3/8"LH	349241
M14x1	349242



Practical and sturdy design

Precise flame adjustment



Accessories



Soldering burner no.	295501
Gas Consumption, g/h at 2 bar	260
Effect, kW	3,3



Wind shield no.	708121
-----------------	--------

Copper bits

- Cold-hammered copper bits made of high-quality electrolytic copper



Copper bit no.	701630	701720	702070	256200	701800
Weight, g	300	500	380	800	800

Long life copper bits

- Long Life Copper bits solder at least 1500 metres and provide maximal heating transfer. Low gas consumption, no salmiak stone needed for cleaning

1500 metres of soldering, No hammering, No filing!



Copper bit no.	701633	701725
Weight, g	300	500

Soldering Irons

PSI	Promatic 3370	Pro 95	Pro 3492
Soldering Irons	Soldering Irons	Soldering Irons	Soldering Irons
<ul style="list-style-type: none"> 700245 245g 700250 250g 	<ul style="list-style-type: none"> 700350 350g 700500 500g 700400 370g 700800 800g Longlife 700353 350g Longlife 700550 500g 	<ul style="list-style-type: none"> 701630 300g 701720 500g 702070 380g 256200 800g 701800 800g 701633 Longlife 300g 701725 Longlife 500g 	<ul style="list-style-type: none"> 701630 300g 701720 500g 702070 380g 256200 800g 701800 800g 701633 Longlife 300g 701725 Longlife 500g

Complete your soldering iron kit

Articles you also need for a complete torch system

<p>Replacement gas cartridge Ultragas 2202</p>	<p>Propane hose 5mm 2m, 4m and 10m</p>	<p>Propane hose 5mm 2m, 4m and 10m</p>	<p>Propane hose 5mm 2m, 4m and 10m</p>
	<p>Regulator with adjustable pressure For gas cartridge</p>	<p>Regulator, fixed, 2bar, HFV</p>	<p>Regulator with adjustable pressure For gas cartridge</p>

Soldering iron kit solutions



Propane hoses and accessories

Wide range of hoses



3 LAYERS FOR SAFETY

Sievert high pressure hoses conform to the EN 559/ISO 3821 standards. Sievert hoses are also extra frost resistant and can be used in temperatures down to -30°C. The Sievert hose is designed with an inner layer of black gas resistant rubber, a middle layer of reinforcing weave to withstand high pressure and an outer orange coloured layer to protect against external damage, sunlight and ozone.

Sievert hoses are available with inside diameters of 5 mm, 6,3mm and 8 mm in 50 meter rolls or as factory fitted and leak tested hose kits.

Propane hoses

Diameter 5 mm
EN 559 / ISO 3821

Propane hose no.	Hose connection	Handle connection	Connection type	Length, m
853090	-			50 metre roll
717321	BSP 3/8"LH	BSP 3/8"LH	Fixed	2
717341	BSP 3/8"LH	BSP 3/8"LH	Fixed	4
717431	BSP 3/8"LH	BSP 3/8"LH	Fixed	10
701501	BSP 3/8"LH	M14x1	Fixed	2
701291	BSP 3/8"LH	M14x1	Fixed	4
701261	BSP 3/8"LH	M14x1	Fixed	10
717320	BSP 3/8"LH	BSP 3/8"LH	Fixed / Swivel	2
701294	BSP 3/8"LH	BSP 3/8"LH	Fixed / Swivel	4
701505	BSP 3/8"LH	M14x1	Fixed / Swivel	2
701290	BSP 3/8"LH	M14x1	Fixed / Swivel	4

Propane hoses for large burners

Extra resistant
Diameter 6,3 mm
DIN 4815 6,3 mm

Propane hose no.	Connections	Handle connection	Connection type	Length, m
770037	BSP 3/8"LH	BSP 3/8"LH	Fixed	5
770039	BSP 3/8"LH	BSP 3/8"LH	Fixed	8
770038	BSP 3/8"LH	BSP 3/8"LH	Fixed	10
770015	BSP 3/8"LH	BSP 3/8"LH	Fixed	20

Flexible
Diameter 8 mm
EN 559 / ISO 3821

836990	-			50 metre roll
701295	BSP 3/8"LH	BSP 3/8"LH	Fixed	5
711511	BSP 3/8"LH	BSP 3/8"LH	Fixed	10
701510	BSP 3/8"LH	BSP 3/8"LH	Fixed / Swivel	10
711510	BSP 3/8"LH	M14x1	Fixed / Swivel	10

Quick connections



Gas quick connection according to EN 561, ISO 7289

- Double O-ring sealing
- Gas cut-off



Threads:

In accordance with EN 560, ISO 3253 or country specific connections: 3/8"LH

Art no.	Description	Connection	Weight, g	Dimension, mm
754213	Quick connection OT	G3/8" LH OT	77,3	53x21
754214	Coupling pin IT	G3/8" LH IT	41,8	47x21
754215	Quick connection IT	G3/8" LH IT	86,4	52x21
754216	Coupling pin OT	G3/8" LH OT	29,3	47,5x15

OT=Outside thread IT=Inside thread

Hose nipples Fixed

Hose nipple no.	709621	709180	708971	717000	717020
Thread	BSP 3/8"LH	BSP 3/8"LH	M14x1	Shell	POL
Inside hose Ø, mm	5	5 and 8	5 and 8	5 and 8	5 and 8



Hose nipples Swivel

Hose nipple no.	722001	717331	715161	Hose clip no.	901359	900477
Thread	BSP 3/8"LH	BSP 3/8"LH	M14x1	Inside hose Ø, mm	5	8 adjustable
Inside hose Ø, mm	5	5 and 8	5 and 8			



Connections



Connections no.	Description
754206	Quick Connection female, BSP 3/8"LH for hose
754210	Nipple for Quick Connection male, BSP 3/8"LH for handle
770512	Double nipple, BSP 3/8"LH x BSP 3/8"LH for hose
770067	Connection for connecting two hoses, DIN Kombi
770082	Hose for 770067, length 40 cm, DIN Kombi

Valve



Valve no.	Description
700001	Valve adaptor M14-1,5 / BSP 3/8"LH. Horizontal outlet, convenient swivel connection.

Regulators

Hose failure valves



Sievert regulators are manufactured in brass to ensure the highest quality and long service life. The valves have a very high capacity and precise outlet pressure.

Why use a regulator?

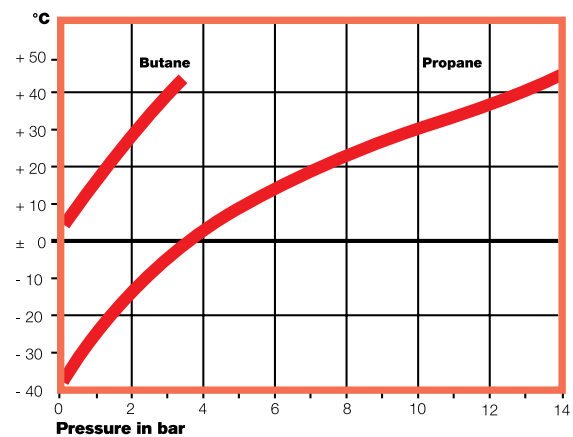
Certain Pro 86/88 burners, such as cyclone burners and most Promatic burners, require a steady pressure of 2 bar in order to perform well. Other burners can also operate under higher pressures but it is still an advantage to reduce the pressure from the propane cylinder. The advantage is that the pressure can be stabilized to obtain the same pressure on a warm summer's day as on a cold winter's day. The diagram shows how the pressure in an LP-gas cylinder varies with temperature. If the gas output is high, the gas cylinder will be cooled down and the pressure will drop.

Why use a hose failure valve?

A hose failure valve improves safety by **cutting off the gas flow in case of a hose rupture or some other major gas leak**. The use of hose failure valves is especially recommended on long hoses. The hose connection rotate freely on the valve housing, which reduces the risk of the hose becoming entangled. Sievert hose failure valves are supplied separately (3054) or integrated in regulators (3063, 3083, 3092 and 3093).

Why use LTS?

The Leak Test System improves safety even further. The **LTS valve is designed to detect minor leaks**. Before starting work, the operator can check for leaks in the system with the LTS valve. Their use is especially **recommended in poorly ventilated premises and when working below ground**. A regulator with LTS is always combined with a hose failure valve, to take care of the risk from major leaks.



Connections Guide

Commercial name	POL	BSP	Italian	DIN-Kombi	Shell
Thread	0.88"-14NGO	3/8"LH	W20.0-14LH	W21.8-14LH	W21.8-14LH
Standard	G.9	G.25	G.1	G.5	-
Country	CZ, DE, NO, PL, PT, SE	DE	AT, GR, IT	AT, DE, PL, HU	FR
					

Regulators & hose failure valves

Regulators

Regulators with fixed pressure



Regulator no.	Connection	Hose connexion	Pressure	Max. Capacity
309121	POL	BSP 3/8"LH	2 bar	6 kg/h
309122	BSP 3/8"LH	BSP 3/8"LH	2 bar	6 kg/h
309124	Italian	BSP 3/8"LH	2 bar	6 kg/h
309129	Shell	BSP 3/8"LH	2 bar	6 kg/h
309175	DIN Kombi	BSP 3/8"LH	2 bar	6 kg/h

Regulators with fixed pressure and hose failure valve



With hose failure valve	Connection	Hose connexion	Pressure	Max. Capacity
309221	POL	BSP 3/8"LH	2 bar	4 kg/h
309222	BSP 3/8"LH	BSP 3/8"LH	2 bar	4 kg/h
309225	DIN Kombi	BSP 3/8"LH	2 bar	4 kg/h
309345	DIN Kombi	BSP 3/8"LH	4 bar	12 kg/h
309229	Shell	BSP 3/8"LH	2 bar	4 kg/h
309399	Shell	BSP 3/8"LH	4 bar	12 kg/h

Regulators with adjustable pressure



Regulator no.	Connection	Hose connexion	Pressure	Max. Capacity
306111	POL	BSP 3/8"LH	1-4 bar	5-20 kg/h
306112	BSP 3/8"LH	BSP 3/8"LH	1-4 bar	5-20 kg/h
306115	DIN Kombi	BSP 3/8"LH	1-4 bar	5-20 kg/h
306119	Shell	BSP 3/8"LH	1-4 bar	5-20 kg/h
With manometer	Connection			
308111	POL	BSP 3/8"LH	1-4 bar	5-20 kg/h
308115	DIN Kombi	BSP 3/8"LH	1-4 bar	5-20 kg/h

Regulators with adjustable pressure and hose failure valve



With hose failure valve	Connection	Hose connexion	Pressure	Max. Capacity
306311	POL	BSP 3/8"LH	1-4 bar	5-12 kg/h
306312	BSP 3/8"LH	BSP 3/8"LH	1-4 bar	5-12 kg/h
306314	Italian	BSP 3/8"LH	1-4 bar	5-12 kg/h
306315	DIN Kombi	BSP 3/8"LH	1-4 bar	5-12 kg/h
306319	Shell	BSP 3/8"LH	1-4 bar	5-12 kg/h
With manometer	Connection			
308311	POL	BSP 3/8"LH	1-4 bar	5-12 kg/h
308315	DIN Kombi	BSP 3/8"LH	1-4 bar	5-12 kg/h

Regulators with adjustable pressure, HFV and LTS

With leak test system	Connection	Hose connexion	Pressure	Max. Capacity
306961	POL	BSP 3/8"LH	1-4 bar	1-2,3 kg/h
306962	BSP 3/8"LH	BSP 3/8"LH	1-4 bar	1-2,3 kg/h

Regulators with adjustable pressure for cartridges



Regulator no.	Connection	Hose connexion	Pressure	Max. Capacity
265012	EU 7/16" cartridge	BSP 3/8"LH	0-2 bar	-
265033	US 1" cylinder	BSP 3/8"LH	0-2 bar	-

Hose failure valves

With convenient swivelling angled connection.



HFV no.	Connection	Hose connexion	Pressure	Max. Capacity
305401	POL	BSP 3/8"LH	High 1,5-4 bar	10-14 kg/h
305406	BSP 3/8"LH	BSP 3/8"LH	Low 1,5-4 bar	3,8-5,7 kg/h
305402	BSP 3/8"LH	BSP 3/8"LH	High 1,5-4 bar	10-14 kg/h
305404	Italian	BSP 3/8"LH	High 1,5-4 bar	10-14 kg/h
305405	DIN Kombi	BSP 3/8"LH	High 1,5-4 bar	10-14 kg/h
305409	Shell	BSP 3/8"LH	High 1,5-4 bar	10-14 kg/h
645000	POL, hose nipple 5-8 mm		Appr. 7 bar	14 kg/h

Manometer



Manometer
720730

For 3061, 3063, 3081 and 3083

Refillable cylinders

ECONOMICAL

ENVIRONMENT FRIENDLY



Refillable LP Gas cylinders

- Manufactured of high quality steel, treated with corrosion protection and durable varnish on the outside
- Fitted with self closing connecting valves and integrated safety valve
- All cylinders are empty



Article no.	200041	201251	200060	201260	200426	201318	200417
Connection	M14 x1,5	M14 x1,5	M14 x1,5	M14 x1,5	BSP 3/8 LH	Shell	BSP 3/8 LH
Total weight (kg)	1,2	5,7	1,2	5,7	1,72	6,3	3,3
Contents (kg)	0,34	2,0	0,34	2,0	0,42	2,0	0,45
Height (cm)	28	22	28	22	30	28	36
Safety valve	External	External	In valve	In valve	In valve	In valve	In valve

Accessories



Hose holder no.

717031

Hose holder for cylinder 2012. A neat and practical solution for carrying and storing a torch kit and hose.



Suspension and carrying hook no.

884104/884105

884104: For use with the 2000, 2004 cylinder.
884105: For use with regulator 265012/265033.

Light line



Full range of burners, see page 22

Valve no. **871601**

Combined valve and neck tube assembly. For use with the refillable cylinder 2000.



Valve no. **881647**

Complete torch with US connection. For use with disposable cylinder 2209 and 2211

Refillable cylinders



Refill connections and accessories for refillable LP gas cylinders



Refill connection no. **203902**

Thread: POL / M14x1,5 for cylinder 2000 and 2012



Refill connection no. **204402/204403**

204402 Thread: Shell / M14x1,5 for cylinder 2000 and 2012
204403 Thread: DIN Kombi / M14x1,5 for cylinder 2000 and 2012



Refill connection no. **702621**

Thread: POL / BSP 3/8"LH for cylinder 2004 and 3960



Refill connection no. **702871**

Thread: Shell / BSP 3/8"LH for cylinder 2004 and 3960



Refill connection no. **757007**

Thread: DIN Kombi / BSP 3/8"LH for cylinder 2004 and 3960



Refill connection no. **770327**

Thread: DIN Household / BSP 3/8"LH for cylinder 2004 and 3960



Art no **720740** Art no **700001** Art no **769200**

Adaptor no. **720740/700001//769200**

720740: Adaptor for connecting POL regulator to valve - 700001. Threads - POL / BSP 3/8"LH. - 769200: Adaptor POL / DIN Kombi and Shell.



Cylinder valve no. **770326**

BSP 3/8"LH for cylinder 2004.



Cylinder trolley no. **730470**

With rubber wheels. Including nylon strap.

Gases

Disposable cartridges



PREMIUM QUALITY

SAFETY

Butane gas - 1925°C

- Piercable cartridges 221093 without valve
- Cartridge 220183 with adaptors for refilling butajet lighters etc.
- Contains 100% butane



Ultragas - 2100°C

- Built-in Anti-Flare function
- Gas mixture of propane, butane, propylene



Powergas - 1925°C

- Disposable cartridges with self closing valve
- Contains a gas mixture of 35% propane and 65% butane



System

EN 417:2012

Article no.	221093	220183	220283	220583	220383	220483
Connection	Piercable	Filling tube	EU (7/16")	EU (7/16")	EU (7/16")	EU (7/16")
Weight (g)	280	256	110	337	257	450
Contents (g)	190	168	60	210	175	336
Contents (ml)	350	330	210	380	300	600
Gas mixture	Butane	Butane	Propane / Propylene / Butane	Propane / Propylene / Butane	Propane / Butane	Propane / Butane
ADR	UN 2037	UN 2037	UN 2037	UN 2037	UN 1950	UN 1950
Standard	EN 417	EN 417	EN 417	EN 417	EN 417	EN 417

PSI





Safety

Disposable gas

Our filling of gas cartridges is controlled with the greatest of care. An automated weight control on the production line weighs each individual cartridge. The cartridge is then tested for leaks by immersing it in a 55°C water bath for three minutes. If the cartridge weighs too little or too much or if gas leaks out during the water test, it is automatically removed from the production line and discarded.

“The various safety steps in the process guarantee that each cartridge is of the highest quality and that it is completely safe for our customers to use,” “We know that we have unique safety solutions in our new factory and that we therefore always deliver the best products to our customers.”

MAPP® and Ultramapp gas - 2400°C For soldering, brazing and heating applications

- Safer, faster, cheaper and easier to work with than Acetylene
- Not sensitive to shocks
- Environmentally friendly and non toxic gas mixture



Premium quality Propane - 1925°C

- Adapted to most soldering and brazing applications



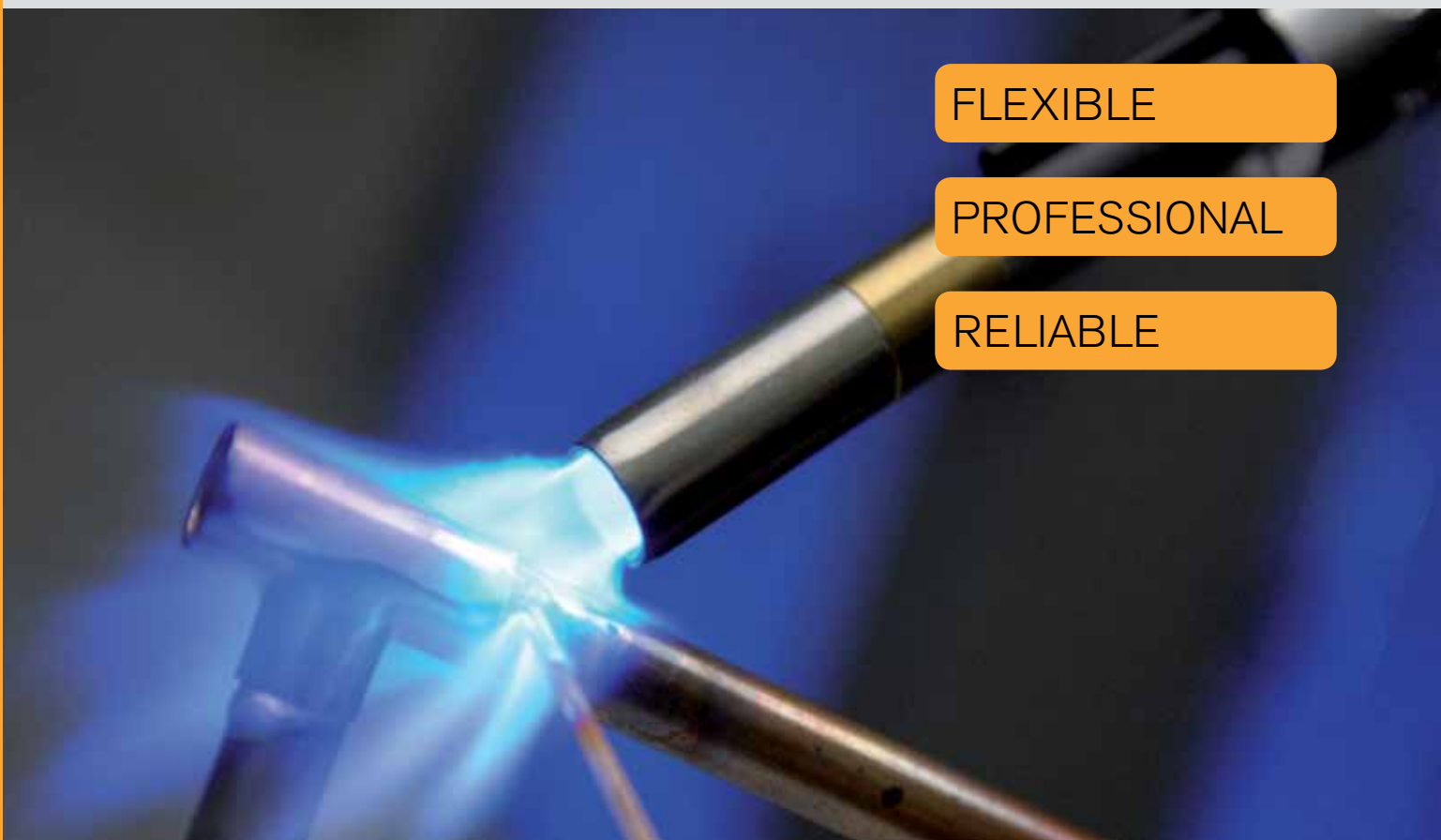
System

	220685	221183 ¹ /221184 ²	220885	220983
Article no.	220685	221183 ¹ /221184 ²	220885	220983
Connection	EU (7/16")	US (1")	EU (7/16")	US (1")
Weight (g)	536	1200	536	1200
Contents (g)	405	400	405	400
Contents (ml)	750	788	750	788
Gas mixture	Propylene/Butane	Propylene	Propane/Butane	Propane
ADR	UN 2037	UN 1077	UN 2037	UN 1978
Standard	EN 417	EN 12205	EN 417	EN 12205

(1) Europe
(2) Export

Powerjet

The professional torch system



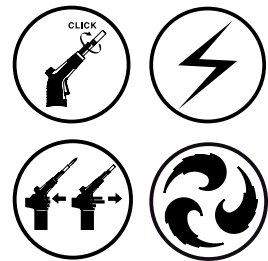
FLEXIBLE

PROFESSIONAL

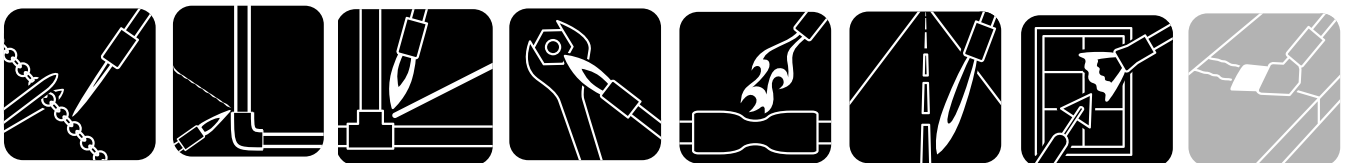
RELIABLE

Flexibility is the key word to describe the Sievert hand held torch system. These blowtorches provide everything the craftsman or discerning home handyman requires. With many unique features, these are the most advanced blowtorches for brazing or soft soldering, heat-shrinking, heating and dismantling work.

This Sievert Torch System operates on a number of fuels from propane, butane, Propane/Butane mix, Sievert Ultragas (a highly efficient anti-flare mixture) and our MAPP® and Ultramapp for extreme high heat levels.



Systems



Precision

Soldering

Brazing

Heating

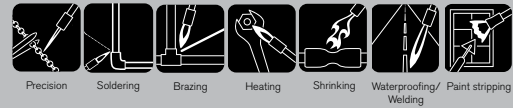
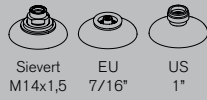
Shrinking

Waterproofing/
Welding

Paint stripping

Sheet metal

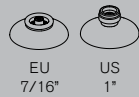
Powerjet



System



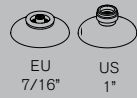
Metaljet



System



Easyjet

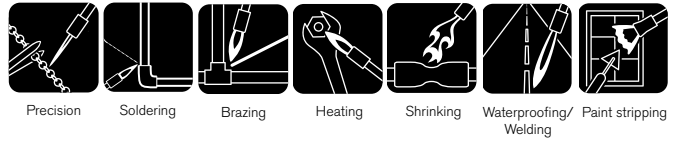


System



Powerjet

The professional torch system



- The most powerful and efficient torch system in the market
- The ergonomic handle is both long lasting and reliable
- Reliable Automatic Piezo ignition (up to 30000 ignitions)
- Trigger on/off function helps preventing LPG wastage
- Anti-Flare enables the torch to operate in all positions (360°)
- Full range of 6 easily interchangeable burners
- Easy exchange of nozzles
- Designed for use with MAPP® but also suitable for use with Propane, Ultramapp and Ultragas

Technical data	
Working pressure, bar	2,0
Weight, g	290
Length, mm	180
Height, mm	80



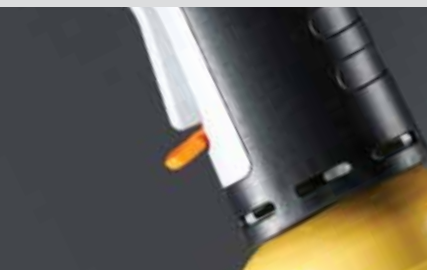
Powerjet 2535



New ergonomic comfort grip

Trigger on/off function helps preventing LPG wastage

No gas emission unless burner fitted



New trigger lock, provides continuous flame for hands-free use

New drop protection for highest safety.



New precise flame adjustment valve, turns only 270°

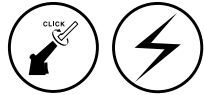
New (orange) Piezo ignition chock protection cover



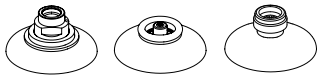
Powerjet



System



Connections:



Sievert M14x1,5 EU 7/16" US 1"

(1) For cylinders 200017, 200019, 200026 & 200060
(2) For cylinders 200032 & 200041



Powerjet	253501 ⁽¹⁾	253502 ⁽²⁾	253511	253547
Burner included	870601	870601	870601	870701
Burner diameter Ø, mm	14	14	14	16
Gas Consumption, g/h at 2 bar	170	170	170	230
Effect, kW	2,2	2,2	2,2	2,9
Connection	M14x1,5	M14x1,5	EU	US
Gas cartridge	Not included	Not included	Not included	Not included

Powerjet Hose Kit



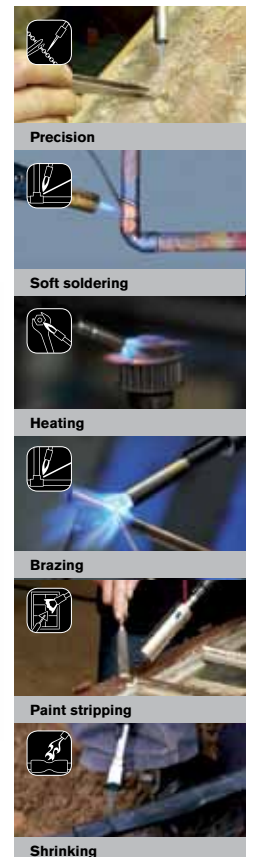
Hose with valve for Powerjet 253501 and 253502.
Powerjet and cylinder not included.

Hose kit	701262
Length, m	2
Hose diameter Ø, mm	5
Handle connection	M14x1
Valve connection	BSP 3/8" LH

Powerjet 2535 Interchangeable burners



Pin-point burner 870201 Standard burner 870401 Cyclone burner 870601 Cyclone burner 870701 Hot-air burner 870801 Soft flame burner 871001



Powerjet

The professional torch system

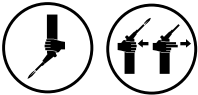
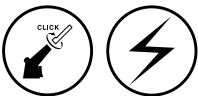
Metaljet



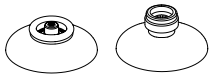
System



Heavy Duty



Connections:



EU
7/16"

US
1"



- Metaljet is the heavy duty torch
- Reliable Automatic Piezo ignition (up to 30000 ignitions)
- Trigger on/off function helps preventing LPG wastage
- Anti-Flare enables the torch to operate in all positions (360°)
- Full range of 6 easily interchangeable burners
- Easy exchange of nozzles
- Designed for use with Ultramapp but also suitable for use with Propane Working pressure 2,0 bar

Metaljet	215512	215513
Burner included	Cyclone 870701	Cyclone 870701
Burner diameter Ø, mm	16	16
Gas Consumption, g/h at 2 bar	230	230
Effect, kW	2,9	2,9
Connection	EU	US
Gas Cartridge	Not Included	Not Included

Metaljet 2155 - Interchangeable burners



Pin-point burner
870201

Standard burner
870401

Cyclone burner
870601

Cyclone burner
870701

Hot-air burner
870801

Soft flame burner
871001



Precision

Soft soldering

Heating

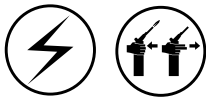
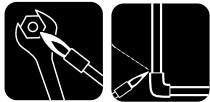
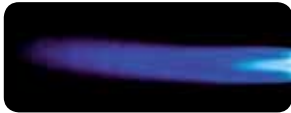
Brazing

Paint stripping

Shrinking

Easyjet 2235 interchangeable burners

Easyjet



Connections:



EU 7/16"

System



- Light-weight composite handle
- Developed for DIY applications like soft soldering, loosening bolts, paint stripping, fire lightning
- Delivered with 8704 standard burner. Working pressure 1,5 bar

Easyjet	223512
Burner included	Standard 870401
Burner diameter Ø, mm	16
Gas Consumption, g/h at 1,5 bar	70
Effect, kW	0,9
Connection	EU
Gas Cartridge	Not Included



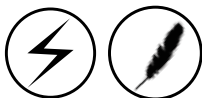
Pin-point burner 870201

Standard burner 870401

Hot-air burner 870801



Easyjet 2295 fixed burner



Connections:



EU 7/16"



US 1"

System



- Simplified hand-held torch with piezo
- Fixed standard flame burner
- Delivered with Sievert Powergas
- Developed for basic DIY applications like soft soldering, loosening of bolts, paint stripping, fire lightning and cooking. Working pressure 1,5 bar

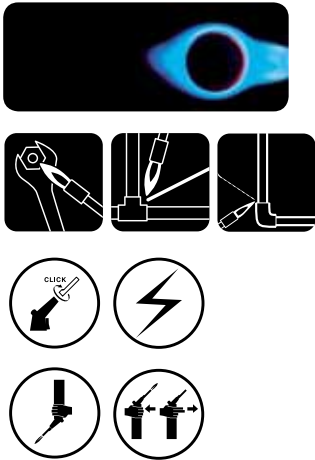
Easyjet	229501	229557
Burner included	Standard 870401	Standard 870401
Burner diameter Ø, mm	16	16
Gas Consumption, g/h at 2 bar	70	70
Effect, kW	0,9	0,9
Connection	EU	US
Gas Cartridge	220483	Not included



Powerjet

The professional torch system

Kits

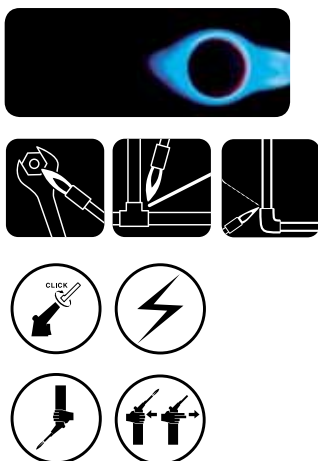


System



Powerjet kit combined with 1 Ultragas 220583. Suitable for heating, brazing and soldering applications.

Powerjet Kit	253512
Burner diameter Ø, mm	14
Gas Consumption, g/h at 2 bar	170
Effect, kW	2,2
Burner	Cyclone 870601
Connection	EU
Gas Cartridge	220583

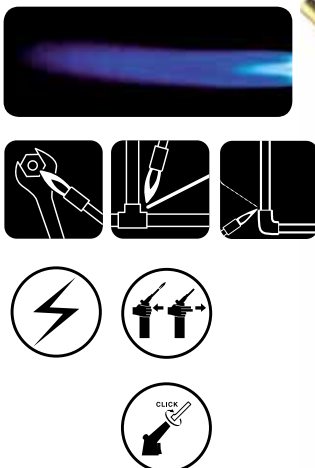


System



Metaljet kit	215563	215585
Connection	EU	EU
Metaljet	215512	215512
Burner	Cyclone 870701	Hot air 870801 Cyclone 871001
Gas Cartridge	2x 220685	2x 220885

Professional Service Case made of sturdy plastics.
One cylinder foot is included in all kits



System







































Easyjet kit combined with 1 Powergas 220483. Suitable for heating and soldering applications.

Easyjet	223511	229501
Burner diameter Ø, mm	16	16
Gas Consumption, g/h at 2 bar	90	70
Effect, kW	1,2	0,9
Burner	Standard 870401	Standard 870401
Connection	EU	EU
Gas Cartridge	220483	220483

Powerjet

Interchangeable burners

	Pin-point burner 870201	Standard burner 870401	Cyclone burner 870601	Cyclone burner 870701	Hot-air burner 870801	Soft flame burner 871001
						
						
Precision	<ul style="list-style-type: none"> For small soft soldering jobs Gives a precise and stable flame 	<ul style="list-style-type: none"> For soft soldering and other small heating jobs 	<ul style="list-style-type: none"> For brazing and soft soldering Intensive and effective short flame that reaches around the pipe 	<ul style="list-style-type: none"> For brazing and soft soldering Highly efficient cyclone burner with increased tip diameter 	<ul style="list-style-type: none"> For shrinking and paint stripping Powerful and wind stable hot-air stream 	<ul style="list-style-type: none"> For shrinking and heating jobs Powerful and wind stable soft flame
						
Soft soldering						
						
Heating						
						
Brazing						
						
Paint stripping						
						
Shrinking						
						
System						

Burner no.	870201	870401	870601	870701	870801	871001
Burner diameter Ø, mm	15	16	14	16	38	24
Gas Consumption, g/h at 2 bar	40	90	170	230	130	230
Effect, kW at 2 bar	0,5	1,2	2,2	2,9	1,7	3,5
Soldering max pipe Ø, mm	10	18	40	50	-	22
Brazing max pipe Ø, mm	-	-	18	20	-	-

Turbojet

Easy-to-use torch with swivel burner for hands-free work

NO FLARE-UP

360° SWIVEL

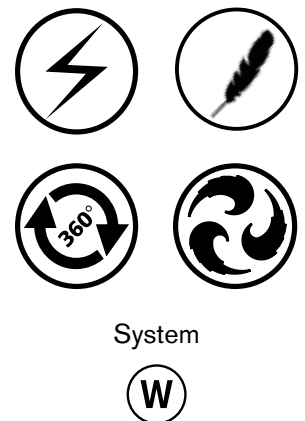


The lightest hand held torch on the market, yet the most powerful.

The new Turbojet is engineered with the craftsman in mind. The updated swivel burner is now providing 360 degrees of rotation in not one but two different places, making the places that are impossible to reach, possible.

All new aluminum body gives the Turbojet a unique design and makes it 50% lighter than its predecessor.

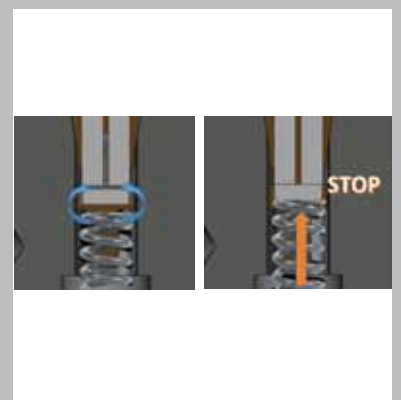
The new Turbojet is designed with passion and innovation, just like everything else at Sievert.



50% lighter



360° swivel burner for hard-to-reach places



Double gas stop system

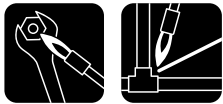
Turbojet swivel torches

Turbojet

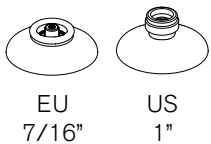


Twin swivel torches

System



Connections:



- For brazing of tubes up to \varnothing 25 mm

Technical data	
Working pressure, bar	0-3,5
Burner diameter \varnothing , mm	14x2
Gas consumption, g/h	590
Effect, kW	7,6
Soft soldering max \varnothing , mm	60
Brazing max \varnothing , mm	25

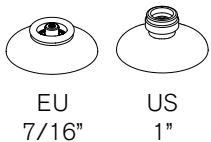
Valve connections	Art no.
EU 7/16" with piezo	264112
US 1" with piezo	264133

Single swivel torches

System



Connections:



- For all kinds of brazing, soldering and heating applications

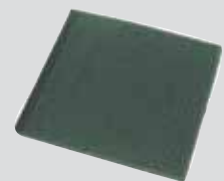
Technical data	
Working pressure, bar	0-3,5
Burner diameter \varnothing , mm	14
Gas consumption, g/h	295
Effect, kW	3,8
Soft soldering max \varnothing , mm	40
Brazing max \varnothing , mm	18

Valve connections	Art no.
EU 7/16" with piezo	261012
US 1" without piezo	262033
US 1" with piezo	261033



Soldering mat

For wall and floor protection when soldering. Saves heat and time. For temperatures up to 760°C.



Solder mat no.	415061
Dimensions:	25x25 cm

For wall and floor protection when soldering. Saves heat and time. Formable solder mat. For temperatures up to 700°C.



Aluminium Solder mat no.	415062
Dimensions:	33x50 cm

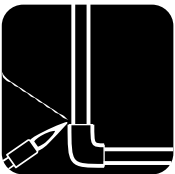
Handyjet

The new multi-purpose torch



PIEZO IGNITION

ANTI-FLARE



Soldering



Heating



Paint stripping

Multi-purpose is the keyword for our new Handyjet line. Examples of applications are soldering, paint stripping, de-icing, cooking, barbeque and many other heating applications.

New unique burner

Our new Handyjet has a new powerful, efficient and windstable multi-purpose burner. The new unique burner is designed with a preheating tube, that heats up the gas before combustion. This means that our new Handyjet can be used upside down without any flare-ups.



Handyjet

NEW



Gas cartridges not included.
For kits with included gas cartridges
see handyjet kits on page 55

Article number	228101	228201	228301
Burner diameter Ø, mm	20	20	20
Gas consumption, g/h	140	140	80
Effect, kW	1,8	1,8	1,0
Piezo ignition	No	Yes ⚡	Yes ⚡
Gas cartridge connection	EU (7/16")	EU (7/16")	Pierceable

Sievert Handyjet 2281, 2282 and 2283



Drop protection for maximum safety and durability



Piezo ignition and new superior flame adjustment valve



Ergonomic comfort grip

Handyjet Kits



Article number	228202	228203	228302	228303
Burner diameter Ø, mm	20	20	20	20
Gas consumption, g/h	140	140	80	80
Effect, kW	1,8	1,8	1,0	1,0
Piezo ignition	Yes	Yes	Yes	Yes
Gas cartridge connection	EU (7/16")	EU (7/16")	Pierceable	Pierceable
Gas Cartridge included	220384	220384 x 2	221093	221093 x 2

Gases

Recommended disposable gas cartridges



Product name	Butane gas	Powergas
Art. no.	221083	220383
Connection	Pierceable	EU (7/16")
Contents (ml)	350	300
Gas mix	Butane	Propane / Butane

Butajet

Refillable torch system

HANDY

REFILLABLE



Pro torch 430000



- Gives a precise and adjustable flame ideal for cooking, lighting barbeques and candles also small soldering jobs
- Automatic ignition
- Complete portability
- Hi-tech polymer construction - light weight yet sturdy
- Flame temperature 1300°C
- Burning time per fill 60 min

Pro torch with rubber grip 432000



- Gives a stable and adjustable flame ideal for cooking, lighting barbeques and candles also small soldering and shrinking jobs
- Automatic ignition
- Complete portability
- Ergonomic handle with rubber grip
- Removable safety stand included
- Flame temperature 1300°C
- Burning time per fill 220 min

Pro torch heavy duty 435000



- Gives a powerful and adjustable flame ideal for cooking, lighting, melting/de-icing, soldering and shrinking jobs
- Automatic ignition
- Complete portability
- Highest output flame of any butane torch
- Separate Controls for Fuel and Air
- Flame temperature 1350°C
- Burning time per fill 200 min

Microjet torch 423000



- Gives a precise and wind stable pin-point flame Ideal for melting/de-icing of snow and ice, lighting barbeques, candles and small heating works
- Automatic ignition
- Complete portability
- Fueled by butane lighter or included fuel cell
- Flame temperature 1300°C
- Burning time per fill 20 min

Turbo Lite torch 420001

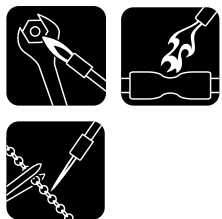


- Gives an exact and wind stable pin-point flame ideal for de-icing of bicycle- and car locks, camping or as a cigarette lighter
- Automatic ignition
- Complete portability
- Flame lock child resistant
- Flame temperature 1300°C
- Burning time per fill 30 min

Electric ignition soldering kit 410001

Premium soldering kit 412001

- For applications such as automotive and truck repairs, TV- and radio repairs, jewelry repairs, electronics, air condition, shrinking and other heating jobs
- Automatic piezo ignition
- Portable multi function heat tool
- Flame temperature 1300°C



- Power range 30-100 Watt
- Burning time per fill 120 min



- Power range 30-125 Watt
- Visible fuel level
- Burning time per fill 210 min



Refilling cartridge

- Disposable cartridge with self closing valve
- Contains 100% butane
- For refilling of the Butajet line



Technical data	220183
Connection	Filling tube
Weight, g	256
Content, g	168
Content, ml	330
Cartridge	Disposable

Gardener

Heat away the weeds

CONVENIENT

ENVIRONMENTALLY FRIENDLY



Gardener



Heat away the weeds

- Convenient - Saves your knees and back
- Environmentally friendly - No chemicals
- Automatic piezo ignition - No matches needed

Gardener no.	223001	223101	223097
Gas Consumption, g/h	300	400	400
Length, mm	770	700	700
Weight, g	750	750	750
Connection	EU	Sievert	US

Cylinder/gas cartridge not included

Slowly sweep the burner about 5 cm above the weeds. The plant shall be heated, not burned. The heating causes the cell walls in the plant to burst and the plant dies of drying out. A correct heating can be checked by pressing a leaf between the fingertips. A dark green fingerprint shall then appear on the leaf.



Weed.

Heat it.

2-3 days later.

After 2-3 days the weeds have wilted completely - with just the need to sweep up and compost. The treatment is best carried out in spring and is most effective against small weeds. Small annual weeds die completely after one treatment. Grass, dandelion and other perennial weeds need repeated treatment throughout the growing season.

RESTORE

Grinding wheel dresser



Reconditioning grinding wheels

A worn or clogged grinding wheel seriously reduces its grinding ability. With a Sievert Grinding Wheel Dresser, the grinding wheel can be restored to almost new condition and large amount of money will be saved.

The sturdy and comfortable hardwood handle provides a stable but soft grip. The roller comprises complete discs of punched Swedish special steel with U-shaped teeth. Through a special method of hardening, the teeth have been given the correct hardness and toughness. Supporting heels on the dresser cover enable it to be placed precisely against the grinding wheel. The cover also provides protection for the face and hands against sparks and flying particles.

The choice of Sievert Grinding Wheel Dresser depends on the grain size, hardness and speed of the grinding wheel.



GWD no.	361208	361108	361008
Grinding wheel max Ø, mm	500	500	200
Max width, mm	102	63	38
Max peripheral speed m/s	50	50	30



Dresser roll no.	701012	701002	700992
For GWD art no.	361208	361108	361008
Ø, mm	56	55	36
Width, mm	65	39	21

Roofing

Complete range of hot-air welding tools and machines



Hot-air welding machines

Whether you should weld modified bitumen such as SBS and APP or plastic membranes such as TPO and PVC by using hot-air, Sievert offers a complete range of hot-air welding machines.

Modified Bitumen Welding



Electric hot-air welding machine
TW 5000



Electric hot-air welding tool
DW 2000

Plastic Welding



Electric hot-air welding machine
TW 5000



Electric hot-air welding tool
DW 2000

DW 2000

The hottest tool on the market



POWERFUL

ERGONOMIC

DW 2000 has been specially designed for completing the toughest heating jobs with precision and ease. The revolutionary ergonomic design makes the welder lightweight and easy to handle.

System **P**



Automatic cool-down mode for safe use prolongs the life of motor and element

Fully adjustable temperature control



Ergonomically designed handle with soft grip

Two-step fan control



Outstanding air flow and pressure. Long life brushless motor

Built in volt-metre

Models:

Voltage	Art no.
230V (EU)	292001



DW 2000 hot-air tool

Technical data DW 2000			
Voltage	230 V ~ Frequency (50/60 Hz)	Power	2000 W
Temperature	150°C - 600°C fully adjustable	Size	330 mm, Ø 48 mm
Air flow	I 205 l/min II 270 l/min	Weight	780 g
Air pressure	I 3000 Pa II 4000 Pa	Display	Digital LED
Emission level	65 dB	Cable length	3 m



**Delivered
in a roofing
tool-box**

Nozzles

High quality nozzles for Sievert hot air tools. Stainless steel. Universal 32 mm diameter. Delivered in PET blister pack with Eurohole.



Nozzle no.	297305	297320	297321	297322	297340	297380
Description	Reduction	Angle slit	Angle slit	Angle slit	Angle slit	Angle slit
Dimension	5 mm	20x2 mm	20x2 mm	20x2 mm	40x2 mm	80x2mm

Heating Element



Heating element no.	297201
Voltage	230 V

Pressure Rollers

Developed for perfect results

Silicone Pressure rollers



Silicone roller with ball bearings for overlap welding, screwed axis, ergonomical wooden handle for maximum pressure, bracketed on one side.

Art no.	Roller Size, mm	Weight, g	Model
297512	Ø 33 x 28	155g	Straight
297513	Ø 33 x 45	240g	Straight
297514	Ø 33 x 45	240g	Angle 45°
297515	Ø 33 x 90	350g	Straight

Steel Pressure Rollers



Heavy duty steel pressure roller for cold pressure welding, Two smooth running ball bearings, riveted axis, ergonomical wooden handle for maximum pressure, bracketed on one side for overlap welding.

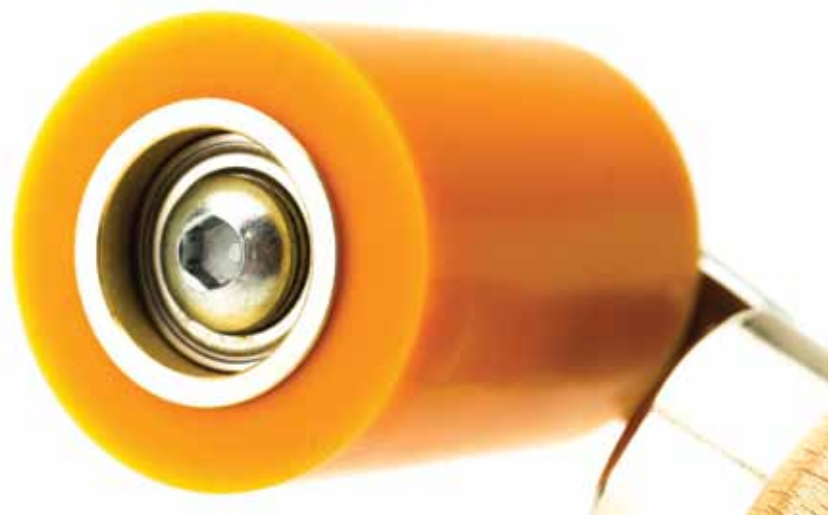
Art no.	Roller Size, mm	Weight, g	Model
297531	Ø 40 x 40	490g	Straight
297532	Ø 40 x 60	625g	Straight

PTFE Pressure Rollers



PTFE roller for overlap welding of much harder and tougher membranes such as polyolefin. Two smooth running ball bearings, screwed axis, ergonomical wooden handle for maximum pressure, bracketed on one side.

Art no.	Roller Size, mm	Weight, g	Model
297521	Ø 33 x 28	165g	Straight
297522	Ø 33 x 45	365g	Straight



Metal Pressure Rollers



Extra thin metal pressure roller for PVC-sheets welding and flooring installation, enclosed smooth-running ball bearings, extra thin, convex metal roller, ergonomical wooden handle for maximum pressure.

Art no.	Roller Size, mm	Weight, g
297541	Ø 34 x 6	195g

Brass Pressure Rollers



Brass pressure roller, enclosed smooth-running ball bearings, extra thin, convex brass roller, ergonomical wooden handle for maximum pressure.

Art no.	Roller Size, mm	Weight, g
297542	Ø 28 x 6	145g

Seam tester



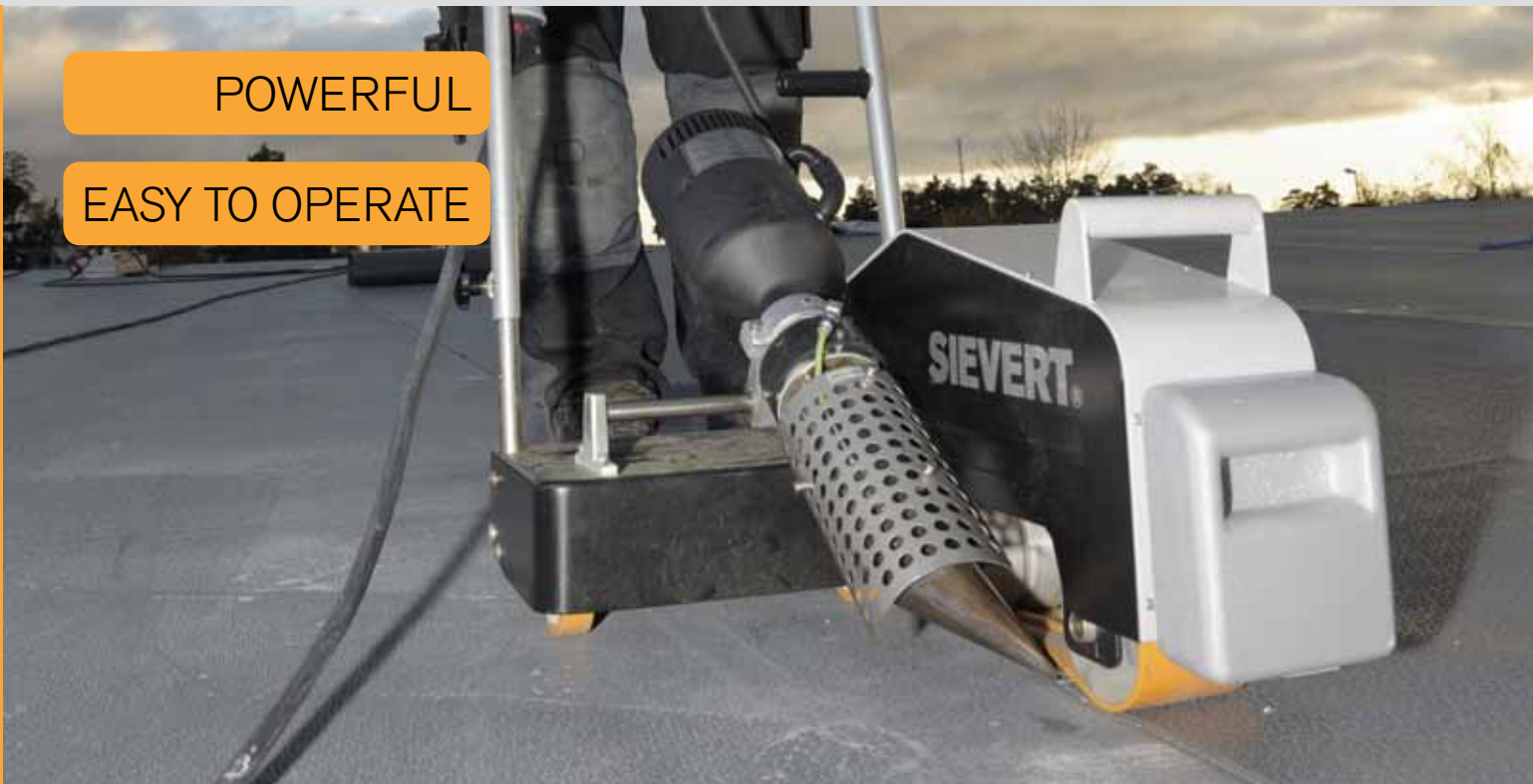
90° angled seam tester, ergonomical wooden handle, optimized tip. Delivered with plastic Eurohole holder.

Art no.	Length, mm	Weight, g
297551	250	100g



TW 5000

High Quality Welding Result



The Sievert TW 5000 was designed with the contractor in mind. It is the most versatile, reliable, powerful and easy to operate automatic hot-air welding machine available on the market.

The Sievert TW 5000 can weld any membrane, such as plastic, rubber and modified bitumen.

Sievert's long experience in making heating tools for the roofing industry together with new modern industrial design has created a truly professional and user friendly welding machine.



Four-wheel drive and belt system assures wrinkle-free welding

Powerful engine and efficient drive system allows climbing ability up to 30°

Separate free rolling wheels for easy transport



Easy to operate display unit. Digital display showing temperature, speed and incoming voltage

Runs on 400 V or 230 V

All electronics are made in accordance to highest industrial standard



Powerful fan for high-speed welding

Adjustable handle made of sturdy steel

Automatic start/stop sensor when the hot-air nozzle is engaged/disengaged

TW 5000



TW 5000 hot-air welding machine

Technical data TW 5000			
Temperature	40°C - 650°C fully adjustable	Cable length	90 cm
Speed	0 - 7m/min fully adjustable	Size	56 x 38 x 25 cm
Air flow	0 - 48 l/s fully adjustable	Weight (incl. 8kg)	30 kg
Display	Digital LED	Declaration of conformity	CE
Emission level	70 dB		



All models are delivered in a sturdy steel transport box.

Models Sievert TW 5000

Model 2990

- Overlap welding of PVC and similar roofing membranes



Plastic welding

Model 2991

- Overlap welding of modified bitumen and similar roofing membranes



Modified bitumen welding

TW 5000 no.	299001	299005	299047	299101
Voltage	400 V ~	220-230 V ~	220-230 V ~	400 V ~
Power	6300 W	5000 W	6300 W	6300 W
Ampere	16 A	22 A	28 A	16 A
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Nozzle width	55 mm			90 mm
Width of welding seam	40-55 mm			70-100 mm

LP gas

Information

Sievert on LP gas

Gaseous paraffins is the correct description for what we call LP gas. LP gas consists of the hydrocarbons propane and butane, or a mixture of the two. These gases are extracted from crude oil. LP gas or LPG stands for liquefied petroleum gas. At normal temperatures, LP gas is gaseous but is a liquid when under pressure. Propane must be distributed in steel cylinders that can withstand high pressure. Butane can be distributed in lighter gas cartridges.

LP gas and safety

Leaking LP gas is a fire hazard.
LP gas is heavier than air.
LP gas uses air during combustion.

There are primarily two things to think about to prevent accidents with LP gas. 1. Avoid leakages. 2. Ensure good ventilation. Leaking LP gas can ignite and cause a fire, or in the worst case, an explosion. The cylinder valve should always be closed when the cylinder is not in use. The cylinder should be stored upright and, if possible, at ground level since LP gas is heavier than air and can therefore accumulate in cellars, manholes etc. Good ventilation is important when working indoors as the flame consumes air. Lack of oxygen causes incomplete combustion, which produces carbon monoxide instead of carbon dioxide. Carbon monoxide is a treacherous and deadly gas.

LP gas and efficiency

Permits very high power outputs.
Energy content is high.
Fuel is easy to store and transport.

A large amount of fuel only occupies a small space and is therefore easy to store and transport. LP gas forms a combustible mixture with air when the proportion of gas is between 2 and 10 percent. When the gas changes from a liquid to a gaseous form, the volume increases by 250 times. In other words, the energy content is high. LP gas can be stored in its container almost indefinitely without the gas breaking down.

LP gas and the environment

LP gas is non-toxic and does not contain hazardous additives.
It does not contaminate air or water.

LP gas does not produce any hazardous combustion gases, just carbon dioxide and water vapor. The gas does not contaminate water, it does not produce soot, it is not corrosive and it does not cause corrosion to iron or other metals. It does not contain lead or heavy metals and is non-toxic. In other words, LP gas is an environmentally friendly fuel. The only additive is a strongly smelling substance that acts as a warning signal for leaking gas. Normally, LP gas has no smell.

LP gas and handling

Work in well-ventilated areas.
Avoid placing the LP gas cylinder near sources of heat.
Ensure that the cylinder is stored upright during transport.

You should regularly check valves and connectors for leakage. Remember also that good ventilation is important at areas where the gas is stored or used. Ventilation is also important to ensure effective combustion. Make sure that the cylinder is at ambient temperature when you begin working. If you are going to use the fuel at temperatures below zero Celsius, use propane instead as butane does not gasify at low temperatures.

LP gas and fire

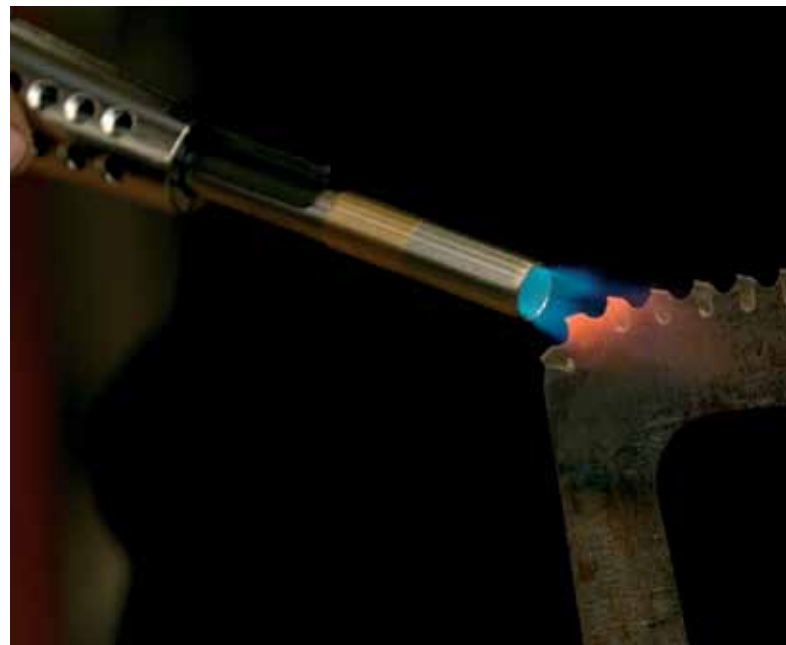
Always extinguish LP gas fires with powder, never water.
Move LP gas cylinders to a safe place if there is a fire in the vicinity.
If possible, close the valve on the cylinder.

Steel cylinders are fitted with a safety valve that opens if the pressure increases too much. This can occur if there is a fire close to the cylinder. The valve stops the cylinder exploding. To guarantee the function of the safety valve, it is important that the LP gas cylinder is stored in a standing position. In addition, a closed valve stops unchecked gas flow if a hose should become damaged.

LP gas and equipment

Never allow an untrained person to use the equipment.
Only use special LP gas parts.
Be extra careful with valves and connectors.

Never use other valves, burners or hoses that those designed for use with LP gas. Sievert LP gas hose conforms to the EN 559 standard. The hose consists of an internal rubber layer that is LP gas-proof, armouring an external rubber layer that can withstand air and aging. All equipment shown in this product catalogue is manufactured of materials that withstand LP gas and is designed so that the risk for leakage is minimal.



LP gas and checks

Ensure that you have the correct equipment for the job. Make sure that you have tightened all valves and connectors. Regularly inspect the equipment and check that the system is sealed.

Read the instructions for use and follow the safety advice. Use soapy water or a special liquid for detecting leakages on valves and joints to find any leaks. LP gas hoses should be checked very carefully and changed if you see any changes. Bend the hoses and look for cracks in the rubber. Hoses exposed to sunlight with age quicker than those used indoors.

LP gas and storage

LP gas is not affected by long storage periods. Always disconnect equipment from the container. Store the cylinder in a well-ventilated area.

Avoiding storing LP gas cylinders in areas that are warm. Temperatures below zero Celsius are, however, perfectly safe for storage. Ensure that the ventilation is good. In principle, LP gas can be stored indefinitely in its container without the quality being affected. Remember to remove all connectors before storing the equipment. To empty the system of gas, close the valve on the LP gas cylinder. Then close any valves on the rest of the equipment. In this way, you will avoid LP gas spillage when you open the system again.

LP gas and technical specifications

	Butane	Propane
Chemical formula	C ₄ H ₁₀	C ₃ H ₈
Density at 15°C	Heavier than air	Heavier than air
As gas	2.40 kg/m ³	1.85 kg/m ³
As liquid	0.58 kg/l	0.51 kg/l
Boiling point at atmospheric pressure	-2°C	-42°C
Gas pressure at -20°C	0	1.5 bar
Gas pressure at 0°C	0	4 bar
Gas pressure at +20°C	1.3 bar	7.5 bar
Energy content	49.5 MJ/kg 12.6 kWh/kg	50.4 MJ/kg 12.8 kWh/kg
Amount of air required for combustion	12.0 m ³ /kg	12.2 m ³ /kg
Maximum flame temperature with air	1925°C	1925°C
Combustion mixtures, volume-% gas in air	1.5 - 8.5%	2.1 - 9.5%

LP Gas

LP gas output from a cylinder

When LP gas turns from a liquid to a gas, heat is required which is taken from the liquid itself, from the container and from the surrounding air. LP gas and the bottle become cooler which reduces the pressure in the container. For larger burners, and especially during continuous use, a sufficient container size is necessary so that the burner can work at a constant power. When using larger burners or burners with high gas consumption, ensure the cylinder size is large enough to deliver the required gas, without significant temperature drop. Table below shows an example of the maximum quantity of gas possible to use during one hour for burners requiring 2 bar pressure. Conditions for this example are the following: gas – propane, cylinder size 11 kg, continuous gas use during one hour, temperature of air and cylinder.

Temperature	+20°C	0°C
Full cylinder 11 kg propane	3.8 kg	1.6 kg
Half cylinder 5.5 kg propane	1.9 kg	0.85 kg

For large gas burners you need to have big gas cylinders with enough gas or several cylinders linked together.

Temperature of the gas flame

Theoretically, LP gas has a maximum flame temperature of 1925 °C. In practice, this temperature is not reached when heating an object. The temperature achieved depends on the size of the object, how much heat is dispersed, the ability of the burner to transfer heat, the size of the burner and how long the object is heated. Therefore, the choice of burner depends on the job to be carried out.

Melting points of soldering metals

Soldering metal	Temperature
Tin solder	190 - 280°C
Aluminium soft solder	380°C
Aluminium hard solder	580°C
Silver solder	610°C
Phosphor copper solder	720°C
Bronze solder	860°C

Melting points of metals

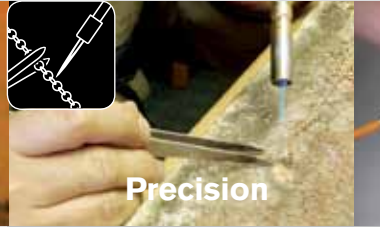
Metal	Temperature
Lead	327°C
Zinc	419°C
Aluminium	658°C
Silver	961°C
Gold	1063°C
Copper	1084°C

Combination

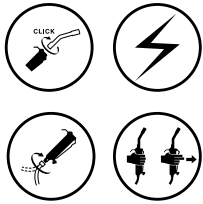
Chart

Application code

Shows the applications for the product.



Promatic



336611 BSP 3/8"LH
336628 M14X1

Cyclone burners for soft soldering and brazing

- 334001 Ø14mm
- 333501 Ø19mm
- 333601 Ø25mm

Burners for soft soldering

- 333301 Ø14mm
- 334301 Ø19mm
- 334401 Ø25mm

Pin-point burner

- 333301 Ø14mm

Cyclone burner

- 334001 Ø14mm

Pro 86



348641

Pro 88



348841



348641/348841 BSP 3/8"LH
348642/348842 M14X1

Cyclone burners for soft soldering and brazing

For Pro 86

- 352403 Ø19mm
- 352503 Ø25mm

Burners for soft soldering

For Pro 86

- 393802 Ø17mm
- 393902 Ø17mm
- 394002 Ø17mm
- 394102 Ø22mm
- 871901 Ø17mm
- 872501 Ø25mm

Burners for soft soldering and jewellery work

For Pro 86

- 884204 Ø8mm
- 872001 Ø12mm
- 350101

Burners for soft soldering

- 393802 Ø17mm
- 393902 Ø17mm
- 394002 Ø17mm
- 351102

Powerjet



2535

Cyclone burners for soft soldering and brazing

- 870601 Ø14mm
- 870701 Ø16mm

Soft flame burners

Standard burner

- 871001 Ø24mm
- 870401 Ø16mm

Easyjet 2295 EU
Fixed standard burner

Pin-point burner

- 870201 Ø15mm

Large cylinder



Regulator connection: Shell, POL, DIN Kombi, Italian



Propane hoses Ø 5, 6, 3 8mm



Regulator connection: R 3/8"V



Valve 700001



Refillable cylinders 2000/2012

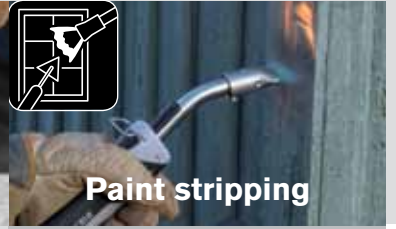


Cylinder and cartridge connection:

Sievert M14x1,5

EU 7/16"

US 1"



Soft flame burners



- 334891 **Ø28mm**
- 334191 **Ø38mm**
- 334791 **Ø50mm**

Hot-air burners



- 335990 **Ø25mm**
- 334990 **32x15mm**
- 333401 **Ø38mm**

Power burners




- 335002 **Ø40mm**
- 335602 **Ø60mm**
- 335102 **Ø50mm**
- 335302 **Ø60mm**
- 337302 **Ø60mm**

Hot-air burners



- 335890 **32x15mm**

Soldering Irons



- Soldering Iron 337030
- Portable Soldering Iron 338030
- 700301
- 700250
- 700350
- 700400
- Longlife 700550
- 700245
- 700500
- 700800
- Longlife 700353

Flat flame burner




- 334501 **40x8mm**

Hot-air burners



- 334990 **32x1,5mm**
- 333401 **Ø38mm**


Soft flame burners



For Pro 86

- 352890 **Ø28mm**
- 352990 **Ø38mm**

Power burners



For Pro 88

- 295101 **Ø34mm**
- 295001 **Ø50mm**
- 295301 **Ø60mm**
- 295402 **Ø70mm**
- 294102 **Ø28mm**
- 294202 **Ø32mm**
- 293401 **Ø34mm**
- 294302 **Ø35mm**
- 294402 **Ø50mm**


Neck tubes Titanium

- 355501-100mm
- 355001-350mm
- 355701-500mm
- 355601-750mm

Neck tubes Brass

- 100mm-350501
- 350mm-351001
- 500mm-350701
- 600mm-350801
- 750mm-350601

Soldering Irons



For Pro 86

- Soldering Iron 349241
- 708121
- 701633 Longlife
- 701800
- 701630
- 295501
- 701725 Longlife
- 256200
- 707120
- 702070


Flat flame burner



For Pro 86


- 351703 **35x5mm**
- 884204
- 350101

Hot-air burners



- 870801 **Ø38mm**

Soft flame burners




- 871001 **Ø24mm**

Hot-air burners



- 870801 **Ø38mm**

Soft flame burners



- 871001 **Ø24mm**

Hot-air burners



- 716941
- 870801 **Ø38mm**

Spare Parts

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Promatic Spare Parts	Art. no.
Trigger piezo repair kit	722301
Trigger piezo repair kit for old Promatic handle (336601)	722201
O-ring 9,3 x 2,4 for Promatic burners (5 pcs included)	161291
Pro Spare Parts	Art. no.
Small knob for Pro 3488 (5 pcs included)	146227
Large knob for Pro 3488 (5 pcs included)	146221
Pro burner Spare Parts	Art. no.
Gasket 19x10x1,5 for 2934, 2941, 2942, 2943, 2944, 2960, 3938, 3939, 3940, 3941 (5 pcs included)	169235
Heavy-duty torch 6250 Spare Parts	Art. no.
Knob & Spindle for Heavy-duty torch 652010, 652020	625011
PSI Spare Parts	Art. no.
O-ring for EU 7/16" connection (2 pcs included)	830806
Regulator Spare Parts	Art. no.
Rubber sealing for POL (hand tightening) (5 pcs included)	152588
Gasket for Regulator DIN-Kombi and Shell (5 pcs included)	168912
Gasket for Regulator Italian connection (5 pcs included)	169716
2000 cylinder and valve Spare Parts	Art. no.
O-ring for Sievert M14x1,5 connection (2 pcs included)	830606
Gasket for Sievert M14x1,5 connection (2 pcs included)	830306
Powerjet Spare Parts	Art. no.
Gasket for Sievert M14x1,5 connection (2 pcs included)	830306
O-ring for Sievert M14x1,5 connection (2 pcs included)	830606
Gasket for US 1"UNEF connection (glue is required) (2 pcs included)	152025
O-ring for EU 7/16" UNEF connection (2 pcs included)	830806
Cartridge and cylinder support for 2000, 2206, 2208, 2209, 2211	700725
Cartridge support for 2203, 2204, 2205, 2206, 2208	700726
Gardener Spare Parts	Art. no.
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O-ring for Sievert M14x1,5 connection (2 pcs included)	830606
Gasket for US 1"UNEF connection (2 pcs included)	152025
O-ring for EU 7/16" UNEF connection (2 pcs included)	830806
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Replacement heating element 400 V ~, 6300 W	799001
Replacement heating element 220-230 V ~, 6300 W	799047
Replacement heating element 220-230 V ~, 5000 W	799007

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