# Heating tools for professionals


SIEVERT®

Product Catalogue 2007

# Our products represent today´s most advanced technology. But our ambition extends far beyond this.


In your hand you hold Sievert's product range.

But behind all the product pictures and article numbers there is a lot more.

This unseen Sievert represents more than a hundred and twenty five years of technical progress - decades of technical support and discussions with users - years of providing thoughtful service - days of unceasing effort to find new possibilities.

Our stated goal is both simple and straightforward: to develop, manufacture and supply innovative and high-quality tools and tool systems for all types of soldering and heating applications.

This statement is not just a definition of our product range – it is also a promise. A promise that we will always be one step ahead and that we will always listen to you – our customer – and involve ourselves in your business. A promise that we will be close to hand wherever in the world you may be. A promise that we will be the working partner

that you need, helping you achieve the greatest possible success in your business when you use our products and services. Whatever the jobs you may have on today. Whatever the jobs you may have in the future.

We have been in business for more than 125 years, and today our products lead the world. But it still seems that our work has only just begun. Welcome to Sievert.

## The concept is over a hundred years old but the flame still burns as brightly today.

Because Carl Richard Nyberg was a specialist in soldering, he knew all too well that the soldering technology available in the 1880´s left a lot to be desired.

But C.R. Nyberg was a stubborn man determined to find a heating source that would make the work more efficient. After much experimentation at home in his little flat he succeeded in finding a solution and in 1882 he had the first prototype of his soldering blowtorch ready for use.

In the same year, the future industrialist Max Sievert opened the doors of the machinery business in Stockholm that was to form the foundation of a major company. When the paths of Nyberg and Sievert later crossed, the partnership they created was uncommonly fruitful.

Nyberg manufactured blowlamps and Sievert sold them throughout the world.

A successful business was launched.

## Wherever you are.

Sievert AB has its origin and head office in Sweden, but with sales in more than 60 countries in five continents, it should be viewed as a truly global business. Few other companies in our industry can boast such geographical coverage.


Our geographical spread also has major benefits for our customers. One is our accessibility and the availability of high standards of service. Another is the experience that we gain of different countries and different industries, which is of immense benefit in our ongoing development work.

## Whatever you need.

Our goal is to be able to offer professional products at the top end of the quality scale for any possible type of soldering or heating task that needs to be done. Whether the job is large or small and whether you are a demanding professional user or a demanding Do-It-Yourselfer.

## It is you that controls our work.

These days it is not enough to do a good job. You must do the job better, more efficiently and if possible cheaper than anyone else. That is what counts today.

Accordingly, it is vital that we at Sievert understand how you and all our other customers operate – what your daily work involves. In this way we can become a better supplier, providing the products that will best meet the precise requirements of your individual business.

In many cases we have modified products to match specific requests and these have then become part of our standard range of products. This is how you can – and should – control our work, because at the end of the day it is your work that really matters.

## Quality means more than what you see.

The piezoelectric igniter is guaranteed for 30,000 operations, and works faultlessly even if the handle is exposed to moisture. Every smallest detail is contrived and machined to function perfectly. We use the very best steel and the most advanced production technology.

Even so, Sievert quality means much more than reliable operation and a long working life. It means knowledge of the user's daily work and long experience of the industry. It means a worldwide organisation. It means the products and range of accessories that make up the whole Sievert System. All this comes as standard under what we mean by Quality.

## World leaders - but we are never satisfied.

"Anything good can be made even better" summarises the spirit of our day-to-day work. This doesn't mean that our current products are not as good as we can make them – rather, that we constantly improve our products to match the changing world outside. Being innovative requires more than undertaking technical development for its own sake; it means foreseeing future changes. A good example is our new electronic product range, which complements our established range to make us a complete supplier.

# Selection guide for LP gas heating tools

## The System code

Shows which products that fits together.


B — Promatic

R — Pro 86/88

G — Powerjet

## The Product code

Shows the feature and benefit of the product.


Piezo ignition


Trigger on/off

Bayonet fitting


Anti flare


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


## The Application code

Shows the application for the product.


Soldering/ Brazing


Heating


Precision


Shrinking


Roof/Road


Sheet metal


Paint stripping





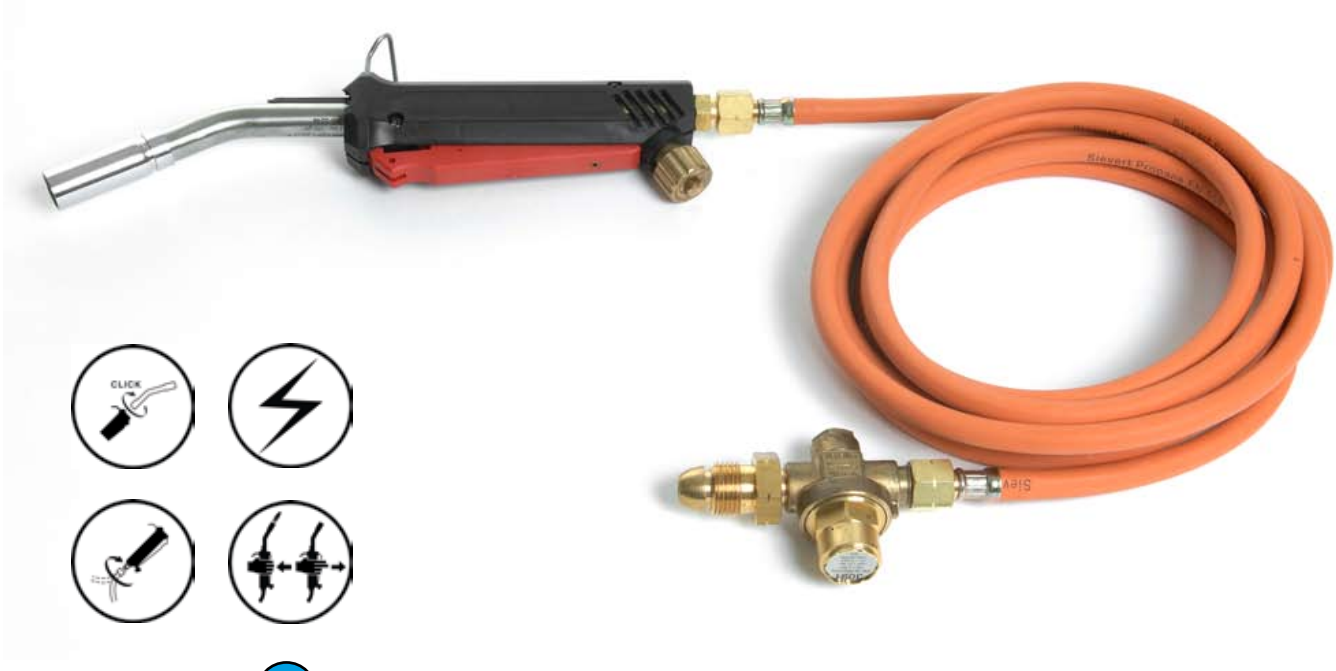

## Table of contents

SIEVERT®

# Promatic

## The universal torch system

- **Automatic ignition - guaranteed for 30 000 ignitions**
- **Trigger on/off function - no waste of LP gas**
- **Bayonet fitted burners - quick change**
- **Swivel hose nipple - avoid hose drag**
- **Precise flame adjustment valve**
- **Load relieving trigger system**
- **Unique patented ignition system**
- **Ergonomic and modern design**
- **Works in all weather conditions**
- **Wide range of burners for all applications**




System B





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, butane and Mapp® gases.

## Sievert Promatic handle 3366

▪ Plastic composite handle reinforced with 30% glass for maximum durability ▪ 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 ▪ Hose connection BSP 3/8"LH

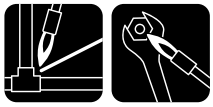
| Handle no. | 3366 |
|---|---|
| Working pressure, bar | 1,5-4 |
| Weight, g | 290 |
| Length, mm | 180 |
| Height, mm | 80 |

# Burners for soft soldering and brazing

SIEVERT®

System B

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



| Promatic auto torch kit | PAUTOKITX |
|---|---|

A professional powerful torch kit ideal for soft soldering, brazing, melting, metal works, paint stripping and other heating jobs. Comes complete with a 3343 standard flame burner, 3m hose and a 0.35 - 4bar adjustable regulator. See 334301 for technical data.

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

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

System B

- Pin-point burner with the finest flame for precision work such as gold and silver forging
- Silver soldering about 615°C
- Work 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 |

System B

- 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
- Work pressure 2 bar

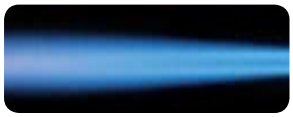
| Cyclone burner no. | 334001 |
|---|---|
| Burner diameter Ø, mm | 14 |
| Gas Consumption, g/h at 2 bar | 170 |
| Effect, kW | 2,1 |
| Soft Soldering about 400°C max. pipe diameter Ø, mm | 28 |
| Brazing up to 720°C max. pipe diameter Ø, mm | 15 |

## Burners for soft soldering and brazing

| Cyclone burner no. | 333501 |
|---|---|
| Burner diameter Ø, mm | 19 |
| Gas Consumption, g/h at 2 bar | 250 |
| Effect, kW | 3,2 |
| Soft Soldering about 400°C max. pipe diameter Ø, mm | 32 |
| Brazing up to 720°C max. pipe diameter Ø, mm | 18 |

| Cyclone burner no. | 333601 |
|---|---|
| Burner diameter Ø, mm | 25 |
| Gas Consumption, g/h at 2 bar | 580 |
| Effect, kW | 7,4 |
| Soft Soldering about 400°C max. pipe diameter Ø, mm | 70 |
| Brazing up to 720°C max. pipe diameter Ø, mm | 32 |

## Burners for roofing and other heat demanding works



System B

▪ High capacity power burners with extremely strong and windproof flames for roofing works and for large-scale heating applications ▪ Short burners for detail work on roofs and other heating applications such as preheating before welding and shrinking on pipelines ▪ Long burners for field torching ▪ Recommended work pressure 4 bar

| Detail Power Burner no. | 335002 |
|---|---|
| Burner diameter Ø, mm | 40 |
| Gas Consumption, g/h at 4 bar | 3 350 |
| Effect, kW | 43,5 |
| Burner length, mm | 250 |

| Detail Power burner no. | 335602 |
|---|---|
| Burner diameter Ø, mm | 60 |
| Gas Consumption, g/h at 4 bar | 8 000 |
| Effect, kW | 102 |
| Burner length, mm | 250 |

| Field Power burner no. | 335102 |
|---|---|
| Burner diameter Ø, mm | 50 |
| Gas Consumption, g/h at 4 bar | 6 700 |
| Effect, kW | 86 |
| Burner length, mm | 600 |

| Field Power burner no. | 335302 |
|---|---|
| Burner diameter Ø, mm | 60 |
| Gas Consumption, g/h at 4 bar | 8 000 |
| Effect, kW | 102 |
| Burner length, mm | 600 |

## Burners for roofing and other heat demanding works

System B

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

| Hot-air burner no. | 333401 |
|---|---|
| Burner diameter Ø, mm | 38 |
| Gas Consumption, g/h at 2 bar | 125 |
| Effect, kW | 1,6 |

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

## Burners for cable work - heat shrinking

System B

▪ 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 is sucked in this 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 ▪ Work pressure 2 bar

| Soft flame burner no. | 334791 |
|---|---|
| Burner diameter Ø, mm | 28 |
| Gas Consumption, g/h at 2 bar | 460 |
| Effect, kW | 5,9 |
| For thick walled sleeves max, mm<br>Also for thin walled sleeves | 50 |

| Soft flame burner no. | 334191 |
|---|---|
| Burner diameter Ø, mm | 38 |
| Gas Consumption, g/h at 2 bar | 900 |
| Effect, kW | 11,5 |
| For thick walled sleeves max, mm | 150 |

| Soft flame burner no. | 334891 |
|---|---|
| Burner diameter Ø, mm | 50 |
| Gas Consumption, g/h at 2 bar | 2 000 |
| Effect, kW | 26 |
| For thick walled sleeves over, mm | 150 |

# Burners for cable work - heat shrinking

SIEVERT®

System B

▪ Hot-air burners with powerful windproof hot-air streams for heat shrinking ▪ 3349 ideal for shrinking in confined spaces and fibre optic closures ▪ 3359 is an extra small hot-air burner incorporating a heat reflector, ideal for signal systems, traffic lights, alarm systems, marine applications, automobiles and other vehicle repairs ▪ Work pressure 2 bar

| Hot-air burner no. | 333401 |
|---|---|
| Burner diameter Ø, mm | 38 |
| Gas Consumption, g/h at 2 bar | 125 |
| Effect, kW | 1,6 |

| Hot-air burner no. | 334990 |
|---|---|
| Burner diameter, mm | 32x15 |
| Gas Consumption, g/h at 2 bar | 55 |
| Effect, kW | 0,7 |

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

| Soldering burner no. | 335991 |
|---|---|
| Encased and windproof flame for soft soldering. | |

**3349 Hot-air burner**
Perfect for shrinking in confined spaces

**3349 Hot-air burner**
Perfect for shrinking in confined spaces

# Burners for sheet metal work

SIEVERT®

System B

▪ Soldering iron burner for sheet metal work ▪ 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 Promatic handle makes it easy to obtain the right heat for the copper bit ▪ Work pressure 2 bar

| Soldering burner no. | 349241 |
|---|---|
| Gas Consumption, g/h at 2 bar | 140 |
| Effect, kW | 1,8 |
| Length, mm | 310 |
| Weight, g | 785 |

| Copper bit no. | 700350 |
|---|---|
| Length, mm | 115 |
| Weight, g | 350 |

| Copper bit no. | 700400 |
|---|---|
| Length, mm | 130 |
| Weight, g | 370 |

| Copper bit no. | 700500 |
|---|---|
| Length, mm | 160 |
| Weight, g | 500 |

# Burners for paint stripping

SIEVERT®

System B

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

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

System B

▪ Hot-air burner with powerful exceptionally windproof hot-air streams for use on delicate materials ▪ Work pressure 2 bar

| Hot-air burner no. | 333401 |
|---|---|
| Burner diameter Ø, mm | 38 |
| Gas Consumption, g/h at 2 bar | 125 |
| Effect, kW | 1,6 |

## Accessories

| Copper bit no. | 884301 |
|---|---|

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

| Flat nozzle no. | 716941 |
|---|---|

Flame shaper for hot-air burner 3334.

| Heat reflector no. | 717281 |
|---|---|

Protects the wall and speeds up the work when brazing. For use with all soldering burners.

| Neck tube support no. | 717241 |
|---|---|

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

# Pro 86/88

## The classic torch system

- **All components are carefully chosen to guarantee long service life**
- **Ergonomic designed handles**
- **Works in all weather conditions**
- **Wide range of burners for all applications**
- **Pro 88 a double valved handle mainly for larger burners**
- **Pro 88 incorporates one main valve and one economiser valve enabling a gas saving pilot flame**
- **Pro 88 with trigger for shifting between pilot and main flame and for pulsing the main flame**
- **Pro 86 a single valved handle mainly for smaller burners**
- **Pro 86 with valve and spindle designed for very exact flame setting**



System R





The Pro series meets high criteria for carrying out professional heating tasks. Whether soldering, paint stripping, cabling, roofing or 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.

Pro 86/88 - Sievert´s classic torch system program operates with propane, butane and Mapp® gases.

## Sievert Pro 88 handle 3488

▪ 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 ▪ Ergonomic designed plastic composite handle ▪ Delivered without hose nipple ▪ Hose connection BSP 3/8"LH

| Handle no. | 3488 |
|---|---|
| Working pressure, bar | 1,5-8 |
| Weight, g | 385 |
| Length, mm | 205 |
| Height, mm | 90 |

## Sievert Pro 86 handle 3486

▪ 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 ▪ Ergonomic designed plastic composite handle ▪ Delivered without hose nipple ▪ Hose connection BSP 3/8"LH

| Handle no. | 3486 |
|---|---|
| Working pressure, bar | 1,5-8 |
| Weight, g | 245 |
| Length, mm | 180 |
| Height, mm | 70 |

## Pro 86 multipurpose torch kit PMPX

System R

▪ An ideal torch with many different uses including preheating, soft soldering, brazing paint stripping and loosening bolts ▪ Comes complete with a 2941 standard burner, 3m hose and a 0.35 - 4bar adjustable regulator ▪ See 294102 for technical data

## Pro 86 needle flame torch kit P9NFT67OX

System R

▪ Professional welding torch (8842) with a superior fine flame ideal for Lead welding, Silver and Gold working (615°C) ▪ Comes complete with an 8842 needle point burner, 4m hose and a 0.35 - 4bar adjustable regulator ▪ See 884204 for technical data

## Pro 86 cyclone torch kit PMPTBX

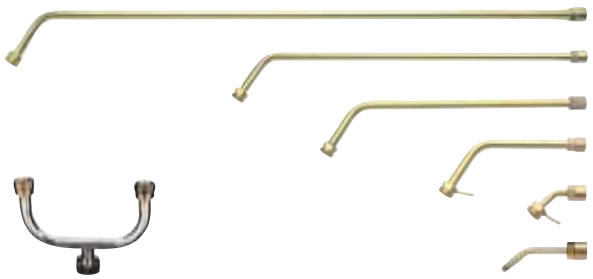
System R

▪ A perfect soft soldering and brazing torch kit ideal for plumbers who are welding and brazing continuously ▪ Comes complete with a 3524 19mm cyclone burner, 3m hose and a 0.35 - 4bar adjustable regulator ▪ See 352403 for technical data

## Sievert Pro neck tubes

System R

▪ 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 3509 and 3511 are recommended for smaller heating applications like gold and silver forging ▪ Longer neck tubes like 3506, 3507 and 3510 are recommended for larger jobs like roofing and road works



| Neck tube no. | Length, mm |
|---|---|
| 350601 | 750 |
| 350701 | 500 |
| 351001 | 350 |
| 350902 with hook | 180 |
| 351102 with hook | 70 |
| 350101 only for burner 8842 | 78 |
| 770044 double neck tube | |

# Burners for soft soldering and brazing

SIEVERT®

System R

- 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 work 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 | 10 | 10 | 12 |

System R

- 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 work 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 |

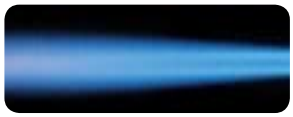
System R

- 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
- Work 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 |

# Burners for roofing and other heat demanding works

SIEVERT®



System R

▪ 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 work 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 qualtiy stainless steel | | |

# Ready made kits for roofing and other heat demanding works

| Turboroofer 50 no. | 3444 |
|---|---|
| Burner diameter Ø, mm | 50 |
| Gas Consumption, g/h at 4 bar | 6 700 |
| Effect, kW | 86 |
| Neck tube length, mm | 180 |
| Hose connection BSP 3/8"LH | |

| Turboroofer 60 no. | 3460 |
|---|---|
| Burner diameter Ø, mm | 60 |
| Gas Consumption, g/h at 4 bar | 8 250 |
| Effect, kW | 114 |
| Neck tube length, mm | 500 |
| Hose connection BSP 3/8"LH | |

**Turboroofing torch kit P3460KITX**

Heavy duty roofing burner ideal for full lap bitumen laying, drying, removing road markings (White lines) comes complete with 4m hose and a 0.35 - 4bar adjustable regulator. See 3460 for technical data.

**Detail roofing torch kit P3444KITX**

Heavy duty roofing burner ideal for full lap bitumen laying, drying, removing road markings (White lines) comes complete with 4m hose and a 0.35 - 4bar adjustable regulator. See 3444 for technical data.

SIEVERT®

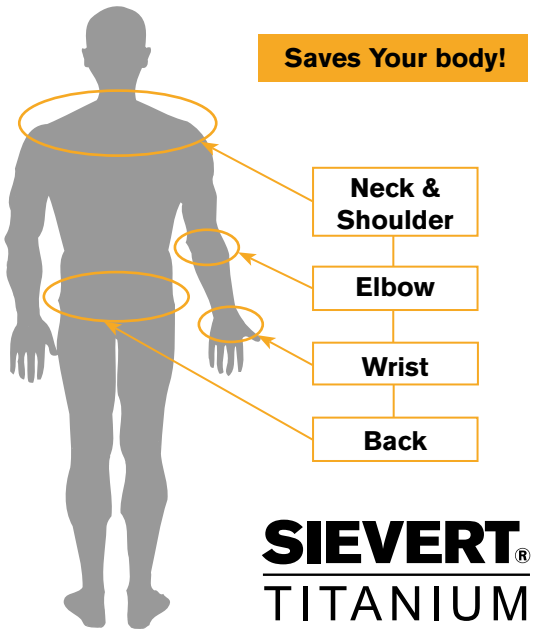
## A complete range of light weight roofing burners made of Titanium!

System R

Working long days in tough conditions require tools that are easy to handle and prevent state of exhaustion. Sievert Titanium torches are the most ergonomic roofing burners ever created.

The weight has been reduced with 60% compared to traditional roofing burners on the market. This will dramatically reduce the load on your body when working continuously for hours, days and months.

Save Your body, buy the new Titanium roofing burners today!




SIEVERT® TITANIUM

| Titanium kit no. | 356101 | 356201 | 356401 |
|---|---|---|---|
| Burner width, mm | 50 | 50 | 50 |
| Gas consumption, g/h at 4 bar | 6 700 | 6 700 | 6 700 |
| Effect, kW | 86 | 86 | 86 |
| Neck tube length, mm | 350 | 750 | 100 |

| Titanium kit no. | 356001 | 356501 | 356301 |
|---|---|---|---|
| Burner width, mm | 60 | 50 | 34 |
| Gas consumption, g/h at 4 bar | 8 250 | 6 700 | 2 000 |
| Effect, kW | 114 | 86 | 26 |
| Neck tube length, mm | 500 | 500 | 100 |

| Titanium kit no. | 346051 |
|---|---|
| Burner width, mm | 60 |
| Gas consumption, g/h at 4 bar | 8 250 |
| Effect, kW | 114 |
| Neck tube length, mm | 500 |

Complete torch kit including Pro 88 handle, 500 mm neck tube and 60 mm power burner made of Titanium, neck tube support and swivel hose nipple BSP 3/8"LH. For technical data see art no. 3560-01.

# 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 enabling close working to the material ▪ All burners are capable of using compressed air to increase power for welding and for quick and efficient drying ▪ Working pressure 2 and 4 bar

| Detail burner no. | 2981 |
|---|---|
| Burner width, cm | 8 |
| Gas Consumption, kg/h at 2 bar | 1,1 |
| 4 bar with compressed air | 1,8 |
| Effect at 2 bar, kW | 15 |
| Effect at 4 bar, kW | 25 |

With automatic ignition, supplied with 3488 handle, hose connection BSP 3/8"LH.

| Overlap burner no. | 298201 |
|---|---|
| Burner width, cm | 22 |
| Gas Consumption, kg/h at 2 bar | 2,2 |
| 4 bar with compressed air | 3,6 |
| Effect, kW at 2 bar | 30 |
| Effect, kW at 4 bar | 50 |

Delivered fully prepared for compressed air.

| Overlap burner no. | 2986 |
|---|---|
| Burner width, cm | 16 |
| Gas Consumption, kg/h at 2 bar | 1,1 |
| 4 bar with compressed air | 1,8 |
| Effect, kW at 2 bar | 15 |
| Effect, kW at 4 bar | 25 |

With lifting device for the bitumen felt. Hot-air directed obliquely under overlap. Supplied with 3488 handle, hose connection BSP 3/8"LH.

| Turboset no. | 717271 |
|---|---|

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

# Burners for paint stripping

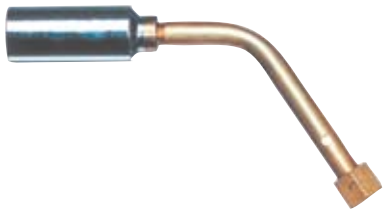
System ▪ Flat, wide, extremely windproof and powerful flame for paint stripping ▪ For direct connection to Sievert Pro handles ▪ Recommended work pressure 2 bar

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

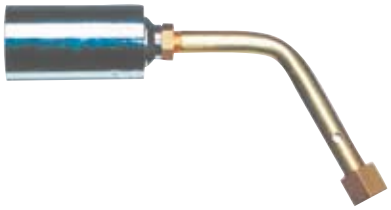
# Burners for cable work - heat shrinking

System R

▪ 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 is sucked in and this 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 ▪ Work pressure 2 bar



| Soft flame burner no. | 352890 |
|---|---|
| Burner diameter Ø, mm | 28 |
| Gas Consumption, g/h at 2 bar | 900 |
| Effect, kW | 11,3 |



| Soft flame burner no. | 352990 |
|---|---|
| Burner diameter Ø, mm | 38 |
| Gas Consumption, g/h at 2 bar | 1 200 |
| Effect, kW | 15 |

# Burners for sheet metal work

System R

▪ Soldering iron burner for sheet metal work ▪ Practical and sturdy design ▪ Supplied with windshield and burner designed to give excellent wind protection ▪ Supplied without copper bit ▪ Copper bits also for Pro 95 ▪ Work pressure 2 bar

| Soldering iron no. | 349241 |
|---|---|
| Gas Consumption, g/h at 2 bar | 260 |
| Effect, kW | 3,3 |
| Hose connection BSP 3/8”LH. | |

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

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

| Copper bit no. | 701630 | 701720 | 702070 |
|---|---|---|---|
| Weight, g | 300 | 500 | 380 |

# Powerjet

## The light weight and hand held torch system

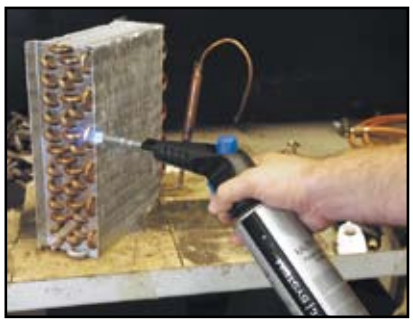
- **Automatic piezo ignition**
- **Trigger on/off function - no waste of LP gas**
- **Operates in all positions**
- **Wide range of quick changeable burners**
- **For refillable cylinders or disposable cartridges**
- **Ergonomic light weight composite handle**





System

G



Flexibility is the key word to describe the Powerjet series. The blowtorch provide everything the craftsman or discerning home handyman requires. Powerjet, with many unique features, is the most advanced gas torch for hard or soft soldering, heat-shrinking, heating and dismantling work.

Powerjet - Sievert´s lightweight and handheld torch system operates on pure propane or butane, a mixture of propane and butane, Ultragas - a high efficient anti flare mixture.

Powerjet has all the features and benefits a professional needs and more than that. No tool box should be without one!

**Heating Engineers**
- Plumbers for domestic and commercial water systems for pipe work up to 22mm.
- Gas installers for domestic and commercial gas installations for pipe work up to 22mm.

**Auto**
- Exhaust repairs, Loosening aluminium joints.
- Removing over tight or badly weathered nuts and bolts.
- Easy removal of window tinting, stickers, decals and stone guards with the Hot Air burner.
- Welding plastic bumpers and dashboards.
- Leather and vinyl repairs.
- Excellent for activating and deactivating adhesives.
- Cable shrinking and solder sleeves for installing/repairing and drying out electronics.

**Air Conditioning**
- Repairing refrigeration systems, and Air conditioning systems.

**Utility companies**
- Underground heat shrinking works, cable shrinking (Telecoms/Rail/Electrical).

**DIY**
- Soft soldering, Paint stripping, Lighting BBQ's.

## Powerjet Ultra 2335 ▪ Ultra power 2100°C

System G

▪ For Ultragas 2205 disposable cartridge ▪ The professional and light weight gas torch for brazing, soft soldering and other heating applications!

| Powerjet Ultra no. | 233511 |
|---|---|
| Working pressure | 2 bar |
| Cyclone burner (included) | 8706 |
| For Ultragas cartridge (included) | 2205 |

## Powerjet 2135 & 2193 ▪ High power 1925°C

System G

▪ For refillable cylinder 2000 or 2012 ▪ 2193 with 2 m hose and 700001 connection valve ▪ The professional gas torch for brazing, soft soldering and other heating applications!

| Powerjet no. | 2135 | 219301 |
|---|---|---|
| Working pressure | 2,5 bar | 2,5 bar |
| Cyclone burner (included) | 8706 | 8706 |
| For propane cylinder (not incl.) | 2000 | 2000 or 2012 |

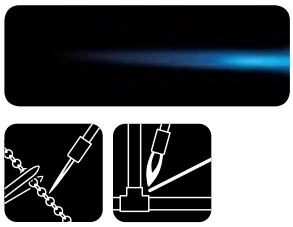
## Powerjet 2235 ▪ Soft power 1925°C

System G

▪ For Powergas 2204 disposable cartridge ▪ The blowtorch for Do-It-Yourself applications like soft soldering, loosening bolts, paintstripping, lighting the barbeque!

| Powerjet no. | 223511 |
|---|---|
| Working pressure | 1 bar |
| Standard burner (included) | 8704 |
| For Powergas cartridge (included) | 2204 |
| Can be used with burners 8702, 8704 and 8708. | |

## Pin-point burner 870201

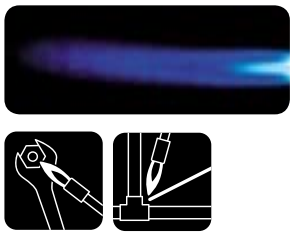


System G

- For small soft soldering jobs
- Gives a precise and stable flame

| Pin-point burner no. | 870201 |
|---|---|
| Burner diameter Ø, mm | 15 |
| Gas Consumption, g/h at 2 bar | 40 |
| Effect, kW at 2 bar | 0,5 |
| Soldering max pipe Ø, mm | 10 |

## Standard burner 870401

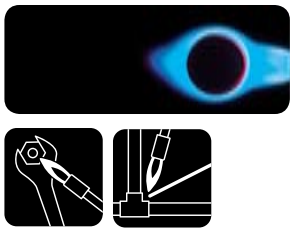


System G

- For soft soldering and other small heating jobs
- For soft soldering and other small heating jobs

| Standard burner no. | 870401 |
|---|---|
| Burner diameter Ø, mm | 16 |
| Gas Consumption, g/h at 2 bar | 90 |
| Effect, kW at 2 bar | 1,2 |
| Soldering max pipe Ø, mm | 18 |

## Cyclone burner 870601

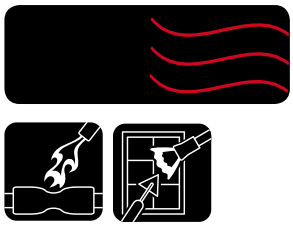


System G

- For brazing and soft soldering
- Intensive and effective short flame that reaches around the pipe

| Cyclone burner no. | 870601 |
|---|---|
| Burner diameter Ø, mm | 14 |
| Gas Consumption, g/h at 2 bar | 170 |
| Effect, kW at 2 bar | 2,2 |
| Soldering max pipe Ø, mm | 40 |
| Brazing max pipe Ø, mm | 16 |

## Hot-air burners 870801



System G

- For shrinking and paint stripping
- Powerful and wind stable hot-air stream

| Hot-air burner no. | 870801 |
|---|---|
| Burner diameter Ø, mm | 38 |
| Gas Consumption, g/h at 2 bar | 130 |
| Effect, kW at 2 bar | 1,7 |

## Soft flame burners 871001

System G

- For shrinking and heating jobs
- Powerful and wind stable soft flame

| Soft flame burner no. | 871001 |
|---|---|
| Burner diameter Ø, mm | 24 |
| Gas Consumption, g/h at 2 bar | 230 |
| Effect, kW at 2 bar | 3,5 |
| Soldering max pipe Ø, mm | 22 |

# Handyjet & Jet

## Blowtorches for disposable cartridges

- **Frequently used by professionals and Do-It-Yourself**
- **For soft soldering, small brazing, paint stripping and other heating applications**

| Blowtorch no. | 229301 |
|---|---|
| Burner diameter Ø, mm | 17 |
| Pressure, bar | 3 |
| Gas Consumption, g/h | 180 |
| Effect, kW | 2,3 |
| Soft soldering max. Ø, mm | 28 |
| Brazing max. Ø, mm | 12 |
| Length, mm | 170 |
| Height (with cartridge), mm | 155 |
| Weight (without cartridge), g | 150 |
| Powergas cartridge | 220383 |

| Blowtorch no. | 229401 |
|---|---|
| Burner diameter Ø, mm | 17 |
| Pressure, bar | 3 |
| Gas Consumption, g/h | 180 |
| Effect, kW | 2,3 |
| Soft soldering max. Ø, mm | 28 |
| Brazing max. Ø, mm | 12 |
| Length, mm | 250 |
| Height (with cartridge), mm | 170 |
| Weight (without cartridge), g | 215 |
| Powergas cartridge | 220383 |

## Accessories

Pin-point burner
884401

Flat flame burner
884601

Copper bit
884301

# Gardener



## Heat away the weeds

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

| Gardener no. | 223001 |
|---|---|
| Gas Consumption, g/h | 300 |
| Length, mm | 770 |
| Weight, g | 750 |
| Hose length, cm | |

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.

Gardener.

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.

Weed.

Heat it.

2-3 days later.

# Refillable cylinders & Disposable cartridges

## Refillable LP gas cylinder 2000 & 2012

▪ Manufactured in high quality steel, treated with corrosion protection and durable varnish on the outside ▪ Fitted with self closing connecting valves with integrated safety valves

| Gas cylinder no. | 2000 | 2012 |
|---|---|---|
| Height, cm | 28 | 22 |
| Cylinder Ø, cm | 8 | 21,5 |
| Contain, kg | 0,34 | 2,0 |
| Total weight, kg | 1,2 | 5,7 |

## Ultragas 2100°C

- High efficient gas with built-in anti flare function
- Disposable cartridges 2205 with self closing valve
- Contains a gas mixture of propane, butane, propene and acetone

| Ultragas no. | 220583 |
|---|---|
| Weight, g | 337 |
| Content, g | 210 |
| Content, ml | 380 |

## Powergas 1925°C

- Disposable cartridges 2203 and 2204 with self closing valve
- Contains a gas mixture of 35% propane and 65% butane

| Powergas no. | 220383 | 220483 |
|---|---|---|
| Weight, g | 257 | 450 |
| Content, g | 175 | 336 |
| Content, ml | 300 | 600 |

## Powergas 1925°C

- Piercable cartridges 2210 without valve
- Contains 100% butane

| Powergas no. | 221093 |
|---|---|
| Weight, g | 280 |
| Content, g | 190 |
| Content, ml | 350 |

# Accessories

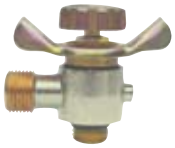


**Hose holder no.** 717031

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

**Suspension hook no.** 884104

Suspension and carrying hook, practical accessory for cylinder 2000, 2004 and 3960.



**Valve no.** 700001

Regulator valve and adaptor M14-1,5 / BSP 3/8"LH. Horizontal outlet, convenient swivel connection.

**Adaptor no.** 720740

Adaptor for connecting POL regulator to valve 700001. Threads - POL / BSP 3/8"LH.

**Adaptor no.** 769200

Adaptor POL / DIN Kombi and Shell.

**Gas leak detector no.** 353001

Leak detector for refrigeration gases. To be used with refillable cylinder 2000.

**Cleaning cloth no.** 416061

For cleaning before and after soldering. Size 21x15cm.

**Solder mat no.** 415061

For wall and floor protetion when soldering. Saves heat and time. Asbestos free. For temperatures up to 760°C.
Size 25x25cm.

**Cylinder trolley no.** 730470

With rubber wheels. Including nylon strap.

# 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?

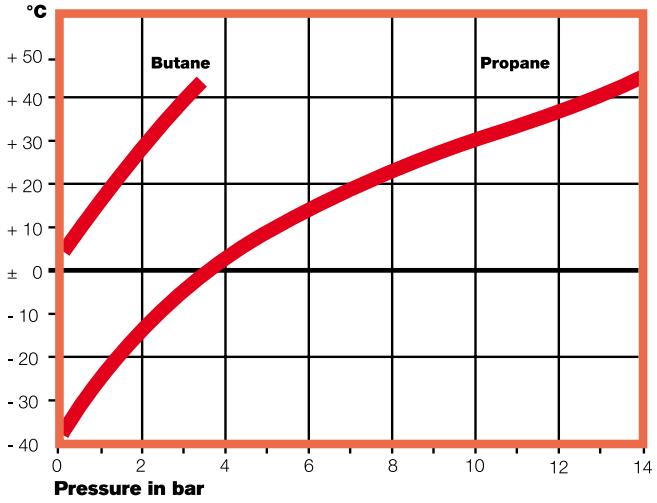
Certain Pro 86/88 burners, such as cyclone burners and most Promatic burners, require a steady pressure of 2 bar in order to perform well. Other burners can also operate under higher pressures but it is still an advantage to reduce the pressure from the propane cylinder. The advantage is that the pressure 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

| POL | BSP | Italian | DIN-Kombi | Shell |
|---|---|---|---|---|
| 0.88"-14NGO | 3/8"LH | W20.0-14LH | W21.8-14LH | W21.8-14LH |

## Hose failure valves

With convenient swivelling angled connection.

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

## Regulators with fixed pressure

| Regulator no. | Connection | Pressure | Max. Capacity |
|---|---|---|---|
| 309121 | POL | 2 bar | 6 kg/h |
| 309122 | BSP 3/8"LH | 2 bar | 6 kg/h |
| 309124 | Italian | 2 bar | 6 kg/h |
| 309129 | Shell | 2 bar | 6 kg/h |
| 309162 | BSP 3/8"LH | 1,5 bar | 3,5 kg/h |
| 309165 | DIN Kombi | 1,5 bar | 3,5 kg/h |
| 309175 | DIN Kombi | 2 bar | 6 kg/h |
| 309195 | DIN Kombi | 4 bar | 20 kg/h |
| With hose failure valve | | | |
| 309215 | DIN Kombi | 1,5 bar | 3,1 kg/h |
| 309221 | POL | 2 bar | 4 kg/h |
| 309222 | BSP 3/8"LH | 2 bar | 4 kg/h |
| 309225 | DIN Kombi | 2 bar | 4 kg/h |
| 309229 | Shell | 2 bar | 4 kg/h |
| 309281 | POL | 3 bar | 5,2 kg/h |
| 309345 | DIN Kombi | 4 bar | 12 kg/h |
| 309399 | Shell | 4 bar | 12 kg/h |
| With hose failure valve and leak test system | | | |
| 309971 | POL | 2 bar | 1,7 kg/h |

## Regulators with adjustable pressure

| Regulator no. | Connection | Pressure | Max. Capacity |
|---|---|---|---|
| 306111 | POL | 1-4 bar | 5-20 kg/h |
| 306112 | BSP 3/8"LH | 1-4 bar | 5-20 kg/h |
| 306115 | DIN Kombi | 1-4 bar | 5-20 kg/h |
| 306119 | Shell | 1-4 bar | 5-20 kg/h |
| With hose failure valve | | | |
| 306311 | POL | 1-4 bar | 5-12 kg/h |
| 306312 | BSP 3/8"LH | 1-4 bar | 5-12 kg/h |
| 306314 | Italian | 1-4 bar | 5-12 kg/h |
| 306315 | DIN Kombi | 1-4 bar | 5-12 kg/h |
| 306319 | Shell | 1-4 bar | 5-12 kg/h |
| With hose failure valve and leak test system | | | |
| 306961 | POL | 1-4 bar | 1-2,3 kg/h |
| 306962 | BSP 3/8"LH | 1-4 bar | 1-2,3 kg/h |
| With manometer | | | |
| 308111 | POL | 1-4 bar | 5-20 kg/h |
| 308115 | DIN Kombi | 1-4 bar | 5-20 kg/h |
| With manometer and hose failure valve | | | |
| 308311 | POL | 1-4 bar | 5-12 kg/h |
| 308315 | DIN Kombi | 1-4 bar | 5-12 kg/h |
| Manometer | | | |
| 720730 | For 3061, 3063, 3081 and 3083 | | |

# Hoses & Accessories

Sievert high pressure hoses are approved to the EN 559. 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.

## Hose nipples - fixed

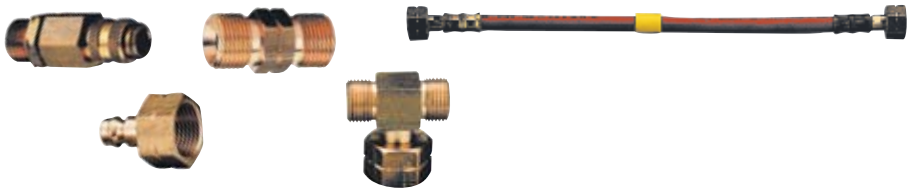
| Hose nipple no. | 709621 | 709180 | 708971 | 717000 | 717020 |
|---|---|---|---|---|---|
| Thread | BSP 3/8"LH | BSP 3/8"LH | M14x1 | Shell | POL |
| Inside hose Ø, mm | 5 | 5 and 8 | 5 and 8 | 5 and 8 | 5 and 8 |

## Hose nipples - swivel

| Hose nipple no. | 722001 | 717331 | 715161 |
|---|---|---|---|
| Thread | BSP 3/8"LH | BSP 3/8"LH | M14x1 |
| 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 |



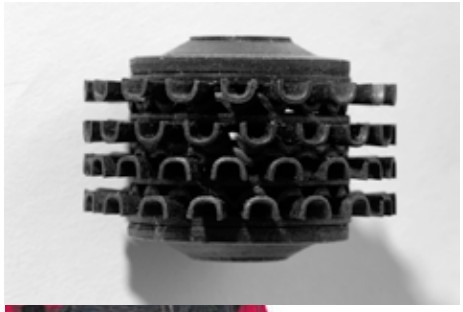
## Propane hoses - diameter 5 mm EN 559

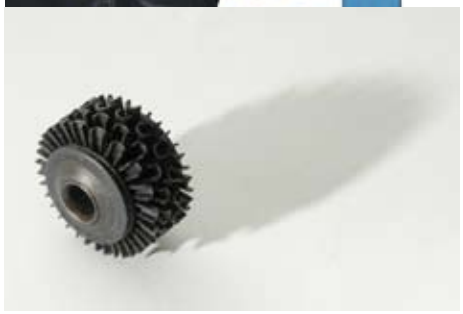
| Propane hose no. | Connections Fixed | Length, m |
|---|---|---|
| 717321 | BSP 3/8"LH / BSP 3/8"LH | 2 |
| 717341 | BSP 3/8"LH / BSP 3/8"LH | 4 |
| 717431 | BSP 3/8"LH / BSP 3/8"LH | 10 |
| 701501 | BSP 3/8"LH / M14x1 | 2 |
| 701291 | BSP 3/8"LH / M14x1 | 4 |

# Grinding Wheel Dressers

## Reconditioning grinding wheels







### 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 a 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 |

SIEVERT®

# TW 5000

## Electric hot-air automatic welding machine

- **Four wheel drive and belt system assures wrinkle free welding**
- **Adjustable front wheels for easy operation at different angles**
- **Powerful motor and efficient drive system allows climbing ability up to 30°**
- **Powerful fan for high speed welding**
- **Separate free rolling wheels for easy transport**
- **Easy to operate display unit**
- **Runs on 230 V**
- **Sievert authorised service and repair centres are available throughout the world for you local market**





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 membranes such as plastic, rubber and modified bitumen.

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

## Electric hot-air automatic welding machine TW 5000

### Model STW 5000

- Overlap welding of pvc and similar roofing membranes
- For welding seams 40-55 mm

### Model STW 5000 BIT

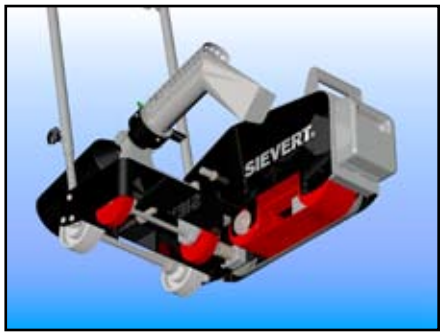
- Overlap welding of modified bitumen and similar roofing membranes
- For welding seams 80-120 mm

Both models are delivered in a sturdy steel transport box.

## Electric hot-air automatic welding machine

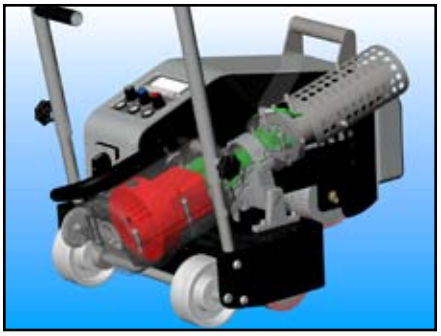
▪ Adjustable handle made of sturdy steel ▪ Separate free rolling wheels for easy transport ▪ Adjustable front wheels to avoid sliding when welding at angles on tilting roofs ▪ Belt and wheels made of silicon rubber ▪ Powerful 4-wheel drive system ▪ Specially designed nozzle and heat protection cover in stainless steel ▪ Two independent pressure wheels ▪ Equipped with two lifting handles ▪ Removable additional weights ▪ Digital display showing temperature, speed and incoming voltage ▪ Display lamps indicate operation status of the machine ▪ Fully adjustable speed, temperature and air flow ▪ Built-in temperature sensors ▪ Automatic start/stop sensor when the hot-air nozzle is engaged/disengaged ▪ All electronics are sealed with high degree coating for maximum humidity protection ▪ All electronics are made in accordance to highest industrial standard


## The most versatile hot-air welding machine on the market!



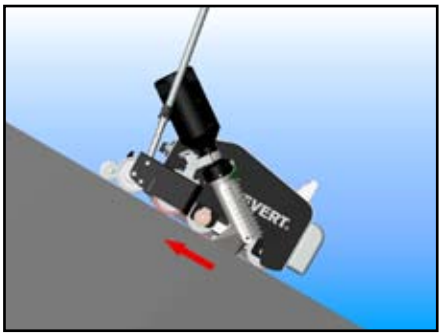

### Unique 4-wheel drive

Unique 4-wheel drive and belt system assures wrinkle free welding on thin membranes.



### Powerful fan

Powerful fan provides high speed welding and the ability to weld wide seams.

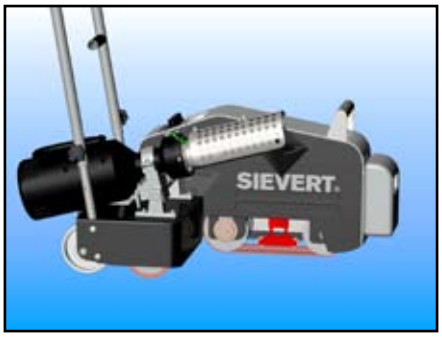


### Climbing ability

Climbing ability up to 30° without sliding and wrinkling the material.

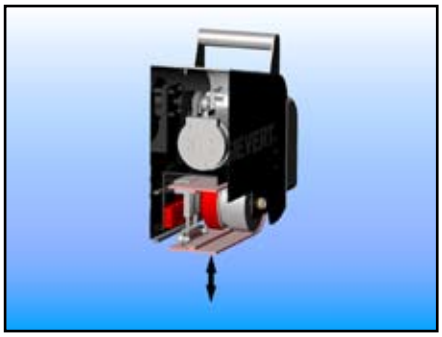

### Adjustable front wheels

Adjustable front wheels to avoid sliding when welding at angles on tilting roofs.




### Air blocker

Air blocker to prevent the heat passing through and under the membrane. Keeps the heat on the welding seam, enables faster welding speed.



### Independent pressure wheels

Two independent pressure wheels give a perfect and uniform thick-ness of the seam when welding a mechanical fastened membrane.

## Technical data

| 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 | | |

## Models Sievert TW 5000 (including transport box)

| TW 5000 no. | 299001 | 299005 | **299047** | 299101 | **299147** |
|---|---|---|---|---|---|
| ▪ Voltage | 400 V ~ | 220-230 V ~ | **220-230 V ~** | 400 V ~ | **220-230 V ~** |
| ▪ Power | 6300 W | 5000 W | **6300 W** | 6300 W | **6300 W** |
| ▪ Ampere | 16 A | 16 A | **32 A** | 16 A | **32 A** |
| ▪ Frequency | 50/60 Hz | 50/60 Hz | **50/60 Hz** | 50/60 Hz | **50/60 Hz** |
| ▪ Nozzle width | 55 mm | 55 mm | **55 mm** | 90 mm | **90 mm** |
| ▪ Width of welding seam | 40-55 mm | 40-55 mm | **40-55 mm** | 80-120 mm | **80-120 mm** |

## Accessories

| Accessories | Art no. |
|---|---|
| ▪ Replacement kit for 40-55 mm welding seams | 7990-05 |
| ▪ Replacement kit for 80-120 mm welding seams | 7991-05 |
| ▪ Heating element 400 V~, 6300 W for 2990-01/2991-01 | 7990-01 |
| ▪ Heating element 230 V~, 5000 W for 2990-05 | 7990-07 |
| ▪ Heating element 230 V~, 6300 W for 2990-47/2991-47 | 7990-47 |
| ▪ Welding nozzle, 55 mm, for welding seams 40-55 mm | 7990-30 |
| ▪ Welding nozzle, 70 mm, for welding seams 55-80 mm | 7990-35 |
| ▪ Welding nozzle, 90 mm, for welding seams 80-120 mm | 7991-30 |
| ▪ Additional weight 4 kg for adding pressure when welding special demanding material | 2993-01 |
| ▪ Sturdy steel transport box with exterior lifting handles and interior hooks and straps | 7990-70 |
| ▪ Cleaning brush with brass wire for maintenance and cleaning of welding nozzle | 7990-80 |
| ▪ Armoured lead. 230v 25m Armoured Extension cable for the TW5000 Hot air welding machine (32A plugs/sockets fitted) | STWLEAD |
| ▪ RCD breaker. 230v Armoured circuit breaker with volt meter and reset button fitted with a 32A plug. For use with the TW5000/STWLEAD. | STWRCD |

SIEVERT®

# TH 1650 & TH 1750

## Electric hot-air welding tools

- **Separate controls for maximum temperature and airflow**
- **Brushless motor with lifetime warranty**
- **TH 1650 with ergonomic easy to grip handle**
- **TH 1750 with integrated red LED temperature display**
- **Sievert authorised service and repair centres are available throughout the world for you local market**

The Sievert electric hot-air welding tools have been specially designed for completing the toughest roofing jobs with precision and ease. The TH 1750 features the IntelliTemp Airflow Control System™ that constantly monitors output and adjusts airflow as required to maintain an accurate temperature. The TH 1650 revolutionary ergonomic design makes the welder lightweight and easy to handle.

The Sievert electric hot-air welding tools are professional products designed for professionals!

## Electric hot-air welding tool TH 1650

▪ Variable airflow and temperature for perfect welds every time ▪ Rubber bumper and impact resistant housing prevents the tool from rolling on the roof and also extends the tools life ▪ Light weight and comfortable to use due to small diameter handle ▪ 2,5 m field changeable power cord with rubber construction for safety ▪ Easy to replace heating element ▪ Brushless motor with lifetime warranty

## Electric hot-air welding tool TH 1750

▪ Separate controls for airflow and temperature settings ▪ DC brushless motor ▪ A patented ceramic encapsulated element with microchip technology ▪ Integrated red LED temperature display

| Welding tool no. | TH 1650 | TH 1750 |
|---|---|---|
| Voltage | 110 V ~ | 110 V ~ |
| Power | 1650 W | 1750 W |
| Frequency | 50 Hz | 50 Hz |
| Temperature | 50°C - 600°C | 25°C-600°C |
| Air flow | 450 l/m | 600 l/m |
| Air pressure | 3000 Pa | 3000 Pa |
| Outlet tube Ø | 40 mm | 40 mm |
| Cable length | 2,5 metre | 2,5 metre |
| Length | 375 mm | 370 mm |
| Weight | 750 grams | 1115 grams |
| Declaration of conformity | CE | CE |

Both models are available in 110V and 230V.

## Nozzles in stainless steel

| Nozzle no. | 297305 | 297320 | 297340 |
|---|---|---|---|
| Description | Reduction | Angle slit | Angle slit |
| Dimension | 5 mm | 20x2 mm | 40x2 mm |

## Silicon pressure rollers

| Roller no. | 297428 | 297440 |
|---|---|---|
| Dimension | 28x34 mm | 45x34 mm |

## Steel roller

| Roller no. | 297405 |
|---|---|
| Dimension | 6x50 mm |

## Seam test tool

| Seam test tool no. | 297410 |
|---|---|

# LP gas information

## Lister Gas PRO 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 technical data



## 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 that those used indoors.

## LP gas and storage

**LP gas is not affected by long storage periods.**
**Always disconnect equipment form 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 | $C_4H_{10}$ | $C_3H_8$ |
| Density at 15°C | Heavier than air | Heavier than air |
| As gas | 2.40 kg/m$^3$ | 1.85 kg/m$^3$ |
| As liquide | 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<br>12.6 kWh/kg | 50.4 MJ/kg<br>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 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 on hour for burners requiring 2 bar pressure. Conditions for this example are the following: gas – propane, cylinder size 11 kg, continous 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 | Temperture |
|---|---|
| Lead | 327°C |
| Zinc | 419°C |
| Aluminium | 658°C |
| Silver | 961°C |
| Gold | 1063°C |
| Copper | 1084°C |

# Promatic Combination chart

SIEVERT®

## Soldering and brazing

Cyclone burners for soft soldering and brazing


334001


333501


333601

Burners for soft soldering


333301


334301


334401

## Paint stripping

Flat flame burner


334501

Hot-air burners


334990


333401

## Cable work

Soft flame burners


334791


334191


334891

Hot-air burners


335990


334990


333401

Soldering burner


335991

## Roofing work

Power burners


335002


335602


335102


335302

Hot-air burners


333401


335890

## Sheet metal work


700300


700350


700500


700400


700800


700353
Longlife


700550
Longlife


336601

## Propane hoses

Ø 5mm

**Regulator connection: BSP 3/8”LH**


700001

2000 2012

**Regulator connection: Shell, POL, DIN Kombi, Italian**

Large cylinder

# Pro 88/86 Combination chart

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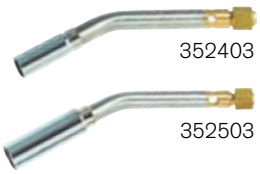
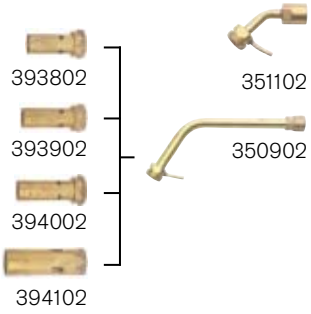
## Soldering and brazing

Cyclone burners for soft soldering and brazing




Burners for soft soldering and jewellry work

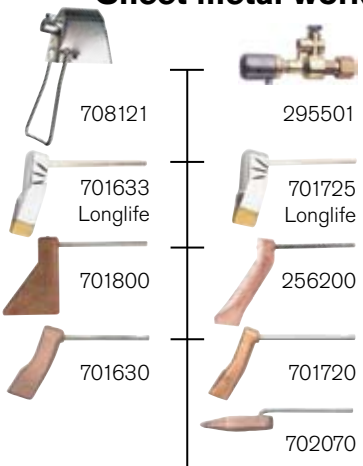

## Paint stripping

Flat flame burner

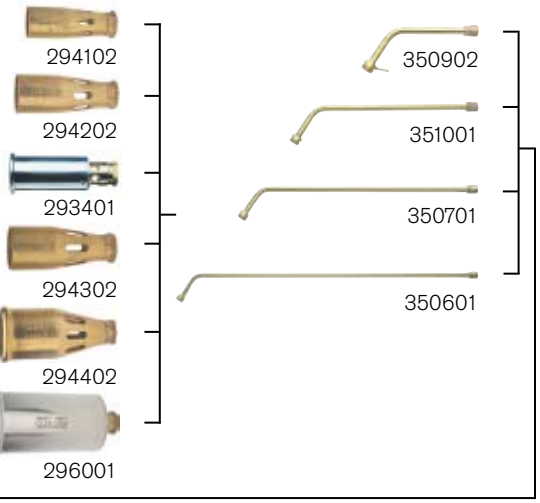

## Cable work

Soft flame burners

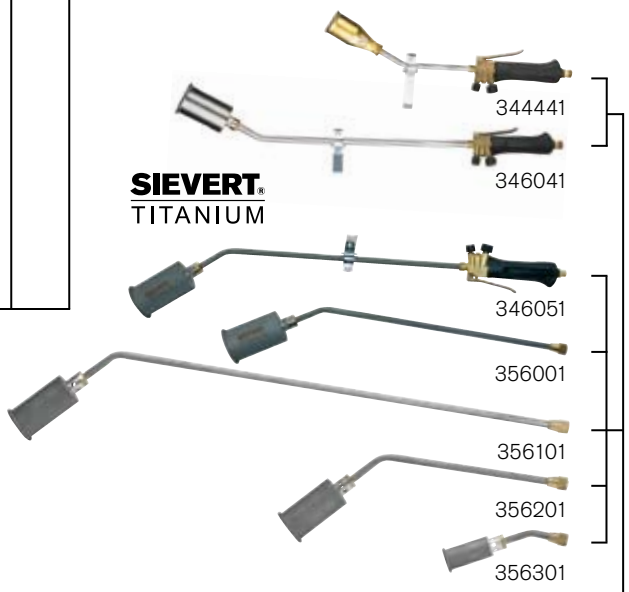

## Sheet metal work




## Roofing work




## Burner kits with Pro 88 handle





## Propane hoses

Ø 5mm

**Regulator connection: BSP 3/8”LH**



**Regulator connection: Shell, POL, DIN Kombi, Italian**

Large cylinder

# Search Index

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# Search Index

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