
LEISTER







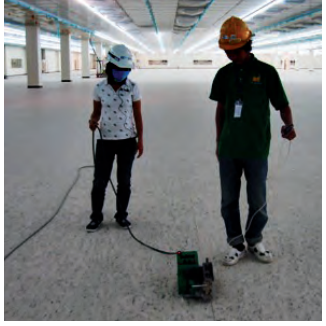
**Flooring**


UNIFLOOR E/S 88
GROOVER 89






Perfectly stowed away in the provided plastic case.



Immaculate weld seams with the UNIFLOOR E.

**Hot air welding machine**

## UNIFLOOR E / UNIFLOOR S

With UNIFLOOR E you can weld floor coverings made of PVC-P, PE, linoleum and modified thermoplastics, without any reconfiguration, up to 7.5 meters per minute. It is reliable, technically perfect and easy to handle.

- Reproducible results thanks to digital display of set and actual values
- Electronically controlled heating
- Steplessly controlled air flow (only UNIFLOOR E)
- All floor coverings welded without reconfiguration
- Automatic start
- Integrated wall switch

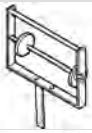
**Technical Data**

| | | |
|---|---|---|
| Voltage | V~ | 230 |
| Power | W | 2300 |
| Frequency | Hz | 50 / 60 |
| Temperature | °C | 20 – 620 |
| Speed | m/min | 1.0 – 7.5 |
| Air flow range | % | 50 – 100 |
| Size (L × B × H) | mm | 420 × 270 × 215 |
| Weight | kg | 11.0 (with 3 m cord) |
| Marking of conformity | | CE |
| Approval mark | | GS |
| Certification scheme | | CCA |
| Protection class I | | ⏚ |

**Article No.**

| | |
|---|---|
| 138.493 | UNIFLOOR E 230V including rod de-reeler, nozzle squeezed (PVC and PUR), with Euro plug |
| 114.226 | UNIFLOOR E 230V, with Euro plug |
| 138.494 | UNIFLOOR S 230V including rod de-reeler, nozzle squeezed (PVC and PUR), with Euro plug |
| 115.032 | UNIFLOOR S 230V, with Euro plug |

## Accessories UNIFLOOR E

| | | |
|---|---|---|
| **115.054** |  | Welding rod de-reeler |
| **115.057** |  | Trolley attachment |
| **114.224**<br>**115.342**<br>**103.394** |  | Floor welding nozzle, optimised for PVC material<br>Floor welding nozzle, for PVC + PUR material<br>Floor welding nozzle air-knife, optimised for PUR material |
| **103.604** |  | Heating element, 230 V / 2100 W |
| **126.448** |  | Sturdy storage case* 605 x 486 x 312 mm multi-layer plate, green<br>* included in delivery |





Strong drive suitable for PVC, PUR and linoleum materials.

**Grooving machine**

## GROOVER

The grooving machine GROOVER cuts welding grooves into thick, tough floor coverings made of PVC-P, PE and linoleum. The tool glides on three rollers and cuts a uniform grooving depth, even at high speeds.

- Groove cutting of all types of floor coverings
- Very high rotational cutting speed at two levels
- Adjustable guide roller for tracking accuracy
- Particle and dust-free working with an additional fan and dust bag
- Milling close to the edge possible

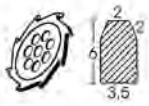
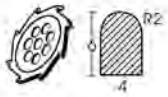
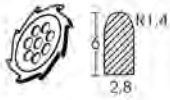
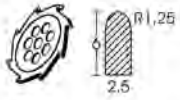
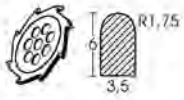
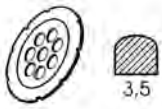
### Technical Data

| | | |
|---|---|---|
| Voltage | V~ | 230 |
| Power | W | 350 / 700 (2 levels) |
| Frequency | Hz | 50 / 60 |
| Speed | $min^{-1}$ | Level 1: 14500 (350 W)<br>Level 2: 18500 (700 W) |
| Groove depth adjustment | mm | 0 – 4 |
| Size (L × B × H) | mm | 240 × 205 × 255 |
| Weight | kg | 6.7<br>(with 3 m cord and ejector pipe) |
| Marking of conformity | | CE |
| Approval mark | | GS |
| Certification scheme | | CCA |
| Protection class II | | ⧈ |

### Article No.

| | |
|---|---|
| 108.393 | Groover 230V, tungsten carbide tipped blade ∅ 110 x 3.5mm, trapezium profile , with Euro plug |
| 111.032 | Groover 230V, tungsten carbide tipped blade ∅ 110 x 3.5mm, round profile, with Euro plug |
| 108.397 | Groover 120V, with UK plug yellow |

## Accessories GROOVER

| | | |
|---|---|---|
| **102.401** |  | Tungsten carbide tipped blade<br>∅ 110 × 3.5 mm, trapezium profile |
| **102.402** |  | Tungsten carbide tipped blade<br>∅ 110 × 4 mm, round profile |
| **102.403** |  | Tungsten carbide tipped blade<br>∅ 110 × 2.8 mm, round profile |
| **102.404** |  | Tungsten carbide tipped blade<br>∅ 110 × 2.5 mm, round profile |
| **102.405** |  | Tungsten carbide tipped blader<br>∅ 110 × 3.5 mm, round profile |
| **102.406** |  | Diamond cutting blade<br>∅ 110 × 3.5 mm, semi-round profile |
| **126.448** |  | Sturdy storage case*<br>605 x 486 x 312 mm<br>multi-layer plate, green<br>* included in delivery |

Flooring



Hand tool

## TRIAC PID

Closed loop control of temperature and monitoring of functions thanks to micro processor. The popular hand tool for top quality results.

- Reproducible results thanks to digital display of set and actual values of temperature.
- Constant temperature independent of voltage fluctuations and environmental conditions.
- Adaptor tube with heat protection
- Electronic protection of heating element
- Motor shut-off at minimal carbon level

**Technical Data**

| | | |
|---|---|---|
| Voltage | V~ | 230 /120 |
| Power | W | 1600 |
| Frequency | Hz | 50 / 60 |
| Temperature | °C | 50 – 600 |
| Size (L × ∅) | mm | 340 × 90, handle ∅ 56 |
| Weight | kg | 1.1 (without 3 m cord) |
| Marking of conformity | | CE |
| Approval Mark | | GS |
| Certification Scheme | | CCA |
| Protection Class II | | ⧈ |

**Artikel-Nr.**

| | |
|---|---|
| 100.741 | TRIAC PID 230V / 1600W for snap-fit nozzles with Euro plug |
| 100.742 | TRIAC PID 230V / 1600W for screw-on nozzles with Euro plug |
| 111.165 | TRIAC PID 120V / 1600W for snap-fit nozzles with UK plug |



Hand tool

## TRIAC S

The reliable, cost-effective and proven hand tool with stepless adjustment of temperature range.

- Adaptor tube with heat protection
- Electronic protection of heating element
- Motor shut-off at minimal carbon level
- Multiple replacement of carbon brushes possible
- Suitable for continuous operation

**Technical Data**

| | | |
|---|---|---|
| Voltage | V~ | 230 |
| Power | W | 1600 |
| Frequency | Hz | 50 / 60 |
| Temperature | °C | 20 – 700 |
| Size (L × ∅) | mm | 340 × 90, handle ∅ 56 |
| Weight | kg | 1.1 (without 3 m cord) |
| Marking of conformity | | CE |
| Approval Mark | | GS |
| Certification Scheme | | CCA |
| Protection Class II | | ⧈ |

**Artikel-Nr.**

| | |
|---|---|
| 100.705 | TRIAC S 230V / 1600W for snap-fit nozzles with Euro plug |
| 100.706 | TRIAC S 230V / 1600W for screw-on nozzles with Euro plug |
| 100.709 | TRIAC S 230V / 1600W for snap-fit nozzles with Australian plug |
| 112.230 | TRIAC S 230V / 1600W for snap-fit nozzles with UK plug black |
| 109.987 | TRIAC S 120V / 1600W for snap-fit nozzles with UK plug yellow |



Working with the reliable TRIAC, the specialist produces perfect welding results.



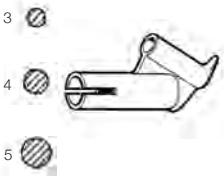
Welding of the connectors with TRIAC PID and push-fit wide slot nozzle.



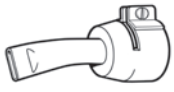
The handy transport box provides ample room for the required equipment.

# Accessories TRIAC PID / TRIAC S

## Roofing

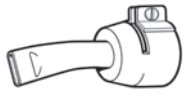
| | | |
|---|---|---|
| **107.124** |  | Angled nozzle 20 mm, 90°, push-fit |
| **107.125** | | Angled nozzle 20 mm, 60°, push-fit |
| **107.132**<br>**107.130**<br>**107.133**<br>**128.535** |  | Wide slot nozzle, push-fit,<br>40 mm<br>40 mm, 60° bent<br>40 mm, perforated<br>30 mm, 45° bent |
| **107.129** |  | Wide slot nozzle 60 mm for bitumen, push-fit |
| **107.131** | | Wide slot nozzle 80 mm, push-fit |
| **107.123** |  | Wide slot nozzle 20 mm, push-fit |
| **100.303** |  | Tubular nozzle ∅ 5 mm, push-fit<br>Version extra strong |
| **105.578** | | |
| **106.989** |  | Speed weld nozzle 3 mm, push-fit on tubular nozzle ∅ 5 mm |
| **106.990** | | Speed weld nozzle 4 mm, push-fit on tubular nozzle ∅ 5 mm |
| **106.991** | | Speed weld nozzle 5 mm, push-fit on tubular nozzle ∅ 5 mm |
| **100.296** |  | Heating element, 230 V, 1550 W, for TRIAC PID |
| **100.689** | | Heating element, 230 V, 1550 W, for TRIAC S |

## Billboards / Tarpaulins

| | | |
|---|---|---|
| **107.123** |  | Wide slot nozzle 20 mm, angled, push-fit |
| **105.487** | | Wide slot nozzle 20 mm, bent and angled, push-fit |

| | | |
|---|---|---|
| **107.132**<br>**107.130**<br>**107.133**<br>**128.535** |  | Wide slot nozzle, push-fit<br>40 mm<br>40 mm, 60° bent<br>40 mm, perforated<br>30 mm, 45° bent |
| **107.124** |  | Angled nozzle 20 mm, 90°, push-fit |
| **107.125** | | Angled nozzle 20 mm, 60°, push-fit |
| **105.492** |  | Wide slot nozzle 20 mm, straight jaw , 120° bent at right angle |
| **100.296** |  | Heating element, 230 V, 1550 W, for TRIAC PID |
| **100.689** | | Heating element, 230 V, 1550 W, for TRIAC S |

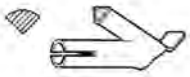
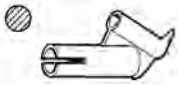
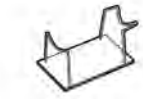
## Civil Engineering / Tunnel / Landfill sites

| | | |
|---|---|---|
| **107.123** |  | Wide slot nozzle 20 mm, push-fit |
| **107.132** |  | Wide slot nozzle 40 mm, push-fit |
| **107.135** |  | Wide slot nozzle 40 mm, PTFE-coated, push-fit |
| **100.296** |  | Heating element, 230 V / 1550 W, for TRIAC PID |
| **100.650** | | Heating element, 120 V / 1600 W, for TRIAC PID |
| **100.689** | | Heating element, 230 V / 1550 W, for TRIAC S |
| **100.702** | | Heating element, 120 V / 1550 W, for TRIAC S |

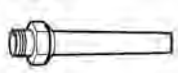
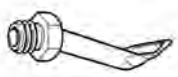


The professional Handtool for work on the roof.

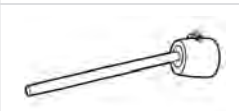
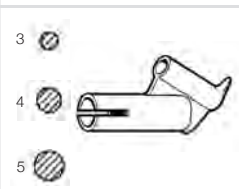
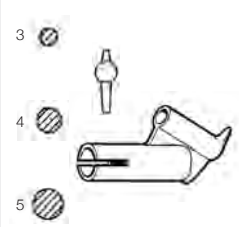
## Apparatus and container construction (with push-fit nozzle)

| | | |
|---|---|---|
| **100.303** |  | Tubular nozzle ∅ 5 mm, for versions with nozzles, push-fit |
| **105.578** | | Version extra-strong |
| |  | Speed weld nozzle, push-fit on tubular nozzle ∅ 5 mm |
| **106.992** | | 5.7 mm, profile A |
| **106.993** | | 7 mm, profile B |
| |  | |
| **106.989** | | 3 mm |
| **106.990** | | 4 mm |
| **106.991** | | 5 mm |
| **106.996** |  | Tacking nozzle, push-fit on tubular nozzle ∅ 5 mm |
| **107.348** |  | Device rest |
| **107.344** |  | Welding mirror 135 mm, push-fit |
| **100.296** |  | Heating element, 230 V, 1550 W, for TRIAC PID |
| **100.689** | | Heating element, 230 V, 1550 W, for TRIAC S |

## Apparatus and container construction (with screw-on nozzle)

| | | |
|---|---|---|
| **105.622** |  | Tubular nozzle, ∅ 5 mm, screw-on |
| **106.988** |  | Tacking nozzle, screw-on |
| **113.666** |  | drawing nozzle, ∅ 3 mm |
| **113.399** | | drawing nozzle, ∅ 4 mm, with tacking tip, screw-on |
| **113.876** | | drawing nozzle, ∅ 3 mm |
| **113.874** | | drawing nozzle, ∅ 4 mm, without tacking tip, screw-on |
| **113.670** |  | drawing nozzle triangular shaped, with tacking tip, screw-on, 90 – 5.7 mm |
| **113.877** | | drawing nozzle triangular shaped, without tacking tip, screw-on 5.7 mm, profile A |
| **106.986** |  | 7 mm, profile B |
| **106.987** | | 7 x 5.5 mm |
| **126.552** |  | drawing nozzle ∅ 4 mm, screw-on for fluor plastics |

## Floors / Interior Design

| | | |
|---|---|---|
| **100.303** |  | Tubular nozzle ∅ 5 mm, for versions with nozzles, push-fit |
| **105.578** | | Version extra-strong |
| **106.982** |  | Extension nozzle ∅ 5 mm, 150 mm |
| **106.989** |  | Speed weld nozzle 3 mm, push-fit on Tubular nozzle ∅ 5 mm |
| **106.990** | | Speed weld nozzle 4 mm, push-fit on Tubular nozzle ∅ 5 mm |
| **106.991** | | Speed weld nozzle 5 mm, push-fit on Tubular nozzle ∅ 5 mm |
| **105.431** |  | Speed weld nozzle 3 mm, with small air-slide, push-fit on Tubular nozzle ∅ 5 mm |
| **105.432** | | Speed weld nozzle 4 mm, with small air-slide, push-fit on Tubular nozzle ∅ 5 mm |
| **105.433** | | Speed weld nozzle 5 mm, with small air-slide, push-fit on Tubular nozzle ∅ 5 mm |
| **107.139** |  | Speed weld nozzle 4.5 × 12 mm for fillet weld, push-fit on Tubular nozzle ∅ 5 mm |



The TRIAC S hand welding tool, used for welding linoleum, equipped with a speed weld nozzle.



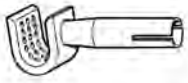
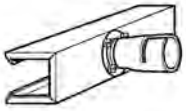
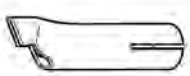
TRIAC PID: monitoring of welding temperature for top quality.

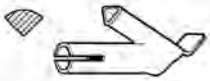


Welding a patch with the TRIAC PID on a building site.

| | | |
|---|---|---|
| **107.137** |  | Speed weld nozzle for tape welding 8 mm, push-fit on Tubular nozzle ∅ 5 mm |
| **100.296** |  | Heating element, 230 V, 1550 W, for TRIAC PID |
| **100.689** | | Heating element, 230 V, 1550 W, for TRIAC S |

## Shrinking and vehicle repairs

| | | |
|---|---|---|
| **107.324** |  | sieve reflector 12 × 10 mm, push-fit on Tubular nozzle ∅ 5 mm |
| **107.337** |  | sieve reflector 50 × 35 mm, push-fit |
| **107.338** |  | sieve reflector 35 × 20 mm, push-fit |
| **107.326** |  | Shell reflector 25 × 150 mm, push-fit |
| **107.307** |  | Spoon reflector 27 × 35 mm, push-fit |
| **107.339** |  | Soldering reflector 17 × 34 mm, push-fit |
| **106.996** |  | Tacking nozzle, push-fit on tubular nozzle ∅ 5 mm |

| | | |
|---|---|---|
| **106.997** |  | Rotary burr ∅ 6 mm (for drilling machine) |
| **106.992** |  | Speed weld nozzle 5.7 mm, push-fit on tubular nozzle ∅ 5 mm |

Ohter versions on request.
Technical data are subject to change without prior notice.

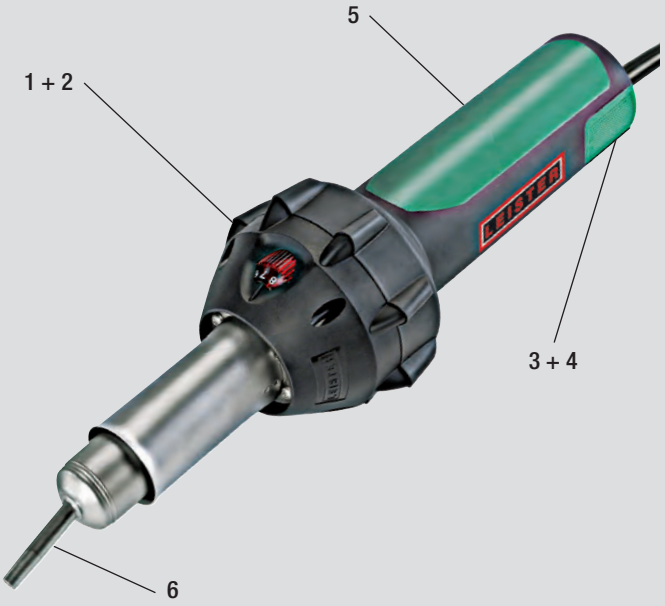


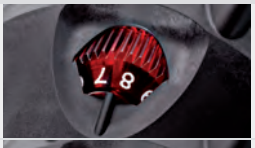
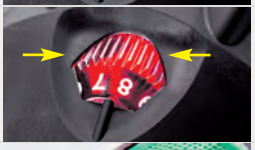
Well balanced design for precise welding.

Hand tool

## TRIAC BT

The TRIAC BT fulfills all of the functionality and design requirements necessary for successful plastic welding. Weighing just one kilogram, it is the lightest in its class and is made from high-quality material. Every TRIAC BT kit undergoes stringent quality checks before leaving the factory in Switzerland. The sturdy tool box includes everything an expert technician requires.




| | | |
|---|---|---|
| 1 |  | **Temperature setting:** Convenient and reliable temperature adjustment |
| 2 |  | **Accidental start-up protection:** The temperature adjustment becomes lit-up if the power to the tool is interrupted |
| 3 |  | **Filter:** The fine mesh air filter prevents dirt from clogging the air inlet of the tool |
| 4 |  | **Filter cleaning:** The air filters on both sides can be easily removed and cleaned |
| 5 |  | **Tool handle:** Ergonomically designed handle with soft grip covering for a secure hold |
| 6 |  | **Nozzle:** Extra strong integral 5 mm universal nozzle |
| 7 |  | **Spare heating element:** Protected, packed in a box and within easy reach |
| 8 |  | **Tool box:** Enough space for all the accessories the professional needs |




Contained in delivery



Intuitive design and easy handling for precision welding.



Perfect for detailed work.

**Hand tool**

## TRIAC BT tarpaulin welding-set

The TRIAC BT tarpaulin welding-set is the perfect set for the ambitious tarpaulin specialist.

- Light and easy to handle
- Ergonomic handle for welding without strain
- Electronically protected heating element
- Integral precision nozzle
- Built in start-up protection in case of power interruption

**Technical Data**

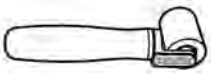
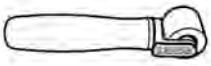
| | | |
|---|---|---|
| Voltage | V~ | 230 |
| Power | W | 1600 |
| Temperature | °C | 20 – 700 |
| Size (L × ∅) | mm | 370 × 90, handle ∅ 56 |
| Weight | kg | 1.0 (without 2 m cord) |
| Marking of conformity | | CE |
| Approval Mark | | |
| Certification Scheme | | CCA, CB |
| Protection Class II | | |

**Article No.**

136.937 TRIAC BT 230V / 1600W tarpaulin kit 20mm with Euro-plug
136.938 TRIAC BT 230V / 1600W tarpaulin kit 40mm with Euro-plug

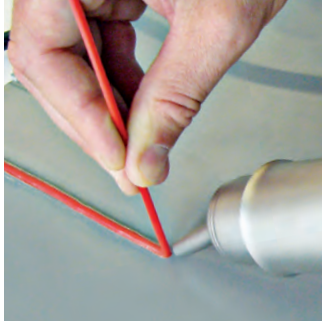
Within scope of supply: Transport box, spare heating element, pressure roller 40 mm

## Accessories TRIAC BT

| | | |
|---|---|---|
| **140.160** |  | Pressure roller 40 mm with ball bearings, (Silicone) |
| **140.161** |  | Pressure roller 28 mm with ball bearings, (Silicone) |
| **136.916** |  | Heating element, 230 V / 1550 W |
| **116.586** |  | Tool box, for TRIAC BT, TRIAC PID, TRIAC S, ELECTRON |
| **137.855** |  | Leister-Cutter with 4 spare blades |



Contained in delivery





Perfect for hot gas extrusion welding of containers and apparatuses

Hand tool

## TRIAC BT plastic welding kit

Das TRIAC BT Plastic welding kit is the perfect kit for the ambitioned container and apparatus engineers.

- Light and easy to handle
- Ergonomic handle for welding without strain
- Electronically protected heating element
- Integral universal nozzle
- Built in start-up protection in case of power interruption

**Technical Data**

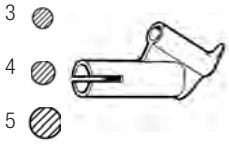
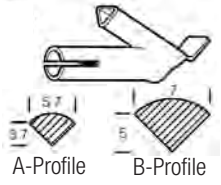
| | | |
|---|---|---|
| Voltage | V~ | 230 |
| Power | W | 1600 |
| Temperature | °C | 20 – 700 |
| Size (L × ∅) | mm | 370 × 90, handle ∅ 56 |
| Weight | kg | 1.0 (without 2 m cord) |
| Marking of conformity | | CE |
| Approval Mark | | GS |
| Certification Scheme | | CCA, CB |
| Protection Class II | | ⧈ |

**Article No.**

136.939 TRIAC BT 230V / 1600W plastic welding kit with Euro-plug

Included in delivery: TRIAC BT, tool box, spare heating element, tacking nozzle and speed welding nozzle 5.7 mm (profile A)

## Accessories TRIAC BT

| | | |
|---|---|---|
| **106.996** |  | Tacking nozzle, push fit |
| **106.989** |  | Speed weld nozzle, push-fit (3 mm) |
| **106.990** | | Speed weld nozzle, push-fit (4 mm) |
| **106.991** | | Speed weld nozzle, push-fit (5 mm) |
| **106.992** |   | Speed weld nozzle, push-fit (5.7 mm, A) |
| **106.993** | | Speed weld nozzle, push-fit (7 mm, B) |
| **136.916** |  | Heating element, 230 V / 1550 W |
| **116.586** |  | Tool box, for TRIAC BT, TRIAC PID, TRIAC S, ELECTRON |
| **137.855** |  | Leister-Cutter with 4 spare blades |



Contained in delivery





Well balanced design for precise welding of floor coverings.

**Hand tool**

## TRIAC BT floor welding kit

The TRIAC BT floor welding kit is the ideal kit for the ambitioned flooring technician.

- Light and easy to handle
- Ergonomic handle for welding without strain
- Electronically protected heating element
- Integral universal nozzle
- Built in start-up protection in case of power interruption

**Technical Data**

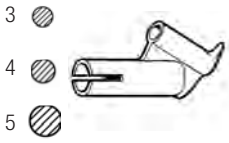
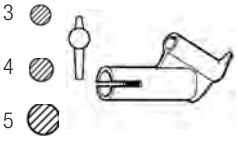
| | | |
|---|---|---|
| Voltage | V~ | 230 |
| Power | W | 1600 |
| Temperature | °C | 20 – 700 |
| Size (L × ∅) | mm | 370 × 90, handle ∅ 56 |
| Weight | kg | 1.0 (without 2 m cord) |
| Marking of conformity | | CE |
| Approval Mark | | GS |
| Certification Scheme | | CCA, CB |
| Protection Class II | | ⧈ |

**Article No.**

136.936 TRIAC BT 230V / 1600W floor welding kit with Euro-plug

Included in delivery: TRIAC BT, transport box, spare heating element, Speed weld nozzle 5 mm and speed weld nozzle with small air-slide

## Accessories TRIAC BT

| | | |
|---|---|---|
| **107.139** |  | Speed weld nozzle, push-fit (4.5 x 12 mm) |
| **106.989** |  | Speed weld nozzle, push-fit (3 mm) |
| **106.990** | | Speed weld nozzle, push-fit (4 mm) |
| **106.991** | | Speed weld nozzle, push-fit (5 mm) |
| **105.431** |  | Speed weld nozzle, with small air-slide, push-fit (3 mm) |
| **105.432** | | Speed weld nozzle, with small air-slide, push-fit (4 mm) |
| **105.433** | | Speed weld nozzle, with small air-slide, push-fit (5 mm) |
| **136.916** |  | Heating element, 230 V / 1550 W |
| **116.586** |  | Tool box, for TRIAC BT, TRIAC PID, TRIAC S, ELECTRON |
| **137.855** |  | Leister-Cutter with 4 spare blades |



Hand tool

## HOT JET S

As the most compact hand tool from Leister, the HOT JET S' low weight of 600 g, incl. cord and slim handle, ensures fatigue-free welding and high power.

- The smallest Leister hand tool
- Electronic steplessly controlled temperature
- Electronic steplessly controlled air flow
- Low noise
- Integrated flexible tool stand

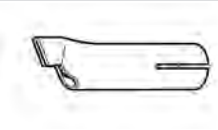
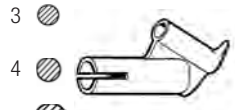
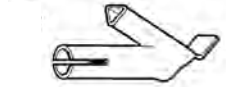
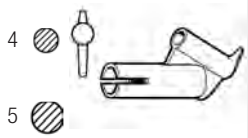
### Technical Data

| | | |
|---|---|---|
| Voltage | V~ | 230 |
| Power | W | 460 |
| Frequency | Hz | 50 / 60 |
| Temperature | °C | 20 – 600 |
| Pressure static | Pa | max. 1600 (16 mbar) |
| Size (L × ∅) | mm | 235 × 70, handle ∅ 40 |
| Weight | kg | 0.4 (without 3 m cord) |
| Marking of conformity | | CE |
| Approval Mark | | GS |
| Certification Scheme | | CCA |
| Protection Class II | | ⧈ |

### Artikel-Nr.

| | |
|---|---|
| 100.648 | HOT JET S 230V / 460W with Euro plug |
| 112.229 | HOT JET S 230V / 460W with UK plug black |
| 100.854 | HOT JET S 230V / 460W with AUS plug |
| 100.861 | HOT JET S 120V / 460W with USA plug |

## Accessories HOT JET S

| | | |
|---|---|---|
| **107.141** |  | Wide slot nozzle 15 mm, push-fit |
| **107.142** | | Wide slot nozzle 20 mm, push-fit |
| **107.144** |  | Tubular nozzle<br>∅ 5 mm, push-fit |
| **105.567** |  | Extension nozzle<br>∅ 5 x 150 mm, straight |
| **105.556** |  | Angled nozzle 20 mm,<br>90° angled, push-fit |
| **106.996** |  | Tacking nozzle,<br>push-fit on Tubular nozzle ∅ 5 mm |
| **106.989** | 3  | Speed weld nozzle 3 mm,<br>push-fit on Tubular nozzle ∅ 5 mm |
| **106.990** | 4 | Speed weld nozzle 4 mm,<br>push-fit on Tubular nozzle ∅ 5 mm |
| **106.991** | 5 | Speed weld nozzle 5 mm,<br>push-fit on Tubular nozzle ∅ 5 mm |
| **106.992** |  | Speed weld nozzle,<br>push-fit (5.7 mm, A) |
| **106.993** |  A-Profile B-Profile | Speed weld nozzle,<br>push-fit (7 mm, B) |
| **105.431** | 3 | Speed weld nozzle 3 mm,<br>with small air-slide, push-fit<br>on Tubular nozzle ∅ 5 mm |
| **105.432** | 4  | Speed weld nozzle 4 mm,<br>with small air-slide, push-fit<br>on Tubular nozzle ∅ 5 mm |
| **105.433** | 5 | Speed weld nozzle 5 mm,<br>with small air-slide, push-fit on<br>Tubular nozzle ∅ 5 mm |



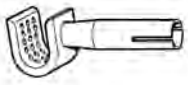
Fitting a solder shrink connection with HOT JET S and a push-fit sieve reflector.



The HOT JET S is especially suited to carry out work in areas which are difficult to access.



The small and light HOT JET S is especially suited to carry out work where space is tight.

| | | |
|---|---|---|
| **107.137** |  | Speed weld nozzle for tape welding 8 mm, push-fit on Tubular nozzle ∅ 5 mm |
| **107.139** |  | Speed weld nozzle 4.5 × 12 mm for fillet weld, push-fit on Tubular nozzle ∅ 5 mm |
| **107.324** |  | Sieve reflector 12 × 10 mm, push-fit on Tubular nozzle ∅ 5 mm |
| **107.146** |  | Soldering nozzle ∅ 2 mm |
| **107.151** |  | Soldering nozzle ∅ 4 mm |
| **107.148** |  | Soldering nozzle ∅ 3 x 1.5 mm, oval |
| **107.310** |  | Sieve reflector 35 × 20 mm, push-fit |
| **107.311** |  | Sieve reflector 50 × 35 mm, push-fit |
| **107.312** |  | Spoon reflector 25 × 30 mm, push-fit |

| | | |
|---|---|---|
| **107.305** |  | Ironing nozzle 15 x 25 mm |
| **100.818** |  | Heating element, 230 V / 435 W |






Simple heating up fibre optic loose tube cables for further processing.



Welding pipes

Hand tool

## GHIBLI

Derived from a hot desert wind – GHIBLI certainly lives up to its name! Thanks to two-step airflow switching and steplessly adjustable temperature, it can be used for the most diverse applications.

- Universal tool for welding and shrinking
- Welding results independent of voltage fluctuations and ambient temperature
- Two-step selectable air flow
- Extensive range of accessories

**Technical Data**

| | | |
|---|---|---|
| Voltage | V~ | 230 |
| Power | W | 2000 |
| Frequency | Hz | 50 / 60 |
| Temperature | °C | 20 – 600 |
| Pressure static | Pa | Stufe 2: 1500 (15 mbar)<br>Stufe 3: 2100 (21 mbar) |
| Size (L × B × H) | mm | 195 × 85 × 160, handle ∅ 57 |
| Weight | kg | 0.9 (without 3 m cord) |
| Marking of conformity | | CE |
| Approval Mark | | GS |
| Certification Scheme | | CCA |
| Protection Class II | | ⧈ |

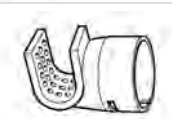
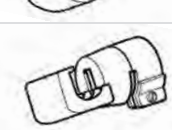
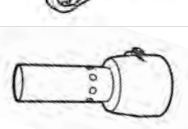
**Article No.**

101.881 GHIBLI 230V / 2000W with Euro plug

101.887 GHIBLI 120V / 1500W with USA plug

More versions on request

## Accessories GHIBLI

| | | |
|---|---|---|
| **106.998** |  | Wide slot nozzle 20 mm, push-fit |
| **106.999** |  | Wide slot nozzle 40 mm |
| **107.154** |  | Tubular nozzle ∅ 5 mm, push-fit |
| **107.006** |  | Extension nozzle ∅ 5 x 130 mm, straight |
| **107.308** |  | Sieve reflector 50 × 35 mm, push-fit |
| **107.309** | | Sieve reflector 35 × 20 mm, push-fit |
| **107.313** |  | Spoon reflector 25 × 30 mm, push-fit |
| **107.325** |  | Soldering reflector 17 × 34 mm, push-fit |
| **107.319** |  | Sieve reflector ∅ 65 mm |
| **107.315** |  | Folding reflector 70 × 12 mm, push-fit |
| **107.007** |  | De-horning nozzle |
| **107.345** |  | Welding mirror 135 mm, PTFE-coated |
| **115.513** |  | Heating element, 230 V / 1800 W |



Contained in delivery



Shrinking of cable labels



Ergonomic design for strain-free car wrapping.

**Hand tool**

## SONORA S1

The handy, quiet and compact tool for universal use. It is applied in fields as diverse as shrinking, vehicle labeling, forming and heating. Its balanced design allows for strain-free welding. Excellent price/performance ratio.

- Light and compact
- High stability in head-handle position for long term use
- Balanced ergonomics with soft grip
- Very quiet tool, ideal for indoor use
- Constant temperature and closed-loop controlled electronics

**Technical Data**

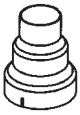
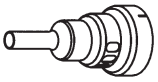
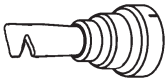
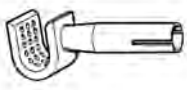
| | | |
|---|---|---|
| Voltage | V | 230 |
| Power | W | 2000 |
| Temperature | °C | 80 – 650 |
| Size | mm | 230 x 200 |
| Weight | kg | 0.6 (without 2 m cord) |

**Article No.**

140.996 SONORA S1, 230 V / 2000 W with Euro-plug

More versions on request

## Accessories SONORA S1

| | | |
|---|---|---|
| **119.269** |  | Glass protection nozzle |
| **119.270** |  | Wide slot nozzle 50 mm |
| **119.314** |  | Reducer nozzle<br>(Included in delivery) |
| **119.271** |  | Reflector nozzle<br>(Included in delivery) |
| **119.316** |  | Tubular nozzle 5 mm |
| **119.315** |  | Wide slot nozzle 20 mm |
| **119.312** |  | Solder sleeve reflector nozzle<br>(Included in delivery) |
| **107.324** |  | sieve reflector 12 x 10 mm |
| **107.308** |  | sieve reflector 50 x 35 mm |





Welding of bitumen sheeting using the powerful ELECTRON with a wide slot nozzle.

Hand tool

## ELECTRON

Powerful and versatile, the ELECTRON is the tool the specialist would wish for.

- Powerful
- Compact
- Robust
- Construction site tried and tested

### Technical Data

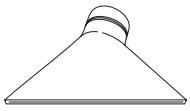
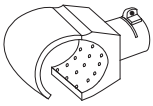
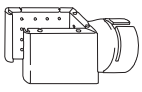
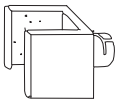
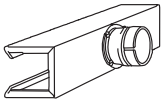
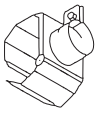
| | | |
|---|---|---|
| Voltage | V~ | 230 / 400 |
| Power | W | 3400 / 5500 |
| Frequency | Hz | 50 / 60 |
| Temperature | °C | 20 – 650 |
| Pressure static | Pa | 3000 (30 mbar) |
| Size (L × ∅) | mm | 320 × 95, handle ∅ 64 |
| Weight | kg | 1.3 (without 3 m cord) |
| Marking of conformity | | CE |
| Approval Mark | | GS |
| Certification Scheme | | CCA |
| Protection Class II | | ⧈ |

### Article No.

| | |
|---|---|
| 107.781 | ELECTRON 230V / 3400W with Euro plug |
| 107.788 | ELECTRON 400V / 5500W, with 16A CEE-Stecker |
| 110.889 | ELECTRON 120V / 2700W with 32A UK plug |
| 116.055 | ELECTRON 230V / 3400W with sprap nozzle, with Euro plug |

More versions on request

## Accessories ELECTRON

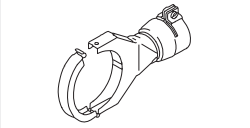
| | | |
|---|---|---|
| **107.258**<br>**107.134** |  | Wide slot nozzle, push-fit 70 × 10 mm, **for bitumen**<br>Wide slot nozzle, push-fit 40 x 2 mm, **for bitumen** |
| **107.266** |  | Wide slot nozzle 75 × 2 mm, push-fit,<br>**with tool stand (Artikel 116.753)** |
| **116.753** |  | Tool stand |
| **107.270** |  | Wide slot nozzle 150 × 12 mm, push-fit |
| **107.229** |  | Round nozzle 20 mm |
| **107.331** |  | Folding reflector 70 × 70 mm, push-fit |
| **107.327** |  | Sieve reflector 85 x 85 mm, push-fit |
| **107.333** |  | Sieve reflector 150 x 130 mm, push-fit |
| **107.340** |  | Shell reflector, 45 x 250 mm, push-fit |
| **107.328** |  | Folding reflector 60 × 75 mm, push-fit |



Accelerating the drying process of varnish, paint and body filler using the ELECTRON.



ELECTRON with scraper nozzle. Scraping color without solvent!

| | | |
|---|---|---|
| **106.127** |  | Sieve reflector ∅ 65 mm |
| **107.330** |  | Folding reflector 125 × 22 mm, push-fit |
| **116.054** |  | Scraper nozzle, (only use in combination with heater tube, Article no. 116.053) |
| **105.961** |  | Wide slot nozzle 45 x 12 x 350 mm (for foundries) |
| **107.347** |  | Swordshaped nozzle 74 x 12 x 520 mm, edges rounded, PTFE-coated |
| **107.346** |  | Welding mirror 270 mm, push-fit |
| **107.348** |  | Tool rest |
| **113.269**<br>**101.273** |  | Heating element, 230 V / 3400 W<br>Heating element, 400 V / 5500 W |

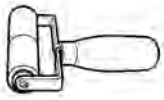
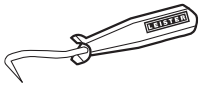




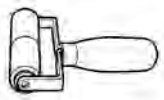
Hand tools

# General Accessories

## Roofing

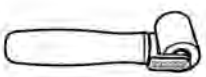
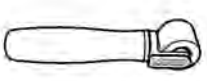
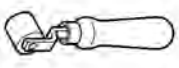
| | | |
|---|---|---|
| **140.160** |  | Pressure roller 40 mm with ball bearings, (Silicone) |
| **140.161** |  | Pressure roller 28 mm with ball bearings, (Silicone) |
| **106.974** |  | Pressure roller 80 mm (Silicone) |
| **106.972** |  | Pressure roller 80 mm (Silicone) |
| **106.976** |  | Pressure roller 28 mm (PTFE) |
| **138.314** |  | Seam probe tester |
| **111.346**<br>**111.348** |  | Edge plane with 10 spare blades<br>spare blades kit containing 10 blades |
| **137.855** |  | Leister-Cutter with 4 spare blades |
| **116.586** |  | Transport box, for TRIAC BT, TRIAC PID, TRIAC S, ELECTRON |

## Billboards / Tarpaulins

| | | |
|---|---|---|
| **106.974** |  | Pressure roller 80 mm (Silicone) |

| | | |
|---|---|---|
| **140.160** |  | Pressure roller 40 mm with ball bearings, (Silicone) |
| **140.161** |  | Pressure roller 28 mm with ball bearings, (Silicone) |
| **106.981** |  | Pressure roller for customs seal roller |
| **137.855** |  | Leister-Cutter with 4 spare blades |
| **116.586** |  | Transport box, for TRIAC BT, TRIAC PID, TRIAC S, ELECTRON |
| **116.798** |  | Brass brush |

## Civil Engineering / Tunnel / Landfill sites

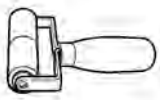
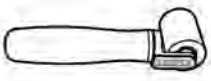
| | | |
|---|---|---|
| **140.160** |  | Pressure roller 40 mm with ball bearings, (Silicone) |
| **140.161** |  | Pressure roller 28 mm with ball bearings, (Silicone) |
| **106.976** |  | Pressure roller 28 mm (PTFE) |

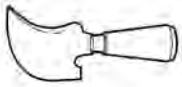
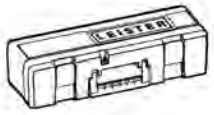



## Container and apparatus construction

| | | |
|---|---|---|
| **107.348** |  | Tool rest (TRIAC) |
| **137.855** |  | Leister-Cutter with 4 spare blades |
| **116.586** |  | Transport box, for TRIAC BT, TRIAC PID, TRIAC S, ELECTRON |

## Floorings / Interior decoration

| | | |
|---|---|---|
| **122.541** |  | Trimming guide |
| **106.972** |  | Pressure roller, with ball bearings (Brass) |
| **106.974** |  | Pressure roller 80 mm (silicone) |
| **140.160** |  | Pressure roller 40 mm with ball bearings, (Silicone) |
| **140.161** |  | Pressure roller 28 mm with ball bearings, (Silicone) |
| **106.976** |  | Pressure roller 28 mm (PTFE) |

| | | |
|---|---|---|
| **106.969** |  | Spatula |
| **137.855** |  | Leister-Cutter with 4 spare blades |
| **106.966** |  | Hand grooving tool |
| **106.968** |  | Spare blades for hand grooving tool |
| **116.586** |  | Transport box, for TRIAC BT, TRIAC PID, TRIAC S, ELECTRON |