



**Bitumen welding  
from Leister.**

**Fast and  
safe with the  
BITUMAT.**



# Leister offers perfect welding of bitumen sheets.

Bitumen sheet welding is accomplished fast and clean with the new BITUMAT from Leister. The easy to operate hot-air welding machine is the perfect alternative to the hazard of propane gas burners. The BITUMAT fulfils all the relevant criteria functionality and safety criteria. It is manufactured in renowned Swiss Leister quality.

## Hot-air welding machine

### BITUMAT

The flameless welding machine welds modified bitumen (SBS, APP) at high speed.



- Consistent welding results
- Easy operation
- High welding speed
- Continuously adjustable heating and speed
- Pivotal steering bar enhances occupational safety
- Interchangeable driving roller simplifies cleaning
- Integrated bitumen scraper
- Electronic heating element protection

#### Technical Data

|                                      |       |           |              |
|--------------------------------------|-------|-----------|--------------|
| Voltage                              | V~    | 230       | 400          |
| Power consumption                    | W     | 6700      | 6700         |
| Frequency                            | Hz    | 50        |              |
| Temperature                          | °C    | 20        | – 650        |
| Speed                                | m/min | 0.8       | – 12         |
| Noise emission level L <sub>PA</sub> | dB    | 73        |              |
| Welding seam width                   | mm    | 80        | / 100        |
| Size (L × W × H)                     | mm    | 690 × 490 | × 330        |
| Weight                               | kg    | 42        | ( with cord) |
| Protection class I                   |       |           | ⊕            |

#### Article no

|         |                |
|---------|----------------|
| 128.016 | 400 V / 80 mm  |
| 128.015 | 400 V / 100 mm |
| 128.012 | 230 V / 80 mm  |
| 126.581 | 230 V / 100 mm |



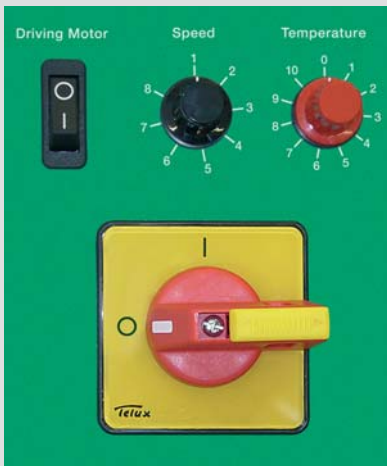
The BITUMAT is very easy to operate. It works with extreme precision and steering is nearly effortless.



Welding with the BITUMAT produces perfect seam quality along the entire length.



The pivotable steering bar facilitates steering in the direction of travel.



Simple and reliable temperature and speed setting guarantees an optimally controllable welding process.



The steering bar, pivotable in two positions, allows the operator to change the working direction. This simplifies handling and enhances occupational safety.



The nozzle specially developed for bitumen allows a high working speed.



The additional weight serves as a reserve pressure roller. It can be replaced without the use of tools, when needed.

## Hand tool

### TRIAC PID

Micro-processor controlled temperature and electronic monitoring.  
The preferred hand tool for welding with high quality.



- Reproducible results thanks to digital display of set and actual temperature
- Welding results independent of voltage fluctuations and ambient temperature
- Adaptor tube with heat protection
- Electronic heating element protection
- Motor shut-off at minimal carbon level
- Suitable for continuous operation
- Multiple replacement of carbon brushes possible

#### Technical Data

|                               |       |                       |
|-------------------------------|-------|-----------------------|
| Voltage                       | V~    | 230                   |
| Power consumption             | W     | 1600                  |
| Frequency                     | Hz    | 50                    |
| Temperature                   | °C    | 50 – 600              |
| Air flow (20°C)               | l/min | 230                   |
| Pressure static               | Pa    | ca. 3000 (30 mbar)    |
| Noise emission level $L_{pA}$ | dB    | 65                    |
| Size (L x Ø)                  | mm    | 340 x 90, handle Ø 56 |
| Weight                        | kg    | 1.4 (with 3 m cord)   |
| Marking of conformity         | CE    |                       |
| Approval mark                 | S     |                       |
| Certification scheme          | CCA   |                       |
| Protection class II           | □     |                       |

#### Article no

100.741 with Euro plug  
Other versions on request

## Hand tool

### TRIAC S

TRIAC S: the reliable, cost-effective and proven hand tool with steplessly controlled temperature range.



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

#### Technical Data

|                               |       |                       |
|-------------------------------|-------|-----------------------|
| Voltage                       | V~    | 230                   |
| Power consumption             | W     | 1600                  |
| Frequency                     | Hz    | 50                    |
| Temperature                   | °C    | 20 – 700              |
| Air flow (20°C)               | l/min | 230                   |
| Pressure static               | Pa    | ca. 3000 (30 mbar)    |
| Noise emission level $L_{pA}$ | dB    | 65                    |
| Size (L x Ø)                  | mm    | 340 x 90, handle Ø 56 |
| Weight                        | kg    | 1.4 (with 3 m cord)   |
| Marking of conformity         | CE    |                       |
| Approval mark                 | S     |                       |
| Certification scheme          | CCA   |                       |
| Protection class II           | □     |                       |

#### Article no

100.705 with Euro plug  
Other versions on request



The powerful ELECTRON hand-welding tool can be used effortlessly to master tricky details.



Perfectly welded T-joints with the new BITUMAT.



Even demanding APP sheeting can be welded at high speed.

## Hand tool

# ELECTRON

The powerful, and yet small and versatile, Leister ELECTRON is a hand tool, perfect for the specialist.



- Powerful
- Compact
- Robust
- Construction site tried and tested
- Motor shut-off at minimal carbon level
- Multiple replacement of carbon brushes possible
- Suitable for continuous operation

### Technical Data

|                               |       |                       |
|-------------------------------|-------|-----------------------|
| Voltage                       | V~    | 230                   |
| Power consumption             | W     | 3400                  |
| Frequency                     | Hz    | 50                    |
| Temperature                   | °C    | 20 – 650              |
| Air flow (20°C)               | l/min | 320, manual air slide |
| Pressure static               | Pa    | 3000 (30 mbar)        |
| Noise emission level $L_{pA}$ | dB    | 65                    |
| Size (L x Ø)                  | mm    | 320 x 95, handle Ø 64 |
| Weight                        | kg    | 1.5 (with 3 m cord)   |
| Marking of conformity         | CE    |                       |
| Approval mark                 | E     |                       |
| Certification scheme          | CCA   |                       |
| Protection class II           | □     |                       |

### Article no

100.781 with Euro plug  
Other versions on request

## Bitumen accessories

|                    |  |                                                             |
|--------------------|--|-------------------------------------------------------------|
| 106.974            |  | Pressure roller 80 mm (silicon)                             |
| 106.975            |  | One-arm pressure roller 40 mm, with ball bearings (silicon) |
| 127.691<br>127.690 |  | Bitumen nozzle 80 mm<br>Bitumen nozzle 100 mm               |
|                    |  | <b>&gt; BITUMAT</b>                                         |
| 107.266            |  | Wide slot nozzle 75 x 2 mm, push-fit (with tool holder)     |
|                    |  | <b>&gt; ELECTRON</b>                                        |
| 107.131            |  | Wide slot nozzle 80 mm, push-fit                            |
|                    |  | <b>&gt; TRIAC PID &gt; TRIAC S</b>                          |
| 107.132            |  | Wide slot nozzle 40 mm, push-fit                            |
|                    |  | <b>&gt; TRIAC PID &gt; TRIAC S</b>                          |
| 107.133            |  | Wide slot nozzle 40 mm, perforated push-fit                 |
|                    |  | <b>&gt; TRIAC PID &gt; TRIAC S</b>                          |
| 107.129            |  | Wide slot nozzle 60 mm, push-fit                            |
|                    |  | <b>&gt; TRIAC PID &gt; TRIAC S</b>                          |
| 107.130            |  | Wide slot nozzle 40 mm, 60° bent, push-fit                  |
|                    |  | <b>&gt; TRIAC PID &gt; TRIAC S</b>                          |

Technical data are subject to change without notice.  
Nozzles are not included to the hand tools.



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