



Roofing



Solutions



Leister Brand Products

Quality for Reliability

With innovative ideas and extensive application knowledge, we develop modules, devices and machines for the world market. Our focus is always on functionality, ergonomics and attractive design. Our consistent process and quality management from the product idea to the end of the service life of our products ensures the Leister quality that has been known for decades and meets the highest demands. Leister stands for performance in premium products – around the clock and around the globe.

We know how.

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Leister - Global Leader in Plastics Processing

Experienced engineers, product managers and specialists from ISO-9001-certified Leister in Switzerland develop products and systems for plastic welding applications and for generating industrial process heat. Based on innovative technologies - including hot air, contact heat, extrusion, and infrared - and our passion for customized solutions, we are able to significantly influence our market segment and set high standards worldwide.

Leister is characterized by products featuring a wide range of technologies for processing plastics and designed for a broad spectrum of applications. We develop and produce application-specific products, including accessories, for welding, shrinking, forming, heating and joining plastics in our business areas of plastic welding and industrial application.

Plastic Welding

The Leister product range for plastic welding includes hot-air hand tools, extruders and welding machines, including comprehensive accessories for craftsmen and industry. With over 75 years of experience, we offer you products and services that set standards in your respective areas of expertise.

Industrial Application

Leister offers two technologies for the industrial sector: Hot air and infrared. This means that we cover the majority of industrial process heat and plastic joining applications. You will find the right solution for your challenge in our wide range of products.

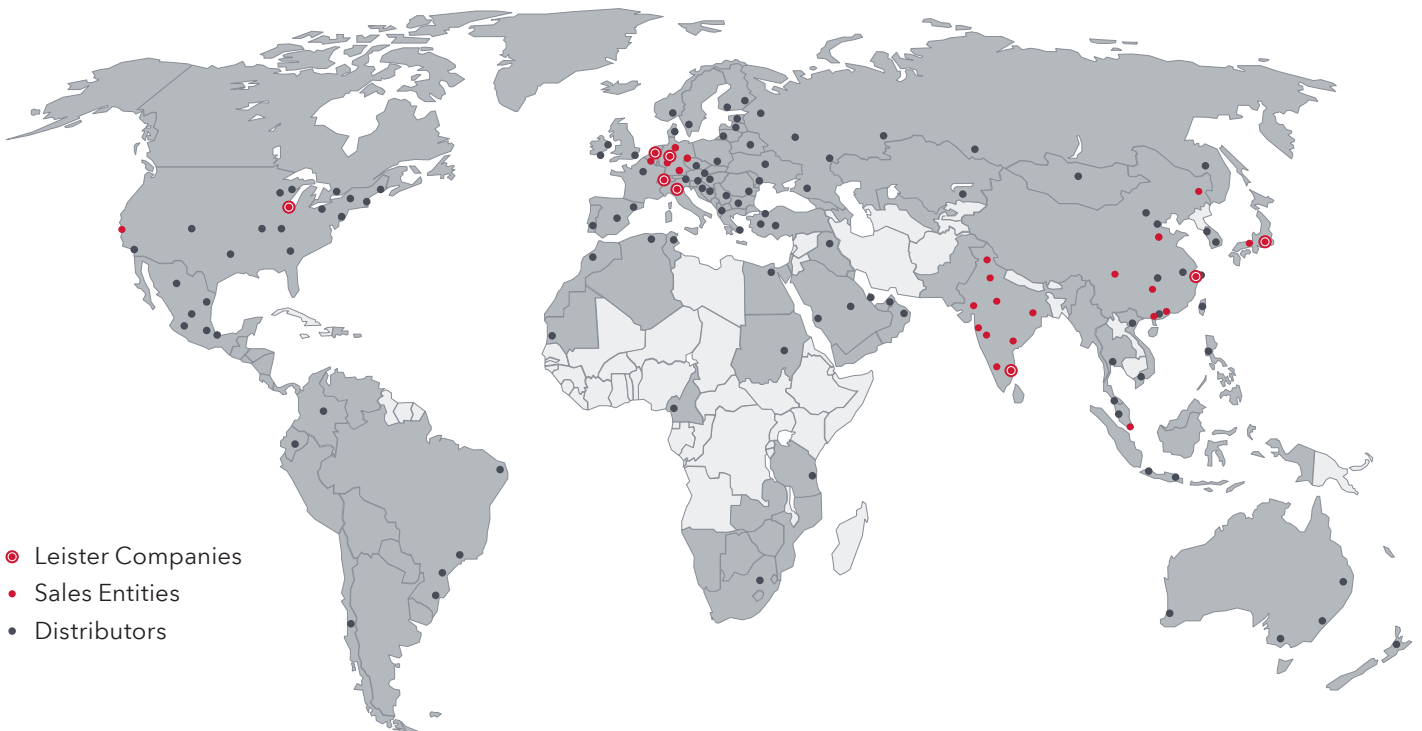


Global Presence and Customer Proximity

Our worldwide sales and service network, with 130 sales and service points for Leister products, ensures presence and proximity on all continents.

For decades, we have enjoyed close customer relationships through our global presence with eight country subsidiaries and our close network of local sales and service partners. Additionally, you can find Leister products in our online shops.

Our sales and service partners regularly participate in training courses for applications, products and repairs and are certified accordingly. This way, we guarantee our customers competent service worldwide in accordance with our high standards. Modern logistics hubs, as well as equipment and spare parts warehouses in all countries with a Leister representative, ensure deliveries worldwide.



Headquarters

Leister AG
Galileo-Strasse 10
6056 Kaegiswil
Switzerland

+41 41 662 75 75
leister@leister.com
leister-group.com

Development & Manufacturing

Leister Technologies AG
Riedstrasse 10
6060 Sarnen
Switzerland

+41 41 662 74 74
leister@leister.com
leister.com

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VARIMAT 700



The VARIMAT 700 automatic welding machine offers constant process reliability and tracking accuracy for flat roof welding. High contact pressure, innovative nozzle swivel-in mechanism, LQS and power management ensure welding quality.

Technical data

| | | |
|-----------------------------|---|-------------------|
| Voltage | 230 V; 400 V | |
| Frequency | 50/60 Hz | |
| Power | 3680-5700 W | |
| Speed | 1-12 m/min | 3.28-39.37 ft/min |
| Temperature | 100-620 °C | 212-1148 °F |
| Air volume adjustable | Yes | |
| Welding nozzle / seam width | 40 mm | 1.57 in |
| Welding materials | ECB; EPDM; EVA; FPO; PIB; PO; PVC; PVC-P; TPE; TPO; TPU | |
| LQS | Yes | |
| Brushless blower motor | Yes | |
| Brushless drive motor | Yes | |
| Length | 605 mm | 23.81 in |
| Width | 335 mm | 13.18 in |
| Height | 373 mm | 14.68 in |
| Weight | 37.5 kg | 82.67 lb |
| Power cable length | 5 m | 16.4 ft |
| Approvals | CB Certification; CE; UKCA | |
| Protection class | I | |
| Country of origin | Switzerland | |

Product items

| | |
|---|---------|
| VARIMAT 700, 230V/3680W, 40mm, w/o cable | 173.180 |
| VARIMAT 700, 400V/5700W, 40mm, CEE 5/16 | 173.181 |
| VARIMAT 700, 230V/3680W, 40mm, 'F, w/o plug | 174.614 |



Configure product

Nozzles



176.291
Power scraping nozzle, 40 mm, VARIMAT 700/500/300

Machine specific accessories



172.967
Power cable 5 m (Harting), CEE 5/16



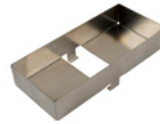
172.968
Power cable 5 m (Harting), EU plug



174.945
Power cable 5 m (Harting), w/o plug



174.946
Power cable 5 m (Harting), CEE 3/16



134.005
Accessories box VARIMAT 700/500/300



174.323
Force sensor for additional weight detection



175.742
Plug (Harting) 6 pin/16A

Spare parts



148.518
Heating element, 230V/4400W



148.521
Heating element, 400V/5500W

All accessories can be found from page 22.

VARIMAT 500



The VARIMAT 500 automatic welding machine offers reliability in flat roof welding. High contact pressure, innovative nozzle swivel-in mechanism and variable transport axis ensure welding quality. Convertible from 230 to 400 V.

Technical data

| | | |
|-----------------------------|---|-------------------|
| Voltage | 230 V; 400 V | |
| Frequency | 50/60 Hz | |
| Power | 3680-5700 W | |
| Speed | 1-12 m/min | 3.28-39.37 ft/min |
| Temperature | 100-620 °C | 212-1148 °F |
| Air volume adjustable | Yes | |
| Welding nozzle / seam width | 40 mm | 1.57 in |
| Welding materials | ECB; EPDM; EVA; FPO; PIB; PO; PVC; PVC-P; TPE; TPO; TPU | |
| LQS | No | |
| Brushless blower motor | Yes | |
| Brushless drive motor | Yes | |
| Length | 605 mm | 23.81 in |
| Width | 335 mm | 13.18 in |
| Height | 373 mm | 14.68 in |
| Weight | 37.5 kg | 82.67 lb |
| Power cable length | 5 m | 16.4 ft |
| Approvals | CB Certification; CE | |
| Protection class | I | |
| Country of origin | Switzerland | |

Product items

| | |
|---|---------|
| VARIMAT 500, 230V/3680W, 40mm, w/o cable | 173.182 |
| VARIMAT 500, 400V/5700W, 40mm, CEE 5/16 | 173.183 |
| VARIMAT 500, 230V/3680W, 40mm, 'F, w/o plug | 174.615 |



Configure product

Nozzles



176.291
Power scraping nozzle, 40 mm, VARIMAT 700/500/300

Machine specific accessories



172.967
Power cable 5 m (Harting), CEE 5/16



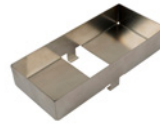
172.968
Power cable 5 m (Harting), EU plug



174.945
Power cable 5 m (Harting), w/o plug



174.946
Power cable 5 m (Harting), CEE 3/16



134.005
Accessories box VARIMAT 700/500/300



174.323
Force sensor for additional weight detection



175.742
Plug (Harting) 6 pin/16A

Spare parts



148.518
Heating element, 230V/4400W



148.521
Heating element, 400V/5500W

All accessories can be found from page 22.

VARIMAT 300



The VARIMAT 300 roof welding machine enables easy and intuitive welding of flat roofs. High contact pressure, tracking accuracy and flexible transport axis for sustainable welding quality are further plus points.

Technical data

| | | |
|-----------------------------|---|-------------------|
| Voltage | 230 V; 400 V | |
| Frequency | 50/60 Hz | |
| Power | 3680-5700 W | |
| Speed | 1-10 m/min | 3.28-32.81 ft/min |
| Temperature | 100-620 °C | 212-1148 °F |
| Air volume adjustable | Yes | |
| Welding nozzle / seam width | 40 mm | 1.57 in |
| Welding materials | ECB; EPDM; EVA; FPO; PIB; PO; PVC; PVC-P; TPE; TPO; TPU | |
| LQS | No | |
| Brushless blower motor | No | |
| Brushless drive motor | Yes | |
| Length | 605 mm | 23.81 in |
| Width | 335 mm | 13.18 in |
| Height | 373 mm | 14.68 in |
| Weight | 37.5 kg | 82.67 lb |
| Power cable length | 5 m | 16.4 ft |
| Approvals | CB Certification; CE | |
| Protection class | I | |
| Country of origin | Switzerland | |

Product items

| | |
|---|---------|
| VARIMAT 300, 400V/5700W, 40mm, CEE 5/16 | 173.184 |
| VARIMAT 300, 230V/3680W, 40mm, EU plug | 173.185 |
| VARIMAT 300, 230V/3680W, 40mm, CEE 3/16 | 173.186 |
| VARIMAT 300, 230V/3680W, 40mm, °F, w/o plug | 174.616 |



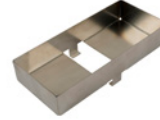
Configure product

Nozzles



176.291
Power scraping nozzle, 40 mm, VARIMAT 700/500/300

Machine specific accessories



134.005
Accessories box VARIMAT 700/500/300



171.490
Additional weight



173.090
Nozzle adjustment gauge VARIMAT 700/500/300



175.074
Rolling Transport Case VARIMAT 700/500/300

Spare parts



148.518
Heating element, 230V/4400W



148.521
Heating element, 400V/5500W

All accessories can be found from page 22.

BITUMAT B2



The BITUMAT B2 is used to weld modified bitumen without flames. With the appropriate bitumen nozzle, precisely welded seams are easily achieved.

Technical data

| | | |
|-----------------------------|----------------------------|-------------------|
| Voltage | 230 V; 400 V | |
| Frequency | 50/60 Hz | |
| Power | 6700 W | |
| Speed | 0.8-12 m/min | 2.62-39.37 ft/min |
| Temperature | 20-650 °C | 68-1202 °F |
| Air volume adjustable | Yes | |
| Welding nozzle / seam width | 75-100 mm | 2.95-3.93 in |
| Welding materials | Bitumen; ECB | |
| LQS | No | |
| Brushless blower motor | No | |
| Brushless drive motor | No | |
| Length | 690 mm | 27.16 in |
| Width | 490 mm | 19.29 in |
| Height | 330 mm | 12.99 in |
| Weight | 39 kg | 85.98 lb |
| Power cable length | 1.2 m | 3.93 ft |
| Approvals | CB Certification; CE; UKCA | |
| Protection class | I | |
| Country of origin | Switzerland | |

Product items

| | |
|---|---------|
| BITUMAT B2, 230V/6700W, 100mm, CEE 5/32 | 138.386 |
| BITUMAT B2, 400V/6700W, 100mm, CEE 5/16 | 140.437 |
| BITUMAT B2, 400V/6700W, 75mm, CEE 5/16 | 140.438 |
| BITUMAT B2, 230V/6700W, 100mm, w/o plug | 140.439 |
| BITUMAT B2, 230V/6700W, 75mm, w/o plug | 140.441 |

Nozzles



138.048
Overlap welding nozzle 75 mm BITUMAT B2



138.047
Overlap welding nozzle 100 mm BITUMAT B2

Machine specific accessories



137.895
Pressure roller 100 mm, with heel



140.229
Pressure roller 100 mm, without heel



140.228
Pressure roller 75 mm, without heel



156.447
Pressure roller 80 mm



158.222
Pressure roller 100 mm



155.328
Bitumen kit 120 mm, BITUMAT B2

Spare parts



126.594
Heating element, 400V/6500W



126.386
Heating element, 230V/6500W



**Configure
product**

All accessories can be found from page 22.

UNIROOF 700



Thanks to LQS, Monitored-Welding-Assistant and Leister's standard nozzle, the UNIROOF 700 automatic roof welding machine is well-suited for welding flat roofs and sets a new standard in the roof industry.

Technical data

| | | |
|-----------------------------|---|-------------------|
| Voltage | 100 V; 120 V; 230 V | |
| Frequency | 50/60 Hz | |
| Power | 1500-3680 W | |
| Speed | 1-10 m/min | 3.28-32.81 ft/min |
| Temperature | 100-620 °C | 212-1148 °F |
| Air volume adjustable | Yes | |
| Welding nozzle / seam width | 40-80 mm | 1.57-3.14 in |
| Welding materials | Bitumen; ECB; EPDM; EVA; FPO; PIB; PVC; TPE; TPO; TPU | |
| LQS | Yes | |
| Brushless blower motor | Yes | |
| Brushless drive motor | Yes | |
| Length | 475 mm | 18.7 in |
| Width | 244-360 mm | 9.6-14.17 in |
| Height | 260 mm | 10.23 in |
| Weight | 17-19.9 kg | 37.47-43.87 lb |
| Power cable length | 3 m | 9.84 ft |
| Approvals | CB Certification; CE; UKCA | |
| Protection class | I | |
| Country of origin | Switzerland | |

Product items

| | |
|---|---------|
| UNIROOF 700, 230V/3680W, 40mm, EU plug | 165.834 |
| UNIROOF 700, 120V/1800W, 40mm, US plug | 165.835 |
| UNIROOF 700, 230V/3680W, 40mm, w/o plug | 165.836 |
| UNIROOF 700, 100V/1500W, 40mm, JP plug | 165.837 |
| UNIROOF 700, 230V/3680W, 40mm, CEE 3/16 | 169.235 |
| UNIROOF 700, 230V/3680W, 40mm, KR plug | 169.236 |
| UNIROOF 700, 120V/1800W, 40mm, CEE 3/16 | 169.237 |
| UNIROOF 700, 230V/3680W, 80mm, EU plug | 170.210 |
| UNIROOF 700, 230V/3680W, 40mm, CH plug | 176.840 |



Configure product

Nozzles



170.119
Inseam scraping nozzle, 40 mm, UNIROOF

Machine specific accessories



176.939
Roof structure profil kit universal, UNIROOF 700/300



137.843
Guide bar top



177.020
Bitumen kit 80 mm complete, UNIROOF 700/300



154.522
Transport axis, 300 mm



152.706
Transport axis 210 mm, with movable wheels



167.345
Nozzle adjustment gauge UNIROOF 700/300

Spare parts



145.604
Heating element, 120V/2300W



163.951
Heating element, 100V/2000W



169.791
Heating element, 230V/4400W

All accessories can be found from page 22.

UNIROOF 300



The compact UNIROOF 300 automatic welding machine is ideally suited for welding medium to large flat roofs and is ideal as an entry-level machine due to its simple operation.

Technical data

| | | |
|-----------------------------|---|-------------------|
| Voltage | 100 V; 120 V; 230 V | |
| Frequency | 50/60 Hz | |
| Power | 1500-3450 W | |
| Speed | 1-10 m/min | 3.28-32.81 ft/min |
| Temperature | 100-600 °C | 212-1112 °F |
| Air volume adjustable | Yes | |
| Welding nozzle / seam width | 30-40 mm | 1.18-1.57 in |
| Welding materials | Bitumen; ECB; EPDM; EVA; FPO; PIB; PVC; TPE; TPO; TPU | |
| LQS | No | |
| Brushless blower motor | No | |
| Brushless drive motor | Yes | |
| Length | 475 mm | 18.7 in |
| Width | 244 mm | 9.6 in |
| Height | 260 mm | 10.23 in |
| Weight | 17 kg | 37.47 lb |
| Power cable length | 3 m | 9.84 ft |
| Approvals | CB Certification; CE; UKCA | |
| Protection class | I | |
| Country of origin | Switzerland | |

Product items

| | |
|---|---------|
| UNIROOF 300, 230V/3450W, 40mm, EU plug | 168.634 |
| UNIROOF 300, 120V/1800W, 40mm, US plug | 168.635 |
| UNIROOF 300, 100V/1500W, 40mm, JP plug | 168.636 |
| UNIROOF 300, 230V/3450W, 40mm, CEE 3/16 | 168.637 |
| UNIROOF 300, 230V/3450W, 30mm, EU plug | 168.638 |
| UNIROOF 300, 230V/3450W, 40mm, w/o plug | 168.639 |
| UNIROOF 300, 230V/3450W, 40mm, CH plug | 176.841 |



Configure product

Nozzles



170.119
Inseam scraping nozzle, 40 mm, UNIROOF

Machine specific accessories



176.939
Roof structure profil kit universal, UNIROOF 700/300



137.843
Guide bar top



177.020
Bitumen kit 80 mm complete, UNIROOF 700/300



154.522
Transport axis, 300 mm



152.706
Transport axis 210 mm, with movable wheels



167.345
Nozzle adjustment gauge UNIROOF 700/300

Spare parts



145.604
Heating element, 120V/2300W



163.951
Heating element, 100V/2000W



155.473
Heating element, 230V/3300W

All accessories can be found from page 22.

UNIDRIVE 500



UNIDRIVE 500 semi-automatic welding machine combines manual and automatic welding in a handy plastic welding device. Developed for small roofs, skylight welding, roof connections and small terraces.

Technical data

| | | |
|-----------------------------|--|-------------------|
| Voltage | 100 V; 120 V; 230 V | |
| Frequency | 50/60 Hz | |
| Power | 1500-2300 W | |
| Speed | 0.7-4.5 m/min | 2.29-14.76 ft/min |
| Temperature | 100-580 °C | 212-1076 °F |
| Air volume adjustable | Yes | |
| Welding nozzle / seam width | 15-40 mm | 0.59-1.57 in |
| Welding materials | ECB; EPDM; EVA; FPO; PIB; PO; PU; PVC; TPE; TPO; TPU | |
| LQS | No | |
| Display | Yes | |
| Brushless blower motor | Yes | |
| Brushless drive motor | Yes | |
| Reversible drive | Yes | |
| Length | 275 mm | 10.82 in |
| Width | 173 mm | 6.81 in |
| Height | 297 mm | 11.69 in |
| Weight | 4.5 kg | 9.92 lb |
| Power cable length | 3 m | 9.84 ft |
| Approvals | CB Certification; CE; UKCA | |
| Protection class | I | |
| Country of origin | Switzerland | |

Product items

| | |
|--|---------|
| UNIDRIVE 500, 230V/2300W, 40mm, EU plug | 163.144 |
| UNIDRIVE 500, 230V/2300W, 40mm, CH plug | 163.145 |
| UNIDRIVE 500, 230V/2300W, 40mm, CEE 3/16 | 163.146 |
| UNIDRIVE 500, 120V/1800W, 40mm, US plug | 163.147 |
| UNIDRIVE 500, 120V/1800W, 40mm, CEE 3/16 | 163.148 |
| UNIDRIVE 500, 100V/1500W, 40mm, JP plug | 163.149 |
| UNIDRIVE 500, 230V/2300W, 30mm, EU plug | 163.150 |
| UNIDRIVE 500, 230V/2300W, 40mm steel rollers, CEE 3/16 | 163.151 |
| UNIDRIVE 500, 230V/2300W, 15mm steel rollers, CEE 3/16 | 163.152 |
| UNIDRIVE 500, 230V/2300W, 40mm, w/o plug | 179.197 |



**Configure
product**

Nozzles



164.586
Overlap welding nozzle 15 mm



164.576
Overlap welding nozzle 30 mm



170.120
Inseam scraping nozzle, 40 mm

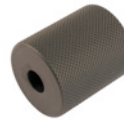


178.119
Overlap welding nozzle left 40 mm

Machine specific accessories



163.930
Pressure roller 15 mm



163.357
Pressure roller 40 mm



162.551
Support roller

Spare parts



145.582
Heating element, 230V/2200W



165.176
Heating element, 120V/2100W



165.179
Heating element, 100V/1600W

All accessories can be found from page 22.



TRIAC AT



The TRIAC AT heat gun is designed to weld and mold plastic. The temperature and air quantity can be set separately by means of its e-Drive control unit.

Technical data

| | | |
|--------------------------------|----------------------------|---------------|
| Voltage | 100 V; 120 V; 220 V; 230 V | |
| Frequency | 50/60 Hz; 60 Hz | |
| Power | 1500-1600 W | |
| Temperature | 40-620 °C | 104-1148 °F |
| Temperature setting stepless | Yes | |
| Airflow (20°C) | 120-240 l/min | 4.23-8.47 cfm |
| Stepless air volume adjustment | Yes | |
| Static pressure | 3000 Pa | 0.43 psi |
| Eco-Mode | Yes | |
| Display | Yes | |
| e-Drive | Yes | |
| Outdoor use | Yes | |
| Nozzle connection ø | 31.5 mm / 1.25 in; M14 | |
| Length | 335 mm | 13.18 in |
| Device diameter | 90 mm | 3.54 in |
| Handle diameter | 56 mm | 2.2 in |
| Weight | 1.02 kg | 2.24 lb |
| Power cable length | 3 m | 9.84 ft |
| Noise emission level | 67 dB (A) | |
| Approvals | CE; KC; S+; cULus | |
| Protection class | II | |
| Country of origin | Switzerland | |

Product items

| | |
|------------------------------------|---------|
| TRIAC AT, 230V/1600W, EU plug | 141.314 |
| TRIAC AT, 120V/1600W, US plug | 141.316 |
| TRIAC AT, 100V/1500W, JP plug | 141.317 |
| TRIAC AT, 120V/1600W, CEE 3/16 | 141.319 |
| TRIAC AT, 230V/1600W, UK plug | 141.320 |
| TRIAC AT, 230V/1600W, AU plug | 141.321 |
| TRIAC AT, 230V/1600W, CH plug | 141.322 |
| TRIAC AT, 230V/1600W, CN plug | 141.323 |
| TRIAC AT, 230V/1600W, M14, EU plug | 142.737 |
| TRIAC AT, 220V/1600W, KR plug | 148.005 |

Nozzles



107.123
Wide slot nozzle (ø 31.5) 20 x 2 mm



107.132
Wide slot nozzle (ø 31.5) 40 x 2 mm



107.124
Wide slot nozzle (ø 31.5) 20 x 2 mm



105.503
Wide slot nozzle (ø 31.5) 20 x 2 mm



105.487
Wide slot nozzle (ø 31.5) 20 x 2 mm



100.303
Tubular nozzle (ø 31.5) ø 5 mm, 37 mm



106.991
Speed welding nozzle (ø 8.0) Profile D ø 5



107.131
Wide slot nozzle (ø 31.5) 80 x 2 mm

Spare parts



142.717
Heating element, 230V/1550W



142.718
Heating element, 120V/1550W



Configure
product

All accessories can be found from page 22.

TRIAC ST



The TRIAC ST is a robust, universally versatile heat gun for welding plastic membranes, and shrinking and molding various thermoplastics.

Technical data

| | | |
|--------------------------------|----------------------------|-------------|
| Voltage | 100 V; 120 V; 220 V; 230 V | |
| Frequency | 50/60 Hz; 60 Hz | |
| Power | 1500-1600 W | |
| Temperature | 40-700 °C | 104-1292 °F |
| Temperature setting stepless | Yes | |
| Airflow (20°C) | 240 l/min | 8.47 cfm |
| Stepless air volume adjustment | No | |
| Static pressure | 3000 Pa | 0.43 psi |
| Eco-Mode | No | |
| Display | No | |
| e-Drive | No | |
| Outdoor use | Yes | |
| Nozzle connection ø | 31.5 mm / 1.25 in; M14 | |
| Length | 338 mm | 13.3 in |
| Device diameter | 90 mm | 3.54 in |
| Handle diameter | 56 mm | 2.2 in |
| Weight | 0.99 kg | 2.18 lb |
| Power cable length | 3 m | 9.84 ft |
| Noise emission level | 67 dB (A) | |
| Approvals | CE; KC; S+; cULus | |
| Protection class | II | |
| Country of origin | Switzerland | |

Product items

| | |
|------------------------------------|---------|
| TRIAC ST, 230V/1600W, EU plug | 141.227 |
| TRIAC ST, 120V/1600W, US plug | 141.228 |
| TRIAC ST, 100V/1500W, JP plug | 141.230 |
| TRIAC ST, 120V/1600W, CEE 3/16 | 141.308 |
| TRIAC ST, 230V/1600W, UK plug | 141.309 |
| TRIAC ST, 230V/1600W, AU plug | 141.310 |
| TRIAC ST, 230V/1600W, CH plug | 141.311 |
| TRIAC ST, 230V/1600W, CN plug | 141.312 |
| TRIAC ST, 230V/1600W, M14, EU plug | 144.013 |
| TRIAC ST, 220V/1600W, KR plug | 153.891 |

Nozzles



107.123
Wide slot nozzle (ø 31.5) 20 x 2 mm



107.132
Wide slot nozzle (ø 31.5) 40 x 2 mm



107.124
Wide slot nozzle (ø 31.5) 20 x 2 mm



105.503
Wide slot nozzle (ø 31.5) 20 x 2 mm



105.487
Wide slot nozzle (ø 31.5) 20 x 2 mm



100.303
Tubular nozzle (ø 31.5) ø 5 mm, 37 mm



106.991
Speed welding nozzle (ø 8.0) Profile D ø 5



107.131
Wide slot nozzle (ø 31.5) 80 x 2 mm

Spare parts



142.717
Heating element, 230V/1550W



142.718
Heating element, 120V/1550W



Configure
product

All accessories can be found from page 22.

ELECTRON ST



With a power of 3400 Watts, the ELECTRON ST is an especially strong heat gun. Well-suited for professional welding of modified bitumen and thermoplastics with high material strength.

Technical data

| | | |
|--------------------------------|----------------------------|-------------|
| Voltage | 120 V; 200 V; 220 V; 230 V | |
| Frequency | 50/60 Hz; 60 Hz | |
| Power | 2300-3400 W | |
| Temperature | 40-650 °C | 104-1202 °F |
| Temperature setting stepless | Yes | |
| Airflow (20°C) | 360 l/min | 12.71 cfm |
| Stepless air volume adjustment | No | |
| Static pressure | 3400 Pa | 0.49 psi |
| Eco-Mode | No | |
| Display | No | |
| e-Drive | No | |
| Outdoor use | Yes | |
| Nozzle connection ø | 50 mm / 2 in | |
| Length | 338 mm | 13.3 in |
| Device diameter | 90 mm | 3.54 in |
| Handle diameter | 56 mm | 2.2 in |
| Weight | 1.18 kg | 2.6 lb |
| Power cable length | 3 m | 9.84 ft |
| Noise emission level | 67 dB (A) | |
| Approvals | CE; KC; S+ | |
| Protection class | II | |
| Country of origin | Switzerland | |

Product items

| | |
|-----------------------------------|---------|
| ELECTRON ST, 120V/2400W, US plug | 145.562 |
| ELECTRON ST, 120V/2400W, CEE 3/32 | 145.563 |
| ELECTRON ST, 200V/3000W, JP plug | 145.564 |
| ELECTRON ST, 230V/3400W, AU plug | 145.565 |
| ELECTRON ST, 230V/3400W, CN plug | 145.566 |
| ELECTRON ST, 230V/3400W, EU plug | 145.567 |
| ELECTRON ST, 230V/3400W, CEE 3/16 | 145.568 |
| ELECTRON ST, 230V/3400W, w/o plug | 145.574 |
| ELECTRON ST, 230V/3400W, CH plug | 146.370 |
| ELECTRON ST, 230V/2300W, EU plug | 149.673 |
| ELECTRON ST, 220V/3400W, KR plug | 154.839 |



**Configure
product**

Nozzles



107.258
Wide slot nozzle (ø 50.0) 70 x 10 mm



107.653
Wide slot nozzle (ø 50.0) 75 x 2 mm



107.270
Wide slot nozzle (ø 50.0) 150 x 12 mm



142.281
Wide slot nozzle (ø 50.0) 74 x 3 mm

Machine specific accessories



151.068
Stand ELECTRON ST

Spare parts



145.606
Heating element, 230V/3300W



145.604
Heating element, 120V/2300W

All accessories can be found from page 22.

HOT JET S



The HOT JET S is a particularly compact and handy heat gun. Equipped with an ergonomic handle and infinitely adjustable temperature, the HOT JET S is ideal for longer welding work.

Technical data

| | | |
|--------------------------------|----------------------------|--------------|
| Voltage | 100 V; 120 V; 220 V; 230 V | |
| Frequency | 50/60 Hz; 60 Hz | |
| Power | 460 W | |
| Temperature | 20-600 °C | 68-1112 °F |
| Temperature setting stepless | Yes | |
| Airflow (20°C) | 20-80 l/min | 0.7-2.82 cfm |
| Stepless air volume adjustment | Yes | |
| Static pressure | 1600 Pa | 0.23 psi |
| Eco-Mode | No | |
| Display | No | |
| e-Drive | No | |
| Outdoor use | Yes | |
| Nozzle connection ø | 21.3 mm / 0.85 in | |
| Length | 235 mm | 9.25 in |
| Device diameter | 70 mm | 2.75 in |
| Handle diameter | 40 mm | 1.57 in |
| Weight | 0.36 kg | 0.79 lb |
| Power cable length | 3 m | 9.84 ft |
| Noise emission level | 56 dB (A) | |
| Approvals | CE; KC; S+; UL | |
| Protection class | II | |
| Country of origin | Switzerland | |

Product items

| | |
|--------------------------------|---------|
| HOT-JET S, 230V/460W, EU plug | 100.648 |
| HOT-JET S, 230V/460W, CH plug | 100.688 |
| HOT-JET S, 230V/460W, AU plug | 100.854 |
| HOT-JET S, 120V/460W, US plug | 100.859 |
| HOT-JET S, 120V/460W, w/o plug | 100.862 |
| HOT-JET S, 100V/460W, JP plug | 100.863 |
| HOT-JET S, 230V/460W, CN plug | 138.414 |
| HOT-JET S, 220V/460W, KR plug | 140.030 |



Configure product

Nozzles



107.141
Wide slot nozzle (ø 21.3) 15 x 2 mm



107.142
Wide slot nozzle (ø 21.3) 20 x 2 mm



105.549
Wide slot nozzle (ø 21.3) 10 x 2 mm



107.144
Tubular nozzle (ø 21.3) ø 5 mm, 41 mm



105.556
Wide slot nozzle (ø 21.3) 20 x 2 mm



106.991
Speed welding nozzle (ø 8.0) Profile D ø 5

Spare parts



100.818
Heating element, 230V/435W



103.607
Heating element, 120V/435W



103.606
Heating element, 100V/435W

All accessories can be found from page 22.

NEXHEAT 300 A-LP



The NEXHEAT 300 A-LP Cordless Heating Blower with adjustable temperature (50-500 °C/122-932 °F) and air volume is ideal for repairs and detailed work. Mobile and battery-powered - perfect for construction and industry.

Technical data

| | | |
|--------------------------------|-------------------|---------------|
| Voltage battery | 18 V | |
| Battery capacity | 144 Wh | |
| Power | 600 W | |
| Temperature | 50-500 °C | 122-932 °F |
| Temperature setting stepless | No | |
| Airflow (20°C) | 50-150 l/min | 1.76-5.29 cfm |
| Stepless air volume adjustment | No | |
| Eco-Mode | No | |
| Display | Yes | |
| e-Drive | Yes | |
| Outdoor use | Yes | |
| Battery operation | Yes | |
| Battery included | No | |
| Nozzle connection ø | 36.5 mm / 1.45 in | |
| Length | 178 mm | 7 in |
| Width | 72 mm | 2.83 in |
| Handle diameter | 33 mm | 1.29 in |
| Noise emission level | < 67 dB (A) | |
| Approvals | CE | |
| Country of origin | Switzerland | |

Product items

| | |
|--------------------------------|---------|
| NEXHEAT 300 A-LP, 18V/600W, EU | 179.254 |
| NEXHEAT 300 A-LP, 18V/600W, US | 179.256 |



Configure product

NEXHEAT 300 A-LP Overlap welding kit



The NEXHEAT 300 A-LP battery hot-air blower in the kit offers 50-500 °C (122-932 °F) adjustable temperature, five air levels and wireless freedom. Ideal for plastic welding - mobile, efficient and perfect for industry and construction site.

Technical data

| | | |
|--------------------------------|-------------------|---------------|
| Temperature | 50-500 °C | 122-932 °F |
| Temperature setting stepless | No | |
| Airflow (20°C) | 50-150 l/min | 1.76-5.29 cfm |
| Stepless air volume adjustment | No | |
| Eco-Mode | No | |
| Display | Yes | |
| e-Drive | Yes | |
| Outdoor use | Yes | |
| Battery operation | Yes | |
| Nozzle connection ø | 36.5 mm / 1.45 in | |
| Length | 178 mm | 7 in |
| Width | 72 mm | 2.83 in |
| Handle diameter | 33 mm | 1.29 in |
| Noise emission level | < 67 dB (A) | |
| Approvals | CE | |
| Country of origin | Switzerland | |

Product items

| | |
|---|---------|
| NEXHEAT 300 A-LP, 18V/600W, Overlap welding kit, EU/CH plug | 179.255 |
| NEXHEAT 300 A-LP, 18V/600W, Overlap welding kit, US plug | 179.257 |

The Overlap welding kit is only available in Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Netherlands, Norway, Poland, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United States.



Configure product

Nozzles



106.998
Wide slot nozzle (ø 36.5) 20 x 2 mm



106.999
Wide slot nozzle (ø 36.5) 40 x 2 mm

Machine specific accessories



179.259
Tool case



Accessories Welding Machines

Nozzles



176.291
Power scraping nozzle, 40 mm, VARIMAT 700/500/300
VARIMAT 300, VARIMAT 500, VARIMAT 700



176.978
Overlap welding nozzle 20 mm, VARIMAT 700/500/300
VARIMAT 300, VARIMAT 500, VARIMAT 700



178.172
Overlap welding nozzle 30 mm, VARIMAT 700/500/300
VARIMAT 300, VARIMAT 500, VARIMAT 700



138.048
Overlap welding nozzle 75 mm BITUMAT B2
BITUMAT B2



138.047
Overlap welding nozzle 100 mm BITUMAT B2
BITUMAT B2



178.119
Overlap welding nozzle left 40 mm
UNIDRIVE 500



177.022
Overlap welding nozzle 30 mm, UNIROOF 700/300
UNIROOF 300, UNIROOF 700



164.586
Overlap welding nozzle 15 mm
UNIDRIVE 500



164.576
Overlap welding nozzle 30 mm
UNIDRIVE 500



170.120
Inseam scraping nozzle, 40 mm
UNIDRIVE 500



164.403
Overlap welding nozzle 40 mm
UNIDRIVE 500

Machine specific accessories



172.967
Power cable 5 m (Harting), CEE 5/16
VARIMAT 500, VARIMAT 700



172.968
Power cable 5 m (Harting), EU plug
VARIMAT 500, VARIMAT 700



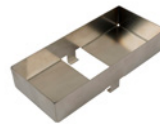
174.945
Power cable 5 m (Harting), w/o plug
VARIMAT 500, VARIMAT 700



174.946
Power cable 5 m (Harting), CEE 3/16
VARIMAT 500, VARIMAT 700



174.960
Power cable 3 m (Harting), KR plug
VARIMAT 500, VARIMAT 700



134.005
Accessories box VARIMAT 700/500/300
VARIMAT 300, VARIMAT 500, VARIMAT 700



174.323
Force sensor for additional weight detection
VARIMAT 500, VARIMAT 700



175.742
Plug (Harting) 6 pin/16A
VARIMAT 500, VARIMAT 700



171.490
Additional weight
VARIMAT 300, VARIMAT 500, VARIMAT 700



173.090
Nozzle adjustment gauge VARIMAT 700/500/300
VARIMAT 300, VARIMAT 500, VARIMAT 700



175.074
Rolling Transport Case VARIMAT 700/500/300
VARIMAT 300, VARIMAT 500, VARIMAT 700

Machine specific accessories



119.111
Assembly cone for silicone pressure rollers
VARIMAT 300, VARIMAT 500, VARIMAT 700



143.163
Silicone rubber roller \varnothing 62/81 x 51 mm, 25 Shore A
VARIMAT 300, VARIMAT 500, VARIMAT 700



176.977
Roof structure profil kit, VARIMAT 700/500/300
VARIMAT 300, VARIMAT 500, VARIMAT 700



137.895
Pressure roller 100 mm, with heel
BITUMAT B2



140.229
Pressure roller 100 mm, without heel
BITUMAT B2



140.228
Pressure roller 75 mm, without heel
BITUMAT B2



156.447
Pressure roller 80 mm
BITUMAT B2



158.222
Pressure roller 100 mm
BITUMAT B2



140.476
Lifting device BITUMAT B2
BITUMAT B2

Machine specific accessories



155.328
Bitumen kit 120 mm, BITUMAT B2
BITUMAT B2



137.896
Pressure roller 75 mm, with heel
BITUMAT B2



140.489
Equipment box
BITUMAT B2



137.843
Guide bar top
UNIROOF 300, UNIROOF 700



132.429
Welding plate
UNIROOF 300, UNIROOF 700, VARIMAT 300, VARIMAT 500, VARIMAT 700



154.522
Transport axis, 300 mm
UNIROOF 300, UNIROOF 700



152.706
Transport axis 210 mm, with movable wheels
UNIROOF 300, UNIROOF 700



167.345
Nozzle adjustment gauge UNIROOF 700/300
UNIROOF 300, UNIROOF 700



176.939
Roof structure profil kit universal, UNIROOF 700/300
UNIROOF 300, UNIROOF 700

Machine specific accessories



177.022
Overlap welding nozzle 30 mm, UNIROOF 700/300
UNIROOF 300, UNIROOF 700



177.020
Bitumen kit 80 mm complete, UNIROOF 700/300
UNIROOF 300, UNIROOF 700



177.021
Overlap welding nozzle 80 mm, UNIROOF 700/300
UNIROOF 300, UNIROOF 700



152.741
Additional weight lateral
UNIROOF 300, UNIROOF 700



152.742
Additional weight front
UNIROOF 300, UNIROOF 700



154.827
Tool case
UNIROOF 300, UNIROOF 700



155.577
Locking plate for additional weights
UNIROOF 300, UNIROOF 700



108.129
Guide bar top
UNIROOF 300, UNIROOF 700



163.930
Pressure roller 15 mm
UNIDRIVE 500



163.357
Pressure roller 40 mm
UNIDRIVE 500



162.551
Support roller
UNIDRIVE 500

Machine specific accessories



169.780
Support roll
UNIDRIVE 500



159.911
Pressure roller hub
UNIDRIVE 500



161.156
Silicone rubber roller \varnothing 22/36 x 49 mm, 50 Shore A
UNIDRIVE 500



164.605
Tool case
UNIDRIVE 500



156.531
Carrying strap
UNIDRIVE 500



167.248
Cable clamp complete
UNIDRIVE 500



Accessories Heat Guns

Nozzles



107.123
Wide slot nozzle (ø 31.5) 20 x 2 mm
TRIAC AT, TRIAC ST



107.132
Wide slot nozzle (ø 31.5) 40 x 2 mm
TRIAC AT, TRIAC ST



107.124
Wide slot nozzle (ø 31.5) 20 x 2 mm
TRIAC AT, TRIAC ST



105.503
Wide slot nozzle (ø 31.5) 20 x 2 mm
TRIAC AT, TRIAC ST



105.487
Wide slot nozzle (ø 31.5) 20 x 2 mm
TRIAC AT, TRIAC ST



100.303
Tubular nozzle (ø 31.5) ø 5 mm, 37 mm
TRIAC AT, TRIAC ST



107.129
Wide slot nozzle (ø 31.5) 60 x 2 mm
TRIAC AT, TRIAC ST



107.131
Wide slot nozzle (ø 31.5) 80 x 2 mm
TRIAC AT, TRIAC ST



105.527
Wide slot nozzle (ø 31.5) 40 x 8 mm
TRIAC AT, TRIAC ST



107.133
Wide slot nozzle (ø 31.5) 40 x 2 mm
TRIAC AT, TRIAC ST



105.475
Wide slot nozzle (ø 31.5) 20 x 2 mm
TRIAC AT, TRIAC ST

Nozzles



105.485
Wide slot nozzle (ø 31.5) 25 x 2 mm
TRIAC AT, TRIAC ST



105.494
Wide slot nozzle (ø 31.5) 30 x 2 mm
TRIAC AT, TRIAC ST



105.575
Tubular nozzle (ø 31.5) ø 5 mm, 100 mm
TRIAC AT, TRIAC ST



106.982
Tubular nozzle (ø 31.5) ø 5 mm, 150 mm
TRIAC AT, TRIAC ST



105.576
Tubular nozzle (ø 31.5) ø 5 mm, 30 x 60 mm
TRIAC AT, TRIAC ST



107.130
Wide slot nozzle (ø 31.5) 40 x 2 mm
TRIAC AT, TRIAC ST



107.125
Wide slot nozzle (ø 31.5) 20 x 2 mm
TRIAC AT, TRIAC ST



107.258
Wide slot nozzle (ø 50.0) 70 x 10 mm
ELECTRON ST



107.653
Wide slot nozzle (ø 50.0) 75 x 2 mm
ELECTRON ST



107.270
Wide slot nozzle (ø 50.0) 150 x 12 mm
ELECTRON ST



142.281
Wide slot nozzle (ø 50.0) 74 x 3 mm
ELECTRON ST

Nozzles



107.141
Wide slot nozzle (ø 21.3) 15 x 2 mm
HOT JET S



107.142
Wide slot nozzle (ø 21.3) 20 x 2 mm
HOT JET S



105.549
Wide slot nozzle (ø 21.3) 10 x 2 mm
HOT JET S



107.144
Tubular nozzle (ø 21.3) ø 5 mm, 41 mm
HOT JET S



105.556
Wide slot nozzle (ø 21.3) 20 x 2 mm
HOT JET S



106.989
Speed welding nozzle (ø 8.0) Profile D ø 3
HOT JET S, TRIAC AT, TRIAC ST



106.990
Speed welding nozzle (ø 8.0) Profile D ø 4
HOT JET S, TRIAC AT, TRIAC ST



106.991
Speed welding nozzle (ø 8.0) Profile D ø 5
HOT JET S, TRIAC AT, TRIAC ST

Machine specific accessories



116.586
Tool case
ELECTRON ST, TRIAC AT, TRIAC ST



107.348
Storage stand
ELECTRON ST, HOT JET S, TRIAC AT, TRIAC ST



169.010
Soldering iron kit, cylinder and tip shape
TRIAC AT



176.537
Soldering iron kit, tip and chisel shape
TRIAC AT



169.168
Copper iron tempered, for tip shape soldering
TRIAC AT



169.169
Copper iron tempered, for customized soldering
TRIAC AT



169.887
Copper iron tempered, for chisel shape soldering
TRIAC AT



169.176
Stand for soldering iron kit, TRIAC AT
TRIAC AT



169.011
Soldering iron adapter for TRIAC AT
TRIAC AT, TRIAC ST



151.068
Stand ELECTRON ST
ELECTRON ST

Further Accessories

General accessories



140.160
Pressure roller 40 mm, silicone



140.161
Pressure roller 28 mm, silicone



106.976
Pressure roller 28 mm, PTFE



175.657
Pressure roller 8 mm, PTFE



175.658
Pressure roller 8 mm, PTFE



106.972
Pressure roller 6 mm, brass



106.974
Pressure roller 80 mm, silicone



151.382
Kehlfix for plastic liners



153.009
Plastfix



151.188
Edge planer for T-joints



125.917
Blade sharpener

General accessories



172.482
Seam weld tester



174.048
Seam weld tester



172.483
Seam weld tester multitool



138.817
Wire brush, stainless steel



129.656
Wire brush, stainless steel



116.798
Wire brush, brass



151.847
Cylinder brush, brass ø 15 mm



100.530
Allen wrench 4 mm



150.715
Screwdriver, Torx T20



157.544
Utility scissors, 260 mm/10.2 in














137.855
Utility Knife

General accessories

| | |
|---|---|
|  | 138.902 Hook blade (100 pcs) |
|  | 138.539 Trapezoid blade (100 pcs) |
|  | 160.353 Cable reel 25 m (PUR), 5 x 2.5 mm ² , CEE 400V/16A; 2xEU 3/16, 1xCEE 5/16 |
|  | 161.152 Cable reel 25 m (PUR), 5 x 2.5 mm ² , CEE 400V/16A; 2xT23 (IP55), 1xCEE 5/16 |
|  | 161.207 Cable reel 25 m (PUR), 5 x 2.5 mm ² , CEE 400V/16A; 2xFR,BE,CZ,PL Type E, 1xCEE 5/16 |
|  | 164.048 Cable roll 45 m (PUR), 3 x 2.5 mm ² , EU 230V/16A; 4xEU 3/16 |
|  | 169.190 Cable reel 45 m (PUR), 3 x 2.5 mm ² , T23 (IP55) 230V/16A; 4xT23 (IP55) |
|  | 117.777 Extension cable 15 m (PUR), 3 x 2.5 mm ² , T23 (IP55) |
|  | 160.015 Extension cable 15 m (PUR), 5 x 2.5mm ² , CEE 400V/16A |
|  | 159.239 Extension cable 15 m (PUR), 3 x 2.5 mm ² , EU 230V/16A |

Testing equipment

| | |
|--|--|
|  | 144.000 VACUUM PLATE 100-LP, 18.0V/4.0Ah, EU/CH plug |
|  | 144.800 VACUUM PLATE 100-LP, w/o battery, w/o charger |
|  | 139.059 EXAMO 300F USB, 230V/200W, EU plug |
|  | 139.060 EXAMO 600F USB, 230V/200W, EU plug |
|  | 134.832 Test and calibration kit for EXAMO |
|  | 144.416 USB memory stick, 16 GB |
|  | 136.961 Temperature measuring device G1200 |
|  | 136.963 Insertion probe type K, ø 1.5 x 100 mm |
|  | 142.570 Tool case |
|  | 159.514 Welding seam test template |
|  | 119.093 USB-A cable for GPS live tracker |



11:21 74%

Designation
TPO/FPO

Hot air temperature [°C]
450

Upper temperature limit [°C]
500

Lower temperature limit [°C]
430

Speed [m/min]
4.5

Upper speed limit [m/min]
5.0

Lower speed limit [m/min]
3.5

Clamping force [N]

Voltage [V] Nozzle

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Galileo-Strasse 10
6056 Kaegiswil
Switzerland

+41 41 662 74 74
leister@leister.com
leister.com

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