



Roofing



Market Segment Brochure



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.

Content

Leister – Global Leader in Plastics Processing

Page 4

Global Presence and Customer Proximity

Page 5

Welding Machines

Page 8

Heat Guns

Page 18

Accessories

Page 22

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.

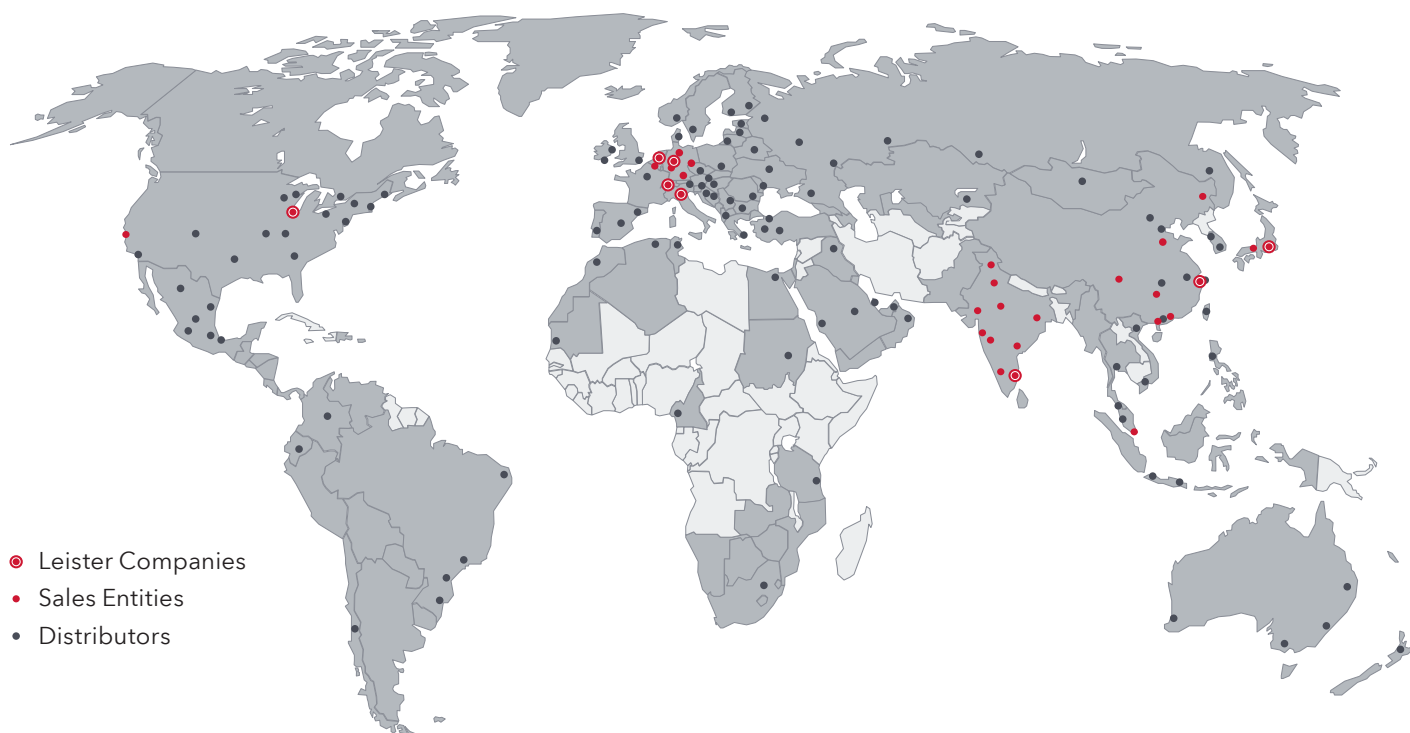


Global Presence and Customer Proximity

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

**Find a dealer
nearby**







Welding Machines

VARIMAT 700	8
VARIMAT 500	9
VARIMAT 300	11
BITUMAT B2	13
UNIROOF 700	14
UNIROOF 300	15
UNIDRIVE 500	16

Heat Guns

TRIAC AT	18
TRIAC ST	19
ELECTRON ST	20
HOT JET S	21

Accessories

Accessories Welding Machines	22
Accessories Heat Guns	26
Further Accessories	28

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



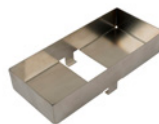
172.968
Power cable 5 m (Harting), EU plug



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 20.

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; UKCA	
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

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



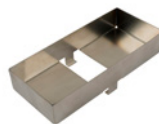
172.968
Power cable 5 m (Harting), EU plug



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 20.



**Configure
product**



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; UKCA	
Protection class	I	
Country of origin	Switzerland	

Product items

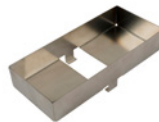
VARIMAT 300, 400V/5700W, 40mm, CEE 5/16	173.184
VARIMAT 300, 230V/3680W, 40mm, EU plug	173.185
VARIMAT 300, 230V/3680W, 40mm, CEE 3/16	173.186
VARIMAT 300, 230V/3680W, 40mm, °F, w/o plug	174.616

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



**Configure
product**

All accessories can be found from page 20.



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 20.

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 20.

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 20.

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

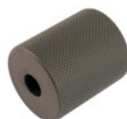


178.119
Overlap welding nozzle left 40 mm

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 20.



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



**Configure
product**

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

All accessories can be found from page 20.

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 20.

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 20.

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

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



**Configure
product**

All accessories can be found from page 20.

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



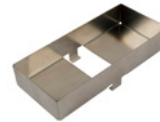
174.945
Power cable 5 m (Harting), w/o plug
VARIMAT 500, VARIMAT 700



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 ø 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



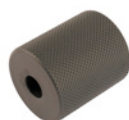
155.577
Locking plate for additional weights
UNIROOF 300, UNIROOF 700



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 ø 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
111

Legal Notices

Contents

We endeavor to ensure all information is correct, up-to-date and complete while carefully preparing the contents of this brochure. We cannot assume any liability for the information offered. We reserve the right to change or update all information provided at any time without further notice.

Copyright/Industrial Property Rights

Texts, images, graphics and their arrangement are subject to copyright protection and other protective laws. The reproduction, modification, transfer or publication of part or all of the contents of this brochure is prohibited in any form, except for private, non-commercial purposes.

All marks contained in this brochure (protected trademarks, such as logos and business designations) are the property of Leister AG, Leister Brands AG or third parties and may not be used, copied or distributed without prior written consent.

Modifications

Modifications can be made at any time.

© Leister AG
Galileo-Strasse 10
6056 Kaegiswil
Switzerland

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

**Sign up now
for the newsletter**



Leister