



Flooring and Interior Decoration



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.

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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.

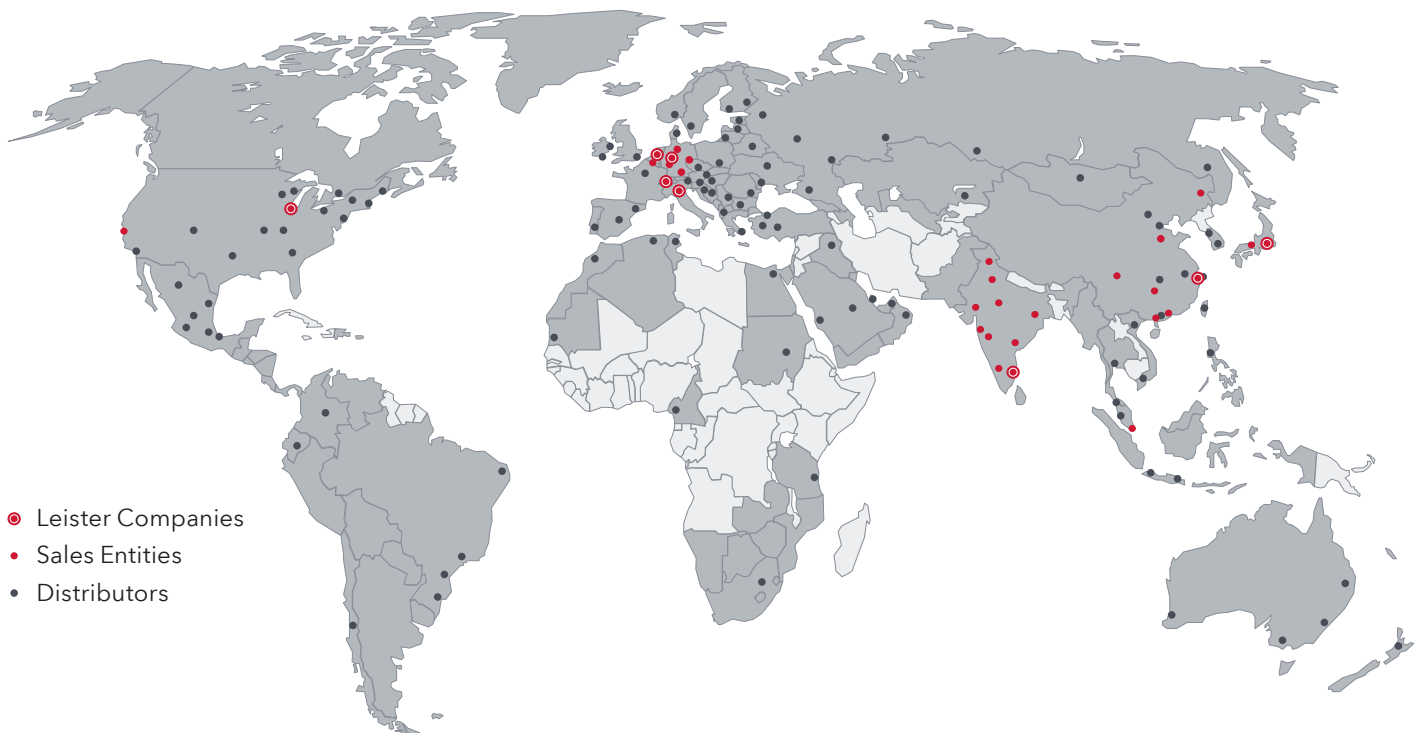


Global Presence and Customer Proximity

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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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+; UL	
Protection class	II	
Country of origin	CH	

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

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



Configure
product

Nozzles



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



107.139
Speed welding nozzle (ø 8.0) Profile C 12 x 4.5



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



107.137
Speed welding nozzle (ø 8.0) Profile C 8x2



105.575
Tubular nozzle (ø 31.5) ø 5 mm, 100 mm



106.993
Speed welding nozzle (ø 8.0) Profile B 70-7



105.429
Tubular nozzle (ø 31.5) ø 5 mm, 200 mm



106.992
Speed welding nozzle (ø 8.0) Profile A 90-5.7



105.433
Speed welding nozzle (ø 8.0) Profile D ø 5



165.937
Smoothing nozzle (ø 8.0)



105.432
Speed welding nozzle (ø 8.0) Profile D ø 4



105.431
Speed welding nozzle (ø 8.0) Profile D ø 3



159.848
Speed welding nozzle (ø 8.0) Profile D ø 5



160.550
Speed welding nozzle (ø 8.0) Profile D ø 3

TRIAC ST EASYFLOOR Kit



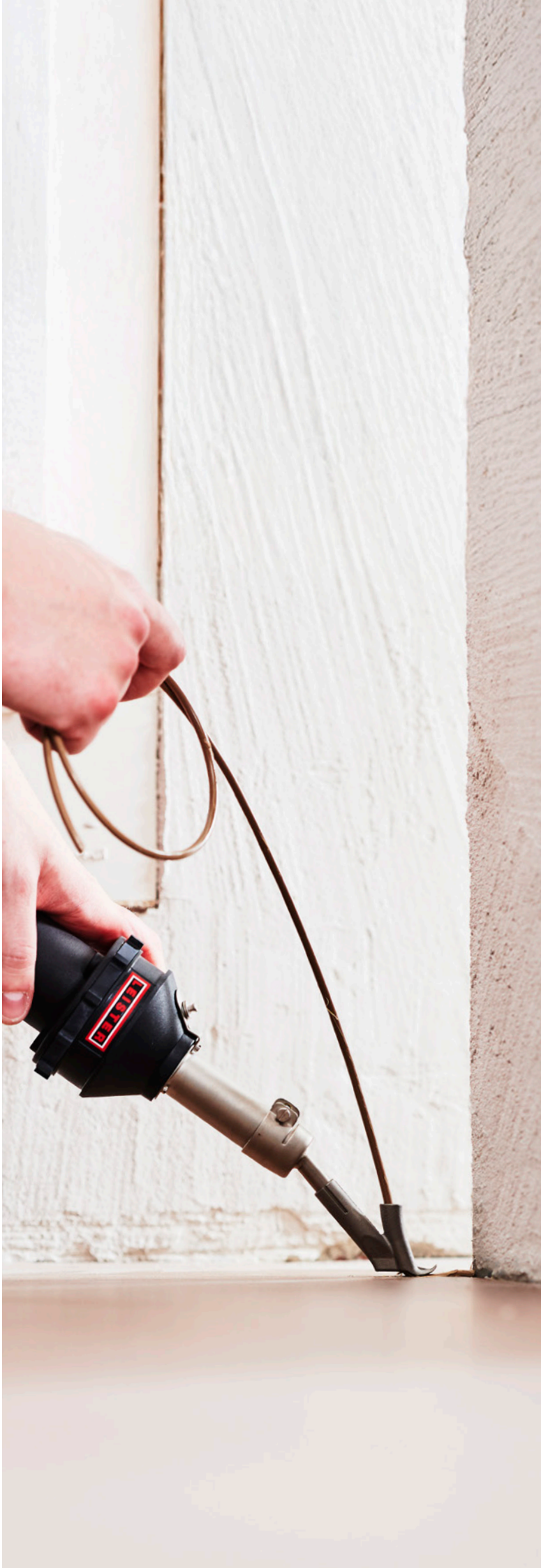
The TRIAC ST EASYFLOOR Kit is ideal for sealing joints in resilient floor coverings. In addition to the TRIAC ST hot air blower and EASYFLOOR equipment holder, the kit includes four useful accessories.

Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	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	
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; UL	
Protection class	II	
Country of origin	CH	

Product items

TRIAC ST, 230V/1600W, EASYFLOOR Kit, EU plug	163.136
TRIAC ST, 120V/1600W, EASYFLOOR Kit, US plug	163.243



Configure
product

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	CH	

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



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



131.867
Tubular nozzle (ø 21.3) ø 5 mm, 30 x 60 mm



105.567
Tubular nozzle (ø 21.3) ø 5 mm, 150 mm



105.433
Speed welding nozzle (ø 8.0) Profile D ø 5



105.432
Speed welding nozzle (ø 8.0) Profile D ø 4



105.431
Speed welding nozzle (ø 8.0) Profile D ø 3



159.848
Speed welding nozzle (ø 8.0) Profile D ø 5



160.550
Speed welding nozzle (ø 8.0) Profile D ø 3



107.139
Speed welding nozzle (ø 8.0) Profile C 12 x 4.5



106.993
Speed welding nozzle (ø 8.0) Profile B 70-7



106.992
Speed welding nozzle (ø 8.0) Profile A 90-5.7



165.937
Smoothing nozzle (ø 8.0)



**Configure
product**

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

Nozzles



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



148.933
Protective tube



**Configure
product**

General accessories can be found on page 22.



SOLANO AT



The SOLANO AT is the first digital heat gun that supports real temperature calibration in connection with the myLeister app (iOS, Android, Windows), regardless of any attached nozzle. The Eco-Mode helps to reduce electricity costs.

Technical data

Voltage	100 V; 120 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	1500-2300 W	
Temperature	50-650 °C	122-1202 °F
Temperature setting stepless	Yes	
Airflow (20°C)	210-350 l/min	7.41-12.36 cfm
Stepless air volume adjustment	Yes	
Static pressure	2300 Pa	0.33 psi
Eco-Mode	Yes	
Display	Yes	
e-Drive	No	
Outdoor use	No	
Nozzle connection ø	36.5 mm / 1.45 in	
Length	270 mm	10.62 in
Width	75 mm	2.95 in
Handle diameter	45 mm	1.77 in
Weight	0.75 kg	1.65 lb
Power cable length	3 m	9.84 ft
Noise emission level	< 65 dB(A)	
Approvals	CE; KC; S+; UL	
Protection class	II	
Country of origin	Switzerland	

Product items

SOLANO AT, 230V/2300W, EU plug	162.263
SOLANO AT, 230V/2300W, CH plug	162.265
SOLANO AT, 230V/2300W, UK plug	162.267
SOLANO AT, 230V/2300W, AU plug	162.269
SOLANO AT, 220V/2100W, KR plug	162.271
SOLANO AT, 120V/1800W, US plug	162.273
SOLANO AT, 100V/1500W, JP plug	162.275
SOLANO AT, 230V/2300W, CN plug	162.277



Configure
product



UNIFLOOR 500



The automatic floor welder, UNIFLOOR 500, is suitable for welding resilient floor coverings made of plastic and anti-static ESD floors, as well as natural coverings made of linoleum and rubber.

Technical data

Voltage	100 V; 120 V; 230 V	
Frequency	50/60 Hz	
Power	1500-2300 W	
Speed	0.7-7.5 m/min	2.29-24.6 ft/min
Temperature	100-560 °C	212-1040 °F
Air volume adjustable	Yes	
Welding materials	CV; LVT; Linoleum; PUR; PVC; Rubber	
LQS	No	
Brushless blower motor	Yes	
Brushless drive motor	Yes	
Length	562 mm	22.12 in
Width	289 mm	11.37 in
Height	440 mm	17.32 in
Weight	15.5 kg	34.17 lb
Power cable length	3 m	9.84 ft
Approvals	CB Certification; CE; UKCA	
Protection class	I	
Country of origin	CH	

Product items

UNIFLOOR 500, 230V/2300W, EU plug	169.612
UNIFLOOR 500, 230V/2300W, CEE 3/16	169.613
UNIFLOOR 500, 230V/2300W, CH plug	169.614
UNIFLOOR 500, 120V/1800W, US plug	169.615
UNIFLOOR 500, 120V/1800W, w/o plug	169.616
UNIFLOOR 500, 100V/1500W, JP plug	169.617

Machine specific accessories



170.556
Nozzle adjustment gauge



169.251
Side cutter



**Configure
product**

General accessories can be found on page 22.

MINIFLOOR



The MINIFLOOR drive unit is economical and versatile with its ability to transform the TRIAC into a practical, automatic floor welder.

Technical data

Voltage	110 V; 120 V; 230 V	
Frequency	50/60 Hz	
Power	5 W	
Speed	0.5-4.5 m/min	1.64-14.76 ft/min
Welding materials	CV; LVT; Linoleum; PUR; PVC; Rubber	
LQS	No	
Brushless drive motor	No	
Length	310 mm	12.2 in
Width	225 mm	8.85 in
Height	245 mm	9.64 in
Weight	5.3 kg	11.68 lb
Power cable length	3 m	9.84 ft
Approvals	CE; UKCA	
Protection class	I	
Country of origin	Switzerland	

Product items

MINIFLOOR drive unit, 230V/5W, EU plug	154.330
MINIFLOOR drive unit, 230V/5W, CH plug	154.334
MINIFLOOR drive unit, 120V/5W, US plug	154.335
MINIFLOOR drive unit, 230V/5W, w/o plug	154.336
MINIFLOOR drive unit, 110V/5W, CEE 3/16	154.337
MINIFLOOR drive unit, 230V/5W, AU plug	154.338
MINIFLOOR drive unit, 230V/5W, UK plug	157.685

Nozzles



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



105.433
Speed welding nozzle (ø 8.0) Profile D ø 5



105.432
Speed welding nozzle (ø 8.0) Profile D ø 4



105.431
Speed welding nozzle (ø 8.0) Profile D ø 3

Machine specific accessories



156.531
Carrying strap



154.723
Rubber insert set ø 64 mm

Spare parts



159.436
Guide roller 2 mm



163.870
Additional weight



**Configure
product**

General accessories can be found on page 22.



EASYFLOOR



The EASYFLOOR device holder fits all TRIAC models and enables stable device guidance during manual welding. It is a valuable aid in closing joints in PVC, linoleum and rubber flooring.

Technical data

Weight	0.37 kg	0.81 lb
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Product items

EASYFLOOR	173.478
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Configure
product



GROOVER 500-LP



The GROOVER 500-LP battery-operated grooving machine mills grooves for welding seams when laying resilient plastic and natural floor coverings such as linoleum and rubber. It's cordless, uses a general-purpose milling cutter and works quickly.

Technical data

Voltage battery	18 V	
Battery capacity	90 Wh	
Voltage	120 V; 230 V	
Power	90 W	
Milling blade type	Tungsten carbide parabolic - 12 teeth	
Milling blade diameter	130 mm	5.11 in
Milling depth	0-6 mm	0-0.23 in
Joint width	3.5 mm	0.13 in
Brushless drive motor	Yes	
Length	445 mm	17.51 in
Width	212 mm	8.34 in
Height	336 mm	13.22 in
Weight	5.5 kg	12.12 lb
Approvals	CB Certification; CE; UKCA	
Country of origin	CN	

Product items

GROOVER 500-LP, 18.0V/5.0Ah, EU/CH plug	167.451
GROOVER 500-LP, 18.0V/5.0Ah, US plug	168.171

Machine specific accessories



156.531
Carrying strap



167.024
Polycrystalline diamond cutter blade, ø 130 x 3.5 mm, T6, conical shape



167.025
Universal carbide milling blade, ø 130 x 2.8 mm, T12, parabolic form



167.026
Universal carbide milling blade, ø 130 x 3.5 mm, T12, parabolic form



167.027
Universal carbide milling blade, ø 130 x 4.5 mm, T12, parabolic form



168.946
Rear guide roller 4.5 mm



168.955
Roller adjustment tool

Spare parts



166.642
Vacuum cleaner adapter



166.869
Dust bag black



**Configure
product**

General accessories can be found on page 22.

GROOVER



The electric GROOVER cuts welding seams evenly in resilient floor coverings made of Vinyl (PVC), PE and linoleum.

Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	350-700 W	
Milling blade type	Tungsten carbide round - 10 teeth; Tungsten carbide trapezoidal - 10 teeth	
Milling blade diameter	110 mm	4.33 in
Milling depth	0-4 mm	0-0.15 in
Joint width	3.5 mm	0.13 in
Brushless drive motor	No	
Length	240 mm	9.44 in
Width	205 mm	8.07 in
Height	255 mm	10.03 in
Weight	6.7 kg	14.77 lb
Approvals	CE; S+; UKCA	
Protection class	II	
Country of origin	CH	

Product items

GROOVER, 230V/700W, trapezoidal, EU plug	108.393
GROOVER, 120V/700W, trapezoidal, US plug	108.395
GROOVER, 120V/700W, trapezoidal, UK plug	108.397
GROOVER, 230V/700W, round, EU plug	111.032
GROOVER, 230V/700W, trapezoidal, UK plug	112.238

Machine specific accessories



102.401
Carbide milling cutter ø 110 x 3.5 mm, trapezoid shape



102.402
Carbide milling cutter ø 110 x 4 mm, round



102.403
Carbide milling cutter ø 110 x 2.8 mm, round



102.405
Carbide milling cutter ø 110 x 3.5 mm, round



102.406
Diamond milling cutter ø 110 x 3.5 mm, semi-circular



**Configure
product**

General accessories can be found on page 22.

GROOVY



The GROOVY grooving tool is the lightweight, easy to use and handy flooring tool used to prepare the welding joints in resilient flooring made from PVC and linoleum.

Technical data

Milling depth	0.5-2.5 mm	0.01-0.09 in
Joint width	3.5 mm	0.13 in
Length	180 mm	7.08 in
Width	42 mm	1.65 in
Height	92 mm	3.62 in
Weight	0.29 kg	0.63 lb

Machine specific accessories



150.815
Joint blade 3.5 mm, GROOVY



154.717
Joint blade 2.5 mm, GROOVY

Spare parts



151.394
Protective cap GROOVY



154.279
Guide roller 1.8 mm, trapezoidal shape

Product items

GROOVY	150.809
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Configure
product

General accessories can be found on page 22.

Further Accessories

General accessories



117.000
Repulsion knife with 0.6 mm distance



157.544
Utility scissors, 260 mm/10.2 in



117.005
Replacement blades (5 pcs)



116.798
Wire brush, brass



117.007
Universal spacer 0.6 mm for 117.000



114.239
Cylinder brush, brass ø 5 mm



134.630
Trimming gouge



142.647
Cylinder brush, brass ø 3 mm



134.637
Replacement blades for trimming gouge



159.239
Extension cable 15 m (PUR), 3 x 2.5 mm², EU 230V/16A



106.969
Quarter moon knife including leather case



106.970
Pressure roller 7 mm, brass



122.541
Welding seam carriage



106.971
Pressure roller 7 mm, brass



137.855
Utility Knife



106.966
Hand grooving tool



138.902
Hook blade (100 pcs)



106.968
Replacement blade



138.539
Trapezoid blade (100 pcs)

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Galileo-Strasse 10
6056 Kaegiswil
Switzerland

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

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