













Hot-Air Hand Tools

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Product overview Hot-air hand tools

									
Type	TRIAC S	TRIAC ST	TRIAC AT	HOT JET S	GHIBLI	SONORA S1	ELECTRON ST	FORTE S3	HOTWIND PREMIUM
Voltage V~	230	230	230	230	230	230	230	3 × 230 / 3 × 400	230
Max. power W	1600	1600	1600	460	2000	2000	3400	10 000	3700
Temperature °C	20 – 700	40 – 700	40 – 650	20 – 600	20 – 600	80 – 650	40 – 650	20 – 650	20 – 650
Size mm (L × Ø)	340 × 90	338 × 90	335 × 90	235 × 70	195 × 85 × 160	230 × 200	338 × 90	390 × 132	232 × 106
Handle (Ø)	56	56	56	40	57		56	215	179
Weight kg (without cord)~	1.1	1.0	1.0	0.4	0.9	0.6	1.1	4.4	2.2
Conformity mark	CE	CE	CE	CE	CE	CE	CE	CE	CE
Approval mark	§		§	§	§	§		§	§
Certification scheme	CCA		CCA	CCA	CCA	CCA		CCA	CCA
Protection class	□	□	□	□	□	□	□	□	□
Applications									
Outdoor use	✓	✓	✓	✓			✓	✓	
Indoor use	✓	✓	✓	✓	✓	✓	✓	✓	✓
Roofing	✓	✓	✓	✓			✓		
Billboards / Tarpaulins	✓	✓	✓	✓	✓	✓	✓		
Civil engineering / Tunneling / Landfills	✓	✓	✓	✓			✓		
Plastic fabrication	✓	✓	✓	✓	✓		✓		
Flooring / Interior design	✓	✓	✓	✓	✓	✓	✓		
Shrinking	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated blower	✓	✓	✓	✓	✓	✓	✓	✓	✓
Digital display			✓			✓			
Catalog page	13	12	14	22	20	21	18	25	24

Product overview Hot-air hand tools and Blower

					
Type	LABOR S	WELDING PEN R / S	DIODE PID / S	MINOR	ROBUST
Voltage V~	230	230	230	230	3 × 230 / 3 × 400
Max. power W	800 / 900	1000	1600	100	250
Temperature °C	20 – 600	20 – 600	20 – 600		
Size mm (L × Ø)	180 × 54	270 × 43	265 × 57	250 × 95	255 × 221
Handle (Ø)	40	32	40	64	
Weight kg (without cord)~	0.15	1.0	1.15	1.15	8.0
Conformity Mark	CE	CE	CE	CE	CE
Approval mark	§	§	§	§	
Certification Scheme	CCA	CCA	CCA	CCA	
Protection Class	□	□	□	□	⊕
Applications					
Outdoor use					
Indoor use	✓	✓	✓	✓	✓
Roofing					
Billboards / Tarpaulins					
Civil engineering / Tunneling / Landfills					
Plastic fabrication	✓	✓	✓	✓	✓
Flooring / Interior design					
Shrinking					
Integrated blower				✓	✓
Digital display		✓ (R)	✓ (PID)		
Catalog page	30	26	28	29	27

TRIAC ST – Design meets experience

The new TRIAC ST from Leister is primarily used for welding and plastic fabrication. During its development, a deliberate choice was made to do without extra technical features. Instead it is distinguished by comfort, being reliable versatile and user friendly, like its predecessor the TRIAC S. A prominent feature here is the two-component handle, which is not only attractive, but also gives the user perfect grip. The low weight of less than 1 kg/2.18 lbs ensures a perfect weight balance. The innovative motor and turbine design, combined with the heating element

NEW!

Product advantage

1



Ergonomic handling:

The 2-component handle and perfect tool balance ensure ideal grip and optimum working even under the toughest conditions.

Perfect weight:

Weighing less than 1 kg, the TRIAC ST is even lighter than its predecessor.

2



Always keeps a cool head:

There is an actively cooled protective tube for greater work safety.

Design meets experience:

The TRIAC ST is already the seventh generation of Leister's revolutionary TRIAC hot-air hand tool line. Decades of experience packed into a modern design.

1

2

3

4



3



Swiss thoroughness:

The air filters, located on either side, can easily be removed and cleaned. This ensures optimum air flow and maximum power output.

4



Plug'n Leister

Like the TRIAC S, the TRIAC ST impresses with easy operation and Swiss quality.

Reliable partner:

The TRIAC ST has kept what is probably its predecessor's most important feature: It is and remains reliable!



familiar from the TRIAC AT, enhance its value even more. Also new are two air filters that can easily be removed and cleaned. More than 80 nozzles fit onto the TRIAC ST — also compatible with the TRIAC AT and TRIAC S — making all conceivable applications possible, both indoors and outdoors.

Hot-air hand tool

TRIAC ST



- Suitable for the work site
- The sturdy, professional hot-air hand tool that weighs less than 1 kg/2.18 lbs
- Functional design: two-component handle grip and optimum center of gravity ensure good ergonomics
- Quick clean air filters
- Automatic carbon stop and heating element protection provide automatic protective measures
- Swiss made
- 60 years of expertise in manufacturing hot-air hand tools – brought together in the new TRIAC ST

Technical data

Voltage	V~	120 / 230
Power	W	1600 / 1600
Temperature	°C	40 – 700
Size (L x Ø)	mm	338 x 90, handle Ø 56
Weight	kg	<1 (without power cord)
Conformity mark	CE	
Protection class II	□	

Article No.:

141.308	TRIAC ST 120V / 1600W for push-fit nozzles with UK-plug
141.309	TRIAC ST 230V / 1600W for push-fit nozzles with UK-plug
141.311	TRIAC ST 230 V / 1600 W for push-fit nozzles with CH plug
141.227	TRIAC ST 230 V / 1600 W for push-fit nozzles with Euro plug
144.013	TRIAC ST 230 V / 1600 W for screw-on nozzles with Euro plug

Hot-air hand tool

TRIAC S



- Suitable for the work site
- Robust and reliable
- Adaptor tube with heat protection
- Electronic heating element protection
- Multiple replacements of carbon brushes possible
- Swiss made
- Leister best-seller!

Technical data

Voltage	V~	120 / 230
Power	W	1600 / 1600
Temperature	°C	20 – 700
Size (L x Ø)	mm	340 x 90, handle Ø 56
Weight	kg	1.1 (without 3 m cord)
Conformity mark	CE	
Approval mark	UL / E	
Certification Scheme	CCA	
Protection class II	□	

Article No.:

109.987	TRIAC S 120V / 1600W for push-fit nozzles with UK-plug
112.230	TRIAC S 230V / 1600W for push-fit nozzles with UK-plug
100.705	TRIAC S 230 V / 1600 W for push-fit nozzles with Euro plug
100.706	TRIAC S 230 V / 1600 W for screw-on nozzles with Euro plug
100.707	TRIAC S 230 V / 1600 W push-fit nozzles, with CH plug

→ Accessories on page 15/16/17

→ Accessories on page 15/16/17

TRIAC AT: Robust and intelligent.

The TRIAC AT is an intelligent hot-air hand tool for welding and shrinking plastics that is suitable for on-site use. It is designed for the needs of even the most demanding professional. Every tool undergoes stringent quality checks prior to leaving the factory in Switzerland. This high-quality hot-air hand tool is equipped for all situations. Its universal areas of application are virtually unlimited. The TRIAC AT will continue to prove its merit in any weather condition and is just as effective outside as it is indoors – all during continuous operation.

Hot-air hand tool

TRIAC AT



- Suitable for the work site
- Closed loop controlled temperature
- Open loop controlled air volume
- Intelligent «e-Drive» operating unit
- Ergonomic handling
- Modern design
- Swiss made

Technical data

Voltage	V~	120 / 230
Power	W	1600 / 1600
Temperature	°C	40 – 650
Size (L x Ø)	mm	335 x 90, handle Ø 56
Weight	kg	1 (without 3 m cord)
Approval mark	Ⓢ	
Conformity mark	CE	
Protection class II	□	

Article No.:

141.319	TRIAC AT 120V / 1600W, with UK-plug
141.320	TRIAC AT 230V / 1600W, with UK-plug
141.314	TRIAC AT 230 V / 1600 W, with EU plug
141.322	TRIAC AT 230 V / 1600 W, with CH plug

Whether on the roof, for civil engineering, plastic fabrication or for billboards, tarps, flooring and shrinking, the TRIAC AT is an all-purpose tool for any application.



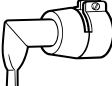


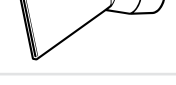
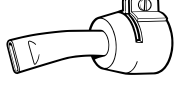




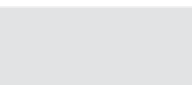
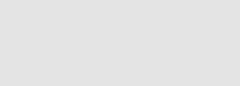
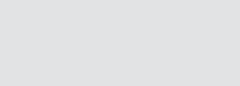
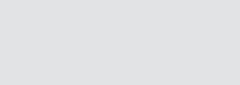
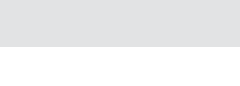

→ Accessories on page 15/16/17



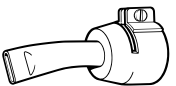



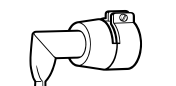


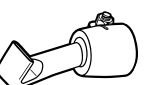


TRIAC S while overlap welding on the roof.

Accessories TRIAC ST / TRIAC S / TRIAC AT

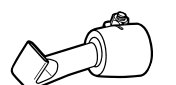




Roofing

	107.124 20 mm angled nozzle, 90° push-fit
	107.125 20 mm angled nozzle, 60° push-fit
	107.132 Wide slot nozzle, push-fit, 40 mm
	107.130 40 mm, 60° angle
	107.133 40 mm, perforated
	128.535 30 mm, 45° angle
	107.129 60 mm wide slot nozzle for bitumen, push-fit
	107.131 80 mm wide slot nozzle, push-fit
	107.123 20 mm wide slot nozzle, push-fit
	100.303 Ø 5 mm tubular nozzle, push-fit
	106.989 Speed weld nozzle, push-fit on Ø 5 mm tubular nozzle
	106.990 3 mm
	106.991 4 mm
	106.991 5 mm
	142.717 Heating element, 230 V / 1550 W, TRIAC ST (120 V / 1550 W: 142.718)
	100.689 TRIAC S (120 V / 1550 W: 100.702)
	142.637 TRIAC AT (120 V / 1550 W: 142.638)

Billboards / Tarpaulins

	107.123 20 mm wide slot nozzle, angled, push-fit
	105.487 20 mm wide slot nozzle, bent and angled, push-fit
	105.503 20 mm wide slot nozzle, 60° angle, push-fit
	107.132 Wide slot nozzle, push-fit, 40 mm
	107.130 40 mm, 60° angle
	107.133 40 mm, perforated
	128.535 30 mm, 45° angle
	107.124 20 mm angled nozzle, 90°, push-fit
	107.125 20 mm angled nozzle, 60°, push-fit
	142.717 230 V / 1550 W, heating element for TRIAC ST (120 V / 1550 W: 142.718)
	100.689 TRIAC S (120 V / 1550 W: 100.702)
	142.637 TRIAC AT (120 V / 1550 W: 142.638)

Civil Engineering / Tunnel / Landfill sites

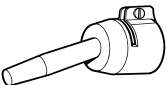
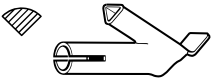
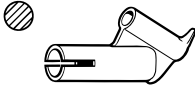
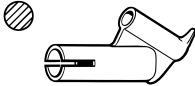
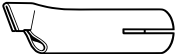

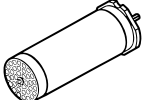

	105.492 20 mm wide slot nozzle, straight jaw, 120° bent at right angle
	107.123 20 mm wide slot nozzle, push-fit
	107.132 40 mm wide slot nozzle, push-fit
	107.135 40 mm wide slot nozzle, PTFE-coated, push-fit
	142.717 230 V / 1550 W, heating element for TRIAC ST (120 V / 1550 W: 142.718)
	100.689 TRIAC S (120 V / 1550 W: 100.702)
	142.637 TRIAC AT (120 V / 1550 W: 142.638)




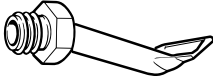




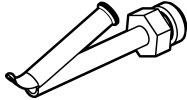
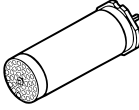
TRIAC AT shrinking a cable connection.

Accessories TRIAC ST / TRIAC S / TRIAC AT

Plastic fabrication (with push-fit nozzle)

	100.303 Ø 5 mm, tubular nozzle for versions with push-fit
	Speed weld nozzle, push-fit on Ø 5 mm tubular nozzle
	106.992 5.7 mm, profile A 106.993 7 mm, profile B
	106.989 3 mm 106.990 4 mm 106.991 5 mm
	106.996 Tacking nozzle, push-fit on Ø 5 mm tubular nozzle
	107.344 135 mm (5.31 in) welding mirror, push-fit
	230 V / 1550 W heating element for 142.717 TRIAC ST (120 V / 1550 W: 142.718) 100.689 TRIAC S (120 V / 1550 W: 100.702) 142.637 TRIAC AT (120 V / 1550 W: 142.638)
	143.833 Nozzle adapter for screw-on nozzles

Plastic fabrication (with screw-on nozzle)

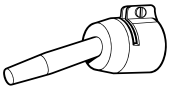







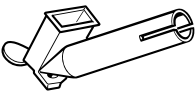
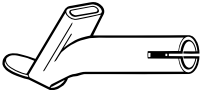
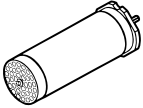
	105.622 Ø 5 mm tubular nozzle, screw-on
	106.988 Tacking nozzle, screw-on
	113.666 Ø 3 mm drawing nozzle with tacking tip, screw-on 113.399 Ø 4 mm drawing nozzle with tacking tip, screw-on
	113.876 Ø 3 mm drawing nozzle without tacking tip, screw-on 113.874 Ø 4 mm drawing nozzle without tacking tip, screw-on
	113.670 5.7 mm drawing nozzle triangular-shaped, with tacking tip, screw-on 113.877 5.7 mm, profile A, triangular-shaped drawing nozzle without tacking tip, screw-on
	106.986 7 mm, profile B 106.987 7 × 5.5 mm
	126.552 Ø 4 mm drawing nozzle, screw-on for fluoroplastics
	230 V / 1550 W heating element for 142.717 TRIAC ST (120 V / 1550 W: 142.718) 100.689 TRIAC S (120 V / 1550 W: 100.702) 142.637 TRIAC AT (120 V / 1550 W: 142.638)



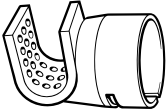
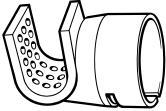
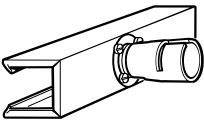

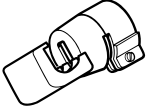
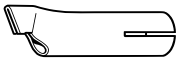

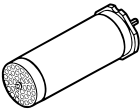
TRIAC S in use welding a future a storage reservoir.

Accessories TRIAC ST / TRIAC S / TRIAC AT

Flooring / interior design

	100.303 Ø 5 mm, tubular nozzle for versions with push-fit nozzles
	106.982 Ø 5 mm extension nozzle, 150 mm
3  4  5 	106.989 3 mm speed weld nozzle push-fit on Ø 5 mm tubular nozzle 106.990 4 mm speed weld nozzle push-fit on Ø 5 mm tubular nozzle 106.991 5 mm speed weld nozzle push-fit on Ø 5 mm tubular nozzle
3  4  5 	105.431 3 mm speed weld nozzle, with small air-slide, push-fit on Ø 5 mm tubular nozzle 105.432 4 mm speed weld nozzle, with small air-slide, push-fit on Ø 5 mm tubular nozzle 105.433 5 mm speed weld nozzle, with small air-slide, push-fit on Ø 5 mm tubular nozzle
	107.139 4.5 × 12 mm speed weld nozzle for fillet weld, push-fit on Ø 5 mm tubular nozzle
	107.137 8 mm speed weld nozzle for tape welding, push-fit on Ø 5 mm tubular nozzle
	230 V / 1550 W heating element for 142.717 TRIAC ST (120 V / 1550 W: 142.718) 100.689 TRIAC S (120 V / 1550 W: 100.702) 142.637 TRIAC AT (120 V / 1550 W: 142.638)

Shrinking / soldering / vehicle repairs

	107.324 12 × 10 mm sieve reflector, push-fit on Ø 5 mm tubular nozzle
	107.337 50 × 35 mm sieve reflector, push-fit
	107.338 35 × 20 mm sieve reflector, push-fit
	107.326 25 × 150 mm shell reflector, push-fit
	107.307 27 × 35 mm spoon reflector, push-fit
	107.339 17 × 34 mm soldering reflector, push-fit
	106.996 Tacking nozzle, push-fit on Ø 5 mm tubular nozzle
	106.997 Ø 6 mm rotary burr (for drilling machine)
	106.992 5.7 mm speed weld nozzle, push-fit on Ø 5 mm tubular nozzle
	230 V / 1550 W heating element for 142.717 TRIAC ST (120 V / 1550 W: 142.718) 100.689 TRIAC S (120 V / 1550 W: 100.702) 142.637 TRIAC AT (120 V / 1550 W: 142.638)

Additional versions available upon request.
Technical data are subject to change without prior notice.

ELECTRON ST – Strong, compact and handy

The new ELECTRON ST is a real powerhouse among Leister's hand tools. The appearance of this tool has been modeled after the new TRIAC range. For the user, this means improved ergonomics and, as a result, the ability to work in more comfort. Existing ELECTRON nozzles fit the new model.

NEW!

Product advantages



Powerful:

Suitable for any application thanks to its outstanding power rating of up to 3400 W.



Perfectly ergonomical:

100 grams lighter and with a 2 component handle that's up to 8 mm slimmer than its predecessor.



Infinitely adjustable:

Easy air temperature adjustment up to 650°C.



Clean:

Air filters, located on either side, can be removed and cleaned in no time at all.



Compatible:

All predecessor nozzles fit the ELECTRON ST.



Shrinking cable connections is just one of many applications for which the ELECTRON ST can be used.

Hot-air hand tool

ELECTRON ST



- Suitable for construction sites
- Leister's most powerful hand tool
- Easy-clean air filter
- Carbon stop and heating element protection provide automatic protective measures
- Sturdy tool case supplied
- Swiss made

Technical data



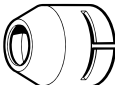
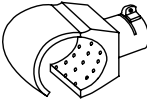
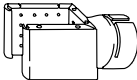
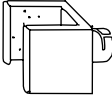
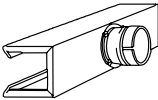
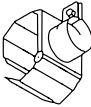
Voltage	V~	230	230	200	120
Power	W	2300	3400	3000	2400
Temperature	°C	40 – 650			
Size (L × Ø)	mm	338 × 90, handle Ø 56			
Weight	kg	1.1 without connection cable			
Conformity mark		CE			
Protection class II		□			

Article No.

145.567	ELECTRON ST 230 V / 3400 W for push-fit nozzles with Euro plug
149.673	ELECTRON ST 230 V / 2300 W for push-fit nozzles with Euro plug *
145.564	ELECTRON ST 200 V / 3000 W for push-fit nozzles with JP plug
145.563	ELECTRON ST 120 V / 2400 W for push-fit nozzles with UK plug
145.568	ELECTRON ST 230 V / 3400 W for push-fit nozzles with UK plug

* Please ask about availability

Accessories, ELECTRON ST

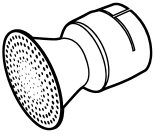


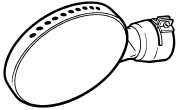
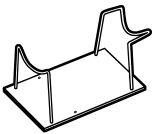
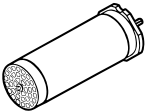
	107.258 Wide slot nozzle, push-fit 70 × 10 mm, for bitumen
	107.270 Wide slot nozzle 150 × 12 mm, push-fit
	107.229 Round nozzle 20 mm
	107.331 Hinged reflector 72 × 70 mm, push-fit
	107.327 Sieve reflector 85 × 85 mm, push-fit
	107.333 Sieve reflector 150 × 110 mm, push-fit
	107.340 Shell reflector 45 × 250 mm, push-fit
	107.328 Hinged reflector 60 × 75 mm, push-fit

→ Accessories on page 20

GHIBLI: The “hot-air gun“.

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

Accessories ELECTRON ST

	106.127 Ø 65 mm sieve reflector
	107.330 125 x 22 mm folding reflector, push-fit
	107.347 74 x 12 x 520 mm sword-shaped nozzle, rounded edges, PTFE-coated
	107.346 270 mm welding mirror, push-fit
	107.348 Tool rest
	145.604 120 V / 2300 W heating element
	145.606 230 V / 3300 W heating element
	145.605 200 V / 2900 W heating element
	149.675 230 V / 2200 W heating element

Hot-air hand tool

GHIBLI



- Universal tool for welding and shrinking
- Welding results independent of voltage fluctuations and ambient temperature
- Two-step selectable airflow

Technical data

Voltage	V	120 / 230
Power	W	1500 / 2000
Temperature	°C	20 – 600
Size (L x W x H)	mm	195 x 85 x 160, Handle Ø 57
Weight	kg	0.9 (without 3 m cord)
Conformity mark		CE
Approval mark		UL / E
Certification Scheme		CCA
Protection class II		□

Article No.:

101.881	GHIBLI 230 V / 2000 W with Euro plug
101.887	GHIBLI 120 V / 1500 W with US plug

Additional versions available upon request.

SONORA S1: Handy and quiet.

The handy, quiet and compact tool for universal use. The SONORA S1 is the perfect hot-air hand tool for shrinking, car wrapping, forming and heating. Excellent price / performance ratio.



Ergonomic design for strain-free car wrapping.

Hot-air hand tool

SONORA S1



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

Technical data

Voltage	V	230
Power	W	2000
Temperature	°C	80 – 650
Size	mm	230 × 200
Weight	kg	0.6 (without 2 m cord)
Conformity mark		CE
Approval mark		§
Certification Scheme		CCA
Protection class II		□

Article No.:

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

Additional versions available upon request

Accessories SONORA S1

	119.269 Glass protection nozzle
	119.270 50 mm wide slot nozzle
	119.314 Reducer nozzle (included with S1 purchase)
	119.271 Reflector nozzle (included with S1 purchase)
	119.316 5 mm tubular nozzle
	119.315 20 mm wide slot nozzle
	119.312 Solder sleeve reflector nozzle (included with S1 purchase)
	107.324 12 × 10 mm sieve reflector, push-fit on Ø 5 mm tubular nozzle
	107.308 50 × 35 mm sieve reflector

Included
with purchase



HOT JET S: Small and powerful.

As the most compact hot-air hand tool from Leister, the HOT JET S' low weight of 600 grams (including cord and slim handle) ensures high-powered, fatigue-free welding.



Especially suited to facilitate tasks in difficult to access areas.

Hot-air hand tool

HOT JET S



- The smallest Leister hot-air hand tool
- Stepless, electronically controlled temperature
- Stepless, electronically controlled air flow
- Low noise
- Flexible, integrated tool stand

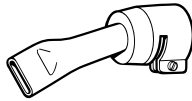
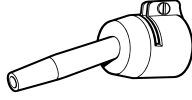




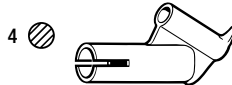


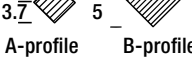



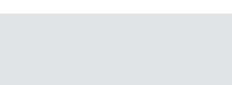
Technical data

Voltage	V~	120 / 230
Power	W	460 / 460
Temperature	°C	20 – 600
Size (L x Ø)	mm	235 x 70, handle Ø 40
Weight	kg	0.4 (without 3 m cord)
Conformity mark		CE
Approval mark		UL / E
Certification Scheme		CCA
Protection class II		□

Article No.:

100.648	HOT JET S 230 V / 460 W, with Euro plug
100.862	HOT JET S 120 V / 460 W, without plug
100.854	HOT JET S 230 V / 460 W, with AUS plug

Accessories HOT JET S

	107.141 15 mm wide slot nozzle, push-fit
	107.142 20 mm wide slot nozzle, push-fit
	107.144 Ø 5 mm tubular nozzle, push-fit
	105.567 Ø 5 x 150 mm extension nozzle, straight
	105.556 20 mm angled nozzle, 90° angled, push-fit
	106.996 Tacking nozzle, push-fit on Ø 5 mm tubular nozzle
	106.989 3 mm speed welding nozzle, push-fit on Ø 5 mm tubular nozzle
	106.990 4 mm speed welding nozzle, push-fit on Ø 5 mm tubular nozzle
	106.991 5 mm speed welding nozzle, push-fit on Ø 5 mm tubular nozzle
	106.992 5.7 mm, A profilee speed welding nozzle, push-fit
	106.993 7 mm, B profilee speed welding nozzle, push-fit
	105.431 3 mm speed welding nozzle, with small air-slide, push-fit on Ø 5 mm tubular nozzle
	105.432 4 mm speed welding nozzle, with small air-slide, push-fit on Ø 5 mm tubular nozzle
	105.433 5 mm speed welding nozzle, with small air-slide, push-fit on Ø 5 mm tubular nozzle

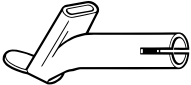
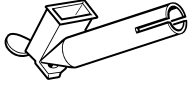
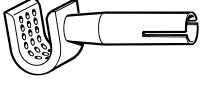
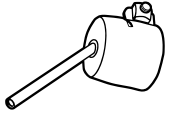
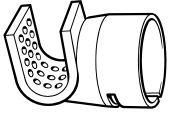

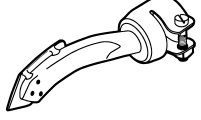
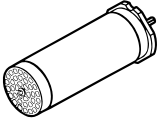



HOT JET S with angled nozzle welding a T-joint on the roof.



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

Accessories HOT JET S

	107.137 8 mm speed welding nozzle for tape welding, push-fit on Ø 5 mm tubular nozzle
	107.139 4.5 × 12 mm speed welding nozzle for fillet weld, push-fit on Ø 5 mm tubular nozzle
	107.324 12 × 10 mm sieve reflector, push-fit on Ø 5 mm tubular nozzle
	107.146 Ø 2 mm soldering nozzle
	107.151 Ø 4 mm soldering nozzle
	107.148 Ø 3 × 1.5 mm soldering nozzle, oval
	107.310 35 × 20 mm sieve reflector, push-fit
	107.311 50 × 35 mm sieve reflector, push-fit
	107.312 25 × 30 mm spoon reflector, push-fit
	107.305 15 × 25 mm ironing nozzle
	100.818 230 V / 435 W heating element
	103.607 120 V / 435 W heating element
	143.831 Nozzle adapter for screw-on nozzles

Small and handy: The HOT JET S is perfect when welding complicated details in billboard and tarpaulin applications.



HOTWIND: The new dimension.

Weighing just 2.2 kg, the HOTWIND can be used either as an integrated or bench-top device. The high maximum temperature of 650 °C means that the HOTWIND can be used in a variety of ways.



The HOTWIND is perfectly suited for drying and baking of print on plastic components.

Hot-air hand tool

HOTWIND PREMIUM / SYSTEM



HOTWIND PREMIUM

- Ideal for warming, heating, forming and drying
- Stepless adjustment of the heating and blower
- Integrated device and heating element protection
- Extremely smooth running

Technical data

Voltage	V~	230
Power	W	3700
Max. Luftaustritts-Temperatur	°C	650
Size (L × W × H)	mm	332 × 106 × 179
Weight	kg	2.2 (without 3 m cord)
Conformity mark		CE
Approval mark		Ⓢ
Certification Scheme		CCA
Protection class II		□

Article No.:

142.609	HOTWIND PREMIUM, 230 V / 3700 W, with Euro plug
142.645	HOTWIND SYSTEM, 230 V / 3700 W, with Euro plug

Additional versions available upon request

Accessories HOTWIND PREMIUM / SYSTEM

	Wide slot nozzle, push-fit (a × b)
	107.260 85 × 15 mm
	107.259 150 × 12 mm
	105.977 200 × 9 mm
	107.263 250 × 12 mm
	107.262 300 × 4 mm
	105.992 400 × 4 mm
	105.991 500 × 4 mm
	125.317 Flange connector, push-fit a = 90 mm
	107.335 Ø 150 mm sieve reflector, push-fit
	107.248 Stainless steel filter, push-fit on air intake
	143.530 230 V / 3600 W heating element
	141.723 Hand tool kit (handle and protective tube)

FORTE S3: Flameless shrinking.

The most powerful hot-air hand tool from Leister. The FORTE S3 is extremely well-suited for flameless shrinking of pallets and bulk goods.



Flameless shrink-wrapping of pallets and bulky goods with the FORTE S3.

Hot-Air Hand Tools

Hot-air hand tool

FORTE S3



- Powerful pallet shrink-wrapping
- Uniform shrinkage
- May be used in confined spaces
- Integrated tool stand

Technical data			
Voltage	V~	3 × 230	3 × 400
Power	kW	10	10
Temperature	°C	650	
Size (L × W × H)	mm	390 × 132 × 215	
Weight	kg	4.4 (without 10 m cord)	
Conformity mark		CE	
Approval mark		Ⓢ	
Certification Scheme		CCA	
Protection class II		□	
Article No.:			
102.027	FORTE S3, 3 × 400 V / 10 kW with 16A CEE plug		
Additional versions available upon request			

WELDING PEN: Slim and flexible.

The WELDING PEN is a hot-air hand tool optimized for draw welding. Due to its slim design and swivelling external air supply it makes hard work easy.



Draw welding using the compact and lightweight WELDING PEN R.

External air hand tool

WELDING PEN R / WELDING PEN S



- Digital temperature display (WELDING PEN R)
- Connection makes working easier.
- Cooled heating element tube
- Used in combination with ROBUST blower or compressed air

Technical data

Voltage	V~	230
Power	W	1000
Temperature	°C	20 – 600
Size (L x Ø)	mm	270 x 43, handle Ø 32
Weight	kg	1.0 (with 3 m cord / air hose and Y-connection)
Conformity mark	CE	
Approval mark	S	
Certification Scheme	CCA	
Protection class II	□	

Article No.:

114.275	WELDING PEN S, 120 V / 600 W, with UK-plug
119.966	WELDING PEN R, 120 V / 600 W, with UK-plug
114.380	WELDING PEN R, 230 V / 1000 W, for screw-on nozzle, with Euro plug
113.081	WELDING PEN S, 230 V / 1000 W, for screw-on nozzle, with Euro plug

Additional versions available upon request

Accessories WELDING PEN R / S

	105.622 Ø 5 mm tubular nozzle, 15° screw-on
	106.988 Tacking nozzle, screw-on
	113.666 Ø 3 mm round drawing nozzle with tacking tip, screw-on
	113.399 Ø 4 mm round drawing nozzle, with tacking tip, screw-on
	113.876 Ø 3 mm round drawing nozzle without tacking tip, screw-on
	113.874 Ø 4 mm round drawing nozzle, without tacking tip, screw-on
	113.670 5.7 mm triangular drawing nozzle with tacking tip, screw-on
	Triangular drawing nozzle, without tacking tip, screw-on
	113.877 5.7 mm, profilee A
	106.986 7 mm, profilee B
	106.987 7 x 5.5 mm
	126.552 Ø 4 mm drawing nozzle, screw-on for fluoroplastics
	Angular adapter for screw-on nozzles, screw-on
	127.726 30° 127.727 45°
	113.412 230 V / 1000 W heating element for WELDING PEN R and WELDING PEN S



Swiveling air hose for easy working.

ROBUST: The powerhouse.

Versatile and operable at high ambient temperatures of up to 60 °C. Despite its small size, the ROBUST is a real powerhouse. This blower can simultaneously supply air for up to three hot-air hand tools.



ROBUST blower, serving as the external air supply for the WELDING PEN.

Blower

ROBUST



- High-performance, compact design
- Sound-suppression
- Can be integrated at any position
- Can be used as an external air supply to 1 WELDING PEN R or up to max. 3 DIODE S / PID or max. 3 LABOR S (with 107.281 hose adapter)

Technical data

Frequency	Hz	50	60
Power	W	250	250
Air volume (20 °C)	l/min	1200	1300
Static pressure	kPa	8.0	10.5
Max. ambient temperature	°C	60	60
Max. air inlet temperature	°C	60	60
Noise emission level	dB(A)	62	62
Environmental protection (IEC 60529)	IP 54	IP 54	IP 54
Outside diameter air inlet	Ø mm	38	38
Outside diameter air outlet	Ø mm	38	38
Weight	kg	8.0	8.0
Conformity mark		CE	CE
Protection class I		⊕	⊕

Article No.:

Voltage V~	50 Hz	1 × 120	1 × 230	3 × 230 / 400
	60 Hz			3 × 440 – 480
Without cord	Article No.:	103.434		103.429
3 m cord / Euro plug	Article No.:		103.432	

Accessories ROBUST

	107.354	Stainless steel filter, push-fit on air intake
	107.281	Ø 38 mm hose connection adapter, 3 output each 14 mm
	113.859	Ø 14 mm air hose
	101.031	Ø 14 mm hose clip for air hose

DIODE PID / S: The powerful pair.

There are two options for high-quality work: The closedloop DIODE PID provides the perfect welding temperature at all times. The DIODE S easily puts you in control with a manual temperature knob.



Convenient wire welding using the powerful and lightweight DIODE PID.

External air hand tool

DIODE PID / DIODE S



- Operated with MINOR or ROBUST blower or with compressed air
- Digitally controlled and displayed temperatures (DIODE PID)
- Cooled heating element tube
- Suitable for field applications when used in combination with a MINOR blower

Technical data

Voltage	V~	120 / 230
Power	W	1600 / 1600
Temperature	°C	20 – 600
Size (L x Ø)	mm	265 x 57, handle Ø 40
Weight	kg	1.15 kg (with 3 m cord / 3 m air hose)
Conformity mark	CE	
Approval mark	S	
Certification Scheme	CCA	
Protection class II	□	

Article No.:

101.303	DIODE PID, 230 V / 1600 W, push-fit, with Euro plug
101.281	DIODE S, 230 V / 1600 W, push-fit, with Euro plug
101.304	DIODE PID, 230 V / 1600 W, screw-on, with Euro plug
101.282	DIODE S, 230 V / 1600 W, screw-on, with Euro plug
101.293	DIODE S, 120 V/1600 W for push-fit nozzles, with UK-plug

Additional versions available upon request

Hand tool and blower

DIODE PID / DIODE S with MINOR



MINOR blower and DIODE PID with screw-on drawing nozzle.

- Ideal for assembly work

Technical data

Voltage	V~	230
Power	W	1700
Temperature	°C	20 – 600
Size (L x Ø)	mm	265 x 57, handle Ø 40
Weight	kg	2.5 kg (with 3 m cord / 1.5 air hose)
Conformity mark	CE	
Approval mark	S	
Certification Scheme	CCA	
Protection class II	□	

Article No.:

108.880	DIODE PID with MINOR, 230 V / 1700 W, screw-on, 1.5 air hose, Euro-plug
101.441	DIODE S with MINOR, 230 V / 1700 W, push-fit, 1.5 air hose, Euro-plug

Additional versions available upon request

MINOR: The mobile air supplier.

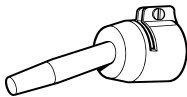
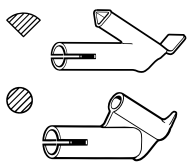
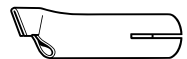


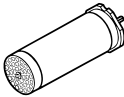
Don't be deceived by the MINOR's small size and low weight. This blower delivers sufficient air to enable quality work with the DIODE PID / DIODE S or LABOR S.



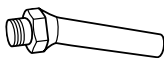

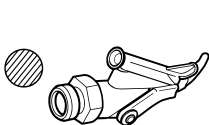



The MINOR blower as an air supply for the DIODE PID.

Accessories DIODE PID / DIODE S

With push-fit nozzle

	100.303 Ø 5 mm tubular nozzle, for versions with nozzles, push-fit
	Speed welding nozzle, push-fit on Ø 5 mm tubular nozzle 106.992 5.7 mm, profilee A 106.993 7 mm, profilee B 106.989 3 mm 106.990 4 mm 106.991 5 mm
	106.996 Tacking nozzle, push-fit on Ø 5 mm tubular nozzle
	143.833 Nozzle adapter for screw-on nozzles
	107.348 Tool rest
	100.296 Heating element DIODEPID, 230 V/1550 W 100.650 Heating element DIODEPID, 120 V/1600 W 100.689 Heating element DIODES, 230 V/1550 W 100.702 Heating element DIODES, 120 V/1600 W

With screw-on nozzle

	105.622 Ø 5 mm tubular nozzle, screw-on
	106.988 Tacking nozzle, screw-on
	113.666 Ø 3 mm round drawing nozzle with tacking tip, screw-on 113.399 Ø 4 mm round drawing nozzle, with tacking tip, screw-on 113.876 Ø 3 mm round drawing nozzle without tacking tip, screw-on 113.874 Ø 4 mm round drawing nozzle, without tacking tip, screw-on
	113.670 5.7 mm triangular drawing nozzle, with tacking tip, screw-on Triangular drawing nozzle, without tacking tip, screw-on
	113.877 5.7 mm, profilee A 106.986 7 mm, profilee B 106.987 7 x 5.5 mm
	126.552 4 mm drawing nozzle, screw-on, for fluor plastics

Blower

MINOR



- Lightweight and compact
- Powerful
- Serves as a mobile air supply for the DIODE PID / DIODE S and LABOR S
- Suitable for work on construction sites

Technical data

Voltage	V~	230
Power	W	100
Air volume (20°C)	l/min	400
Pressure static	Pa	4000 (40 mbar)
Air outlet (external)	mm	14.5
Size (L x Ø)	mm	250 x 95, handle Ø 64
Weight	kg	1.15 (with 3 m cord)
Conformity mark		CE
Approval mark		Ⓢ
Certification Scheme		CCA
Protection class II		Ⓜ

Article No.:

108.747	MINOR, 230 V / 100 W, with Euro plug
109.988	MINOR, 120V / 100W, with UK plug

Additional versions available upon request

LABOR S: Small and handy.

The fatigue-free LABOR S is a „jack of all trades“. Its small size makes it ideal for perfect welding in small spaces.



LABOR S, used in combination with MINOR as an external air supply.

External Air Hand tool

LABOR S



- Temperature adjustment via rotary knob
- Very small and handy device
- Ideal for draw welding and tacking
- Air supply with ROBUST blower, MINOR (p. 29) or with compressed air
- Ideal for mobile use when coupled with MINOR blower

Technical data

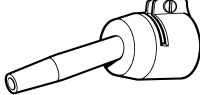
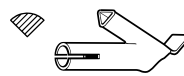
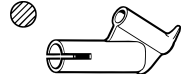



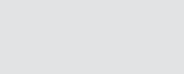
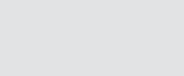
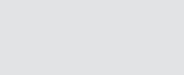
Voltage	V~	230
Power	W	800 / 900
Temperature	°C	20 – 600
Size (L x Ø)	mm	180, handle Ø 40
Weight	kg	0.15 (without air hose and without cordl)
Conformity mark	CE	
Approval mark	S	
Certification Scheme	CCA	
Protection class II	□	

Article No.:

101.716	LABOR S with connection box, 230 V / 800 W with Euro plug, air hose 3 m
101.754	LABOR with MINOR blower, 230 V / 900 W with Euro plug, air hose 1.5 m

Additional versions available upon request

Accessories LABOR S

	107.144 Ø 5 mm tubular nozzle, push-fit
	Speed weld nozzle, push-fit on Ø 5 mm tubular nozzle
	106.992 5.7 mm, profilee A
	106.993 7 mm, profilee B
	106.989 3 mm
	106.990 4 mm
	106.991 5 mm
	106.996 Tacking nozzle, push-fit on Ø 5 mm tubular nozzle
	101.581 230 V / 800 W heating element

28 mm pressure roller.

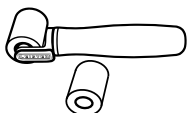

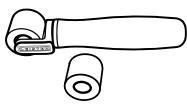

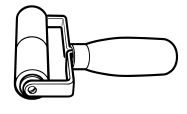

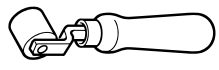
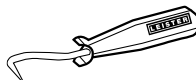





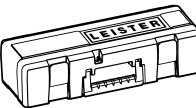


The hand pressure roller is an essential accessory.

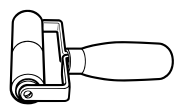
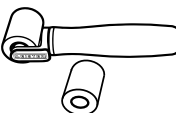

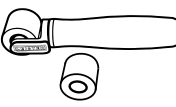


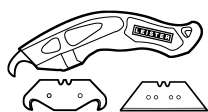


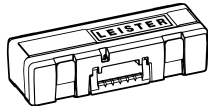
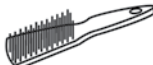
Hot-air hand tools

General accessories

Roofing

	140.160 40 mm silicone pressure roller with ball bearings
	140.599 Spare roll
	140.161 Pressure roller 28 mm, with ball bearings (Silicone)
	140.598 Spare roll
	106.974 80 mm silicone pressure roller
	106.972 Brass pressure roller with ball bearings
	106.976 28 mm pressure roller (PTFE)
	138.314 Seam probe tester
	111.346 Chamfer plane with seven spare blades
	111.348 Spare blades kit containing ten blades
	137.855 Leister cutter with four spare blades
	138.902 10 spare blades hook-shaped
	138.539 10 spare blades trapezoid-shaped
	116.586 Storage case, for TRIAC AT, TRIAC ST, TRIAC S, ELECTRON ST

Billboards / Tarpaulins

	106.974 80 mm silicone pressure roller
	140.160 40 mm silicone pressure roller with ball bearings
	140.599 Spare rolls
	140.161 28 mm silicone pressure roller with ball bearings
	140.598 Spare rolls
	106.981 Pressure roller for custom seal
	137.855 Leister cutter with four spare blades
	138.902 10 spare blades hook-shaped
	138.539 10 spare blades trapezoid-shaped
	116.586 Storage case, for TRIAC AT, TRIAC ST, TRIAC S, ELECTRON ST
	116.798 Brass brush


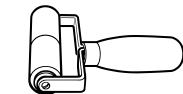
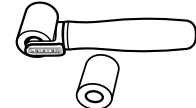
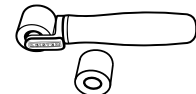
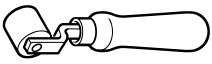
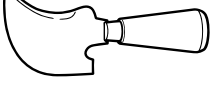


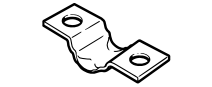







Store all your necessities in the practical storage case.

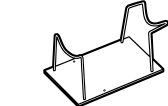
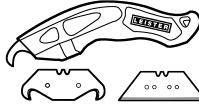

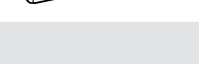
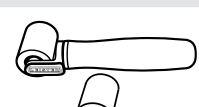
Hot-air hand tools

General accessories

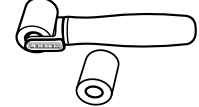





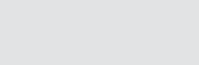
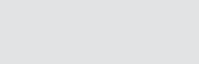

Flooring / Interior Decoration

	106.972 Brass pressure roller with ball bearings
	106.970 Brass pressure roller, for welding rods \varnothing 4 – 5 mm
	106.974 80 mm silicone pressure roller
	140.160 40 mm silicone pressure roller with ball bearings
	140.599 Spare roll
	140.161 Pressure roller 28 mm, with ball bearings (silicone)
	140.598 Spare roll
	106.976 28 mm pressure roller (PTFE)
	106.969 Spatula
	122.541 Trimming guide, to use with spatula (106.969)
	106.966 Hand grooving tool
	106.968 Spare blades for hand grooving tool
	137.855 Leister cutter with four spare blades
	138.902 10 spare blades hook-shaped
	138.539 10 spare blades trapezoid-shaped
	116.586 Storage case for TRIAC AT, TRIAC ST, TRIAC S, ELECTRON ST

Plastic Fabrication

	107.348 Tool rest for TRIAC AT, TRIAC BT, TRIAC S, TRIAC ST, ELECTRON ST, ELECTRON
	137.855 Leister cutter with four spare blades
	138.902 10 spare blades hook-shaped
	138.539 10 spare blades trapezoid-shaped
	116.586 Storage case, for TRIAC AT, TRIAC ST, TRIAC S, ELECTRON ST

Civil Engineering / Tunnel / Landfills

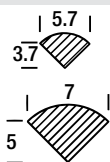
	140.160 40 mm silicone pressure roller with ball bearings (Silicone)
	140.599 Spare roll
	140.161 28 mm silicone pressure roller with ball bearings (Silicone)
	140.598 Spare roll
	106.976 28 mm pressure roller (PTFE)
	137.855 Leister cutter with four spare blades
	138.902 10 spare blades hook-shaped
	138.539 10 spare blades trapezoid-shaped
	116.586 Storage case, for TRIAC AT, TRIAC ST, TRIAC S, ELECTRON ST



Welding rods

Article		packaging units (kg)	Article	packaging units (kg)	
Welding rods PE			Welding rods div.		
104.283	Welding rod HDPE, profile A, black	3	104.297	Welding rod PA, profile A, black	3
104.294	Welding rod HDPE, profile A, white	3	104.298	Welding rod PC, profile A, transparent	3
104.284	Welding rod HDPE, profile B, black	5	104.313	Welding rod PC / ABS / ALPHA (Honda), profile A, black	3
104.299	Welding rod HDPE, profile B, white	5	104.311	Welding rod PC / PBTP (Xenoy), profile A, grey	3
106.650	Welding band HDPE, 8x 2 mm, white	1	104.309	Welding rod PS, profile A, white	3
104.300	Welding rod LDPE, profile A, black	3	104.308	Welding rod PUR, profile A, black	3
Welding rods PP			106.654	Welding band Xenoy, 8x 2 mm, grey	2
104.287	Welding rod PP, profile A, grey / beige	3	106.642	Welding rod PPs, profile A, grey, flame resistant	3
104.301	Welding rod PP, profile A, black	3	104.304	Welding rod PVDF, profile A, natural	3
104.288	Welding rod PP, profile B, grey / beige	5	104.303	Welding rod POM, profile A, natural	3
126.356	Welding band PP, 8x 2 mm, natural	2	Test bundles		
Welding rods PVC			107.036	Test bundle (bodywork) welding rods, each consisting of profile A pieces of 37 mm single marked 6× HDPE, 6× PP, 6× PA, 6× PC, 6× ABS, 6× PCABS / APLHA Honda, 6× PC / PBTP / Xenoy	
104.296	Welding rod PVC-U (hard), profile A, transparent	3			
104.278	Welding rod PVC-U (hard), profile A, grey	3	107.037	Test bundles (standard) each consisting of profile A pieces of 37 mm single marked 5x PVC-U, 5× PVC-P, 5× PP, 5× ABS, 5× HDPE, 3× PC, 3× PA, 3× POM, 3× LDPE, 3× PC / ABS / ALPHA Honda, 3× PC / PBTP / Xenoy	
106.641	Welding rod PVC-U, profile A, brown	3			
104.280	Welding rod PVC-U (hard), profile B, brown	5			
104.279	Welding rod PVC-U (hard), profile B, grey	5			
104.302	Welding rod PVC-P (soft), profile A, transparent	3	107.040	Test bundle (welding band) each consisting of profile A pieces of 37 mm single marked 9× HDPE, 8× 2 mm white, 9× PP, 8× 2 mm natural, 9× ABS, 8× 2 mm white, 9× PC / PBTP / Xenoy grey	
Welding rods ABS					
104.295	Welding rod ABS, profile A, white	3			
113.587	Welding rod ABS, profile A, black	3			
107.027	ABS welding band, 8x 2 mm, white	1			

Profile sizes



Profile A Diameters in mm

Profile B