





TRIAC ST for use in the roughest of environments.



HOT JET S ideal for detail work on the roof.



























DIODE S for use with draw welding on tank details.








Hot-Air Hand Tools

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Product overview Hot-air hand tools

								
Type	TRIAC ST	TRIAC AT	ELECTRON ST	HOT JET S	GHIBLI AW	GHIBLI	HOTWIND	FORTE S3
Voltage V~	120	120	120/230	120	120/230	120/230	120	3 × 230 / 3 × 400
Max. power W	1600	1600	2400 / 3400	460	1800 / 2300	1500	2300	10 000
Temperature °F	104 – 1292	104 – 1148	104 – 1202	68 – 1112	149 – 1148	68 – 1112	68 – 1202	68 – 1202
Size in inches (L × Ø) Handle (Ø)	13 × 4 2	13 × 4 2	13 × 4 2	9 × 3 1.6	11 × 9 × 4 2	8 × 3 × 6 2	13 × 4 7	15 × 5 8
Weight lbs (without cord)~	2	2	2	1.3	3	2	5	10
Integrated blower	✓	✓	✓	✓	✓	✓	✓	✓
Digital display		✓			✓			
Conformity mark			CE		CE		CE	CE
Approval mark								
Protection class								
Applications								
Outdoor use	✓	✓	✓	✓	✓			✓
Indoor use	✓	✓	✓	✓	✓	✓	✓	✓
Roofing	✓	✓	✓	✓				
Billboards / Tarpaulins	✓	✓	✓	✓	✓	✓		
Civil engineering / Tunneling / Landfills	✓	✓	✓	✓				
Plastic fabrication	✓	✓	✓	✓	✓	✓		
Flooring / Interior design	✓	✓	✓	✓	✓	✓		
Shrinking	✓	✓	✓	✓	✓	✓	✓	✓
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Product overview Hot-air hand tools and Blowers

						
Type	AIRSTREAM ST	ROBUST	WELDING PEN R / S	DIODE PID / S	MINOR	LABOR S
Voltage V~	230	3 × 230 / 3 × 400	120	120	230	120
Max. power W	215	250	600	1600	100	600 / 700
Temperature °F			68 – 1112	68 – 1112		68 – 1112
Size in inches (L × Ø) Handle (Ø)	24 × 10 × 14	9 × 9	11 × 1 1.3	10 × 2 1.6	9 × 4 2.5	7 × 2 1.3
Weight lbs (without cord)~	53	18	2	3	2.5	0.33
Integrated blower	✓	✓			✓	
Digital display			✓ (R)	✓ (PID)		
Conformity mark	CE	CE				
Protection class	⊕	⊕	⊠	⊠	⊠	⊠
Applications						
Outdoor use						
Indoor use	✓	✓	✓	✓	✓	✓
Roofing						
Billboards / Tarpaulins						
Civil engineering / Tunneling / Landfills						
Plastic fabrication	✓	✓	✓	✓	✓	✓
Flooring / Interior design						
Shrinking	✓			✓		✓
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TRIAC ST – Design meets experience

The TRIAC ST 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 its robust design, reliability, versatility, and user-friendly features, like its predecessor the TRIAC S. A prominent feature is the two-component handle, which is not only attractive, but also gives the user perfect grip. The low weight—of less than one kilogram (2.2 lbs)—ensures perfect weight balance.

Product advantage

1



Ergonomic handling:

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

Perfect weight:

Weighing less than 2.2 lbs, 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.

3



Welding power:

Thanks to the optimized, highly robust motor, TRIAC ST guarantees high welding power.

2



1

3

4

5

4



Reliability:

A new temperature manager and a high dust resistance provide the heating elements with a long service life.

5



Swiss thoroughness:

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

Optimum protection:

The filters offer active protection against moisture and dust.

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 ST



- Suitable for the work site
- 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

Technical data

Voltage	V~	120
Frequency	Hz	50 / 60
Power	W	1600
Temperature	°F	104 – 1292
Air volume (68°F)	cfm	9.9 (17.7 cfm at max. temp)
Dynamic pressure	Pa	3000
Ø Nozzle holder	inch	1.24
Emission	dB(A)	67
Size (L × Ø)	inches	13 × 4, handle Ø 2
Weight	lbs	2 (without power cord)
Conformity mark	CE	
Approval mark	UL LISTED	
Protection class II	□	

Article No.:

- 141.228 TRIAC ST, 120 V / 1600 W for push-fit nozzles with US plug / UL
 141.227 TRIAC ST, 230 V / 1600 W for push-fit nozzles with Euro plug

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

Technical data

Voltage	V~	120
Frequency	Hz	50 / 60
Power	W	1600
Temperature	°F	104 – 1148
Air volume (68°F)	cfm	7.4 - 9.9 (17.7 cfm at max. temp)
Dynamic pressure	Pa	1600 - 3000
Ø Nozzle holder	inch	1.24
Emission	dB(A)	67
Size (L × Ø)	inches	13 × 4, handle Ø 2
Weight	lbs	2 (without power cord)
Conformity mark	CE	
Approval mark	UL LISTED	
Protection class II	□	

Article No.:

- 141.316 TRIAC AT, 120 V / 1600 W, with US plug, °F
 141.382 TRIAC AT, 120 V / 1600 W, with US plug, °C



Overlap welding

Accessories TRIAC ST / TRIAC AT

	<p>107.123 Wide slot nozzle, push-fit 0.8" (20 mm), 15° angled 107.132 1.6" (40 mm), 15° angled 107.133 1.6" (40 mm), perforated 107.135 1.6" (40 mm), PTFE-coated 107.129 2.4" (60 mm) for bitumen 107.131 3.1" (80 mm) for bitumen</p> <p>(more: www.leister.com "downloads")</p>		<p>107.124 0.8" (20 mm) angled nozzle, 70°, push-fit</p>
	<p>105.475 Wide slot nozzle 0.8" (20 mm), straight 105.485 0.98" (25 mm), straight 105.494 1.2" (30 mm), 15° angled</p>		<p>105.431 0.12" (3 mm) speed weld nozzle, with small air-slide, push-fit on Ø 0.2" (5 mm) tubular nozzle</p>
	<p>105.487 Wide slot nozzle 0.8" (20 mm), curved and angular, with inward clamping angle</p>		<p>105.432 0.16" (4 mm) speed weld nozzle, with small air-slide, push-fit on Ø 0.2" (5 mm) tubular nozzle 105.433 0.2" (5 mm) speed weld nozzle, with small air-slide, push-fit on Ø 0.2" (5 mm) tubular nozzle</p>
	<p>105.500 Wide slot nozzle 0.8" (20 mm), 120° angled (right) 30° slanted forward openly</p>		<p>107.139 0.18" x 0.5" speed weld nozzle for fillet weld, push-fit on Ø 0.2" (5 mm) tubular nozzle 107.137 0.31" (8 mm) speed weld nozzle for tape welding, push-fit on Ø 0.2" (5 mm) tubular nozzle</p>
	<p>107.130 Wide slot nozzle 1.6" (40 mm), 60° bent 107.125 0.8" (20 mm) angled nozzle, 60°, push-fit, for right hander 105.503 0.8" (20 mm) angled nozzle, 60°, push-fit</p>		<p>Speed weld nozzle, push-fit on Ø 0.2" (5 mm) tubular nozzle 106.992 0.22" (5.7 mm), profile A 106.993 0.28" (7 mm), profile B 106.989 Ø 0.12" (3 mm) 106.990 Ø 0.16" (4 mm) 106.991 Ø 0.2" (5 mm)</p>
	<p>100.303 Ø 0.2" (5 mm), tubular nozzle, push-fit 105.575 Ø 0.2 x 3.9" (5 x 100 mm), tubular nozzle, push-fit 106.982 Ø 0.2 x 5.9" (5 x 150 mm), extension nozzle, push-fit</p>		<p>156.470 Speed weld nozzle bend Ø 0.2" (5 mm), push-fit on 0.16 (4 mm) and 0.2" (5 mm) tubular nozzle</p>
	<p>105.576 tubular nozzle Ø 0.2" (5 mm), 90° curved</p>		<p>106.996 Tacking nozzle, push-fit on Ø 0.2" (5 mm) tubular nozzle</p>













Mirror welding



Draw welding



Shrinking

	105.622 Ø 0.2" (5 mm) tubular nozzle, screw-on
	106.988 Tacking nozzle, screw-on
	126.552 Ø 0.16" (4 mm) drawing nozzle, screw-on for fluoroplastics
	113.666 Ø 0.12" (3 mm) drawing nozzle with tacking tip, screw-on
	113.399 Ø 0.16" (4 mm) drawing nozzle with tacking tip, screw-on
	113.876 Ø 0.12" (3 mm) drawing nozzle without tacking tip, screw-on
	113.874 Ø 0.16" (4 mm) drawing nozzle without tacking tip, screw-on
	113.670 Drawing nozzle triangular-shaped, With tacking tip, screw-on 0.22" (5.7 mm), profile A
	113.877 Without tacking tip, screw-on 0.22" (5.7 mm), profile A
	106.986 Without tacking tip, screw-on 0.28" (7 mm) profile B
	106.987 Without tacking tip 0.28 x 0.22" (7 x 5.7 mm)
	157.717 Protection nozzle 31.5 mm (1.24"), air outlet 23 mm (0.9"), protection ring 80 mm (3.15")
	107.344 5.31" (135 mm) welding mirror, push-fit
	143.833 Nozzle adapter for screw-on nozzles
	143.332 Protection tube for screw-on nozzles (for TRIAC ST until april 2017)
	156.092 Protection tube for screw-on nozzles (for TRIAC ST from mai 2017)
	141.375 Connection adapter M14 for Ø 0.83 inch nozzle with plug


	107.324 0.5" x 0.4" (12 x 10 mm) sieve reflector, push-fit on Ø 0.3" tubular nozzle
	107.337 2.0" x 1.4" (50 x 35 mm) sieve reflector, push-fit
	107.338 1.37" x 0.8" (35 x 20 mm) sieve reflector, push-fit
	107.326 1.0" x 6" (25 x 150 mm) shell reflector, push-fit
	107.307 1.1" x 1.4" (27 x 35 mm) spoon reflector, push-fit
	107.339 0.66" x 1.33" (27 x 34 mm) soldering reflector, push-fit
	106.128 0.3" (7.5 mm) soldering reflector
	Heating element for 142.718 TRIAC ST / TRIAC AT, 120 V / 1550 W 142.717 TRIAC ST / TRIAC AT, 230 V / 1550 W 100.702 TRIAC S, 120V / 1600 W

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.


Product advantages

1




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

2




Perfectly ergonomic:
3.5 ounces lighter and with a two-component handle that's nearly 1/2 inch slimmer than its predecessor.

3




Infinitely adjustable:
Easy air temperature adjustment up to 1202°F.

4



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

5



Compatible:
All predecessor nozzles fit the ELECTRON ST.



Heating shrink tubes/sleeves 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

Technical data

Voltage	V~	230 / 230 / 120
Frequency	Hz	50 / 60
Power	W	2300 / 3400 / 2400
Temperature	°F	104 – 1202
Air volume (68°F)	cfm	15.2 (27.9 at max. temp)
Dynamic pressure	Pa	3400
Ø Nozzle holder	mm	50
Emission	dB(A)	67
Size (L × Ø)	inches	13 × 4", handle Ø 2"
Weight	Lbs	2 (without power cord)
Conformity mark		CE
Approval mark		Ⓢ
Protection class II		□

Article No.

- 145.562 ELECTRON ST, 120 V/2400 W for push-fit nozzles with US plug
 145.574 ELECTRON ST, 230 V/3400 W for push-fit nozzles, without plug

Accessories, ELECTRON ST

	107.258	Wide slot nozzle, push-fit 2.8 × 0.4" (70 × 10 mm), for bitumen
	107.266	Wide slot nozzle, 3" flat nozzle
	107.653	Wide slot nozzle 3 × 0.08" (75 × 2 mm), push-fit
	151.068	Tool stand for 107.653
	107.270	Wide slot nozzle 6 × 0.5" (150 × 12 mm), push-fit
	107.229	Round nozzle 0.8" (20 mm)
	107.331	2.83 × 2.8" (72 × 70 mm) folding reflector, push-fit
	107.330	5 × 0.85" (125 × 22 mm) folding reflector, push-fit
	107.327	3 × 3" (85 × 85 mm) sieve reflector, push-fit
	107.333	5.1 × 5.9" (130 × 150 mm) sieve reflector, push-fit
	106.127	Ø 2.6" (65 mm) sieve reflector, push-fit
	107.340	2 × 10" (45 × 250 mm) shell reflector, push-fit
	107.346	10.6" (270 mm) welding mirror, push-fit
	142.281	Scraper nozzle
	107.134	Tape welding nozzle 1.6" (40 mm)
	160.842	Protection nozzle, air outlet 44 mm (1.73"), protection ring 10 mm (0.39")
	148.933	Protective tube
	145.606 149.675 145.604	Heating elements 230 V / 3300 W 230 V / 2200 W 120 V / 2300 W

More at the new accessories catalog at

www.leister.com/accessories

General accessories

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HOT JET S: Small and powerful.

As Leister's most compact hot-air hand tool, the light weight of the 1.3 lb HOT JET S (including cord and slim handle), ensures high-powered, fatigue-free welding.



HOT JET S is especially suited for precise work.

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
Frequency	Hz	50 / 60
Power	W	460
Temperature	°F	68 – 1112
Air volume (68°F)	cfm	2.1 – 4.9 (6.7 at max. temp)
Pressure static	Pa	230 – 1600
Ø Nozzle holder	inch	0.8
Emission	dB(A)	59
Size (L x Ø)	inches	9 x 3, Handle Ø 1.6
Weight	lbs	1.3 (without power cord)
Conformity mark	CE	
Approval mark	UL LISTED	
Protection class II	□	

Article No.:

- 100.859 HOT JET S, 120 V / 460 W with US plug (UL)
 100.861 HOT JET S, 120 V / 460 W, with US plug

Accessories HOT JET S

	107.141 0.6" (15 mm) wide slot nozzle, push-fit
	107.142 0.8" (20 mm) wide slot nozzle, push-fit
	105.549 0.4 x 0.08" (10x 2mm) wide slot nozzle
	107.144 Ø 0.2" (5 mm) tubular nozzle, push-fit
	105.567 Ø 0.2 x 6" (5 x 150 mm) extension nozzle, straight
	105.566 Ø 0.3" (8 mm) tubular nozzle, straight
	105.556 0.8" (20 mm) angled nozzle, 70° angled, push-fit
	106.996 Tacking nozzle, push-fit on Ø 0.2" or 3/16" (5 mm) tubular nozzle
	106.989 0.12" or 1/8" (3 mm) speed welding nozzle, push-fit on Ø 0.2" (5 mm) tubular nozzle
	106.990 0.16" or 5/23" (4 mm) speed welding nozzle, push-fit on Ø 0.2" (5 mm) tubular nozzle
	106.991 0.2" or 3/16" (5 mm) speed welding nozzle, push-fit on Ø 0.2" (5 mm) tub. nozzle
	156.470 Speed weld nozzle bend Ø 0.2" (5 mm), push-fit on 0.2" (5 mm) tubular nozzle
	106.992 0.22" (5.7 mm) A profile speed welding nozzle, push-fit
	106.993 0.28" (7 mm) B profile speed welding nozzle, push-fit
	105.431 0.12" or 1/8" (3 mm) speed welding nozzle, with small air-slide, push-fit on Ø 0.2" (5 mm) tubular nozzle
	105.432 0.16" or 5/32" (4 mm) speed welding nozzle, with small air-slide, push-fit on Ø 0.2" (5 mm) tubular nozzle
	105.433 0.2" or 3/16" (5 mm) speed welding nozzle, with small air-slide, push-fit on Ø 0.2" (5 mm) tubular nozzle



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



Heating a shrink sleeve with the HOT JET S outfitted with a push-fit sieve reflector.

	107.137 0.3" (8 mm) speed welding nozzle for tape welding, push-fit on Ø 0.2" (5 mm) tubular nozzle
	107.139 0.18 x 0.5" (4.5 x 12 mm) speed welding nozzle for fillet weld, push-fit on Ø 0.2" (5 mm) tubular nozzle
	107.324 0.5 x 0.4" (12 x 10 mm) sieve reflector, push-fit on Ø 0.2" (5 mm) tubular nozzle
	107.146 Ø 0.08" (2 mm) soldering nozzle
	107.151 Ø 0.16" (4 mm) soldering nozzle
	107.148 Ø 0.12 x 0.06" (3 x 1.5 mm) soldering nozzle, oval
	107.310 1.4 x 0.8" (35 x 20 mm) sieve reflector, push-fit
	107.311 2.0 x 1.4" (50 x 35 mm) sieve reflector, push-fit
	107.312 1.0 x 1.2" (25 x 30 mm) spoon reflector, push-fit
	107.305 0.6 x 1" (15 x 25 mm) ironing nozzle
	143.831 Nozzle adapter for screw-on nozzles
	114.734 Ski repair nozzle with base plate
	103.607 120 V / 435 W heating element

	131.867 Ø 0.2" (5 mm), tubular nozzle, 90° angled, push-fit
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Small and handy: The HOT JET S is perfect when welding complicated details in billboard and tarpaulin applications.



GHIBLI AW: Robust and ergonomic.

The GHIBLI AW is the robust and ergonomic heat gun used for shrink applications in cable manufacturing, heating and forming in the automobile industry, lap welding of truck sheeting and for deburring plastic parts. Thanks to the easy-to-grip, two-component frame, the GHIBLI AW fits perfectly in the hand. Temperature and air volume easily can be adjusted with the proven and intuitive "e-Drive" operating unit. The stand—included in the scope of delivery—

Heat gun

GHIBLI AW

1

**Stand:**

Thanks to the included stand, the GHIBLI AW can be placed in an optimum position at the workstation, thus reducing fatigue.

2

**Practical air filter:**

Regular cleaning of the air filters ensures optimum air flow and maximum power.

3

**Leister "e-Drive":**

Temperature and air volume are easy to control and inspect—with the proven "e-Drive" operating unit—for reproducible results.

4

**Fatigue-free working:**

Thanks to the integrated suspension lug, the GHIBLI AW can be suspended for fatigue-free work.

5

**Compatible:**

All of its predecessor's nozzles also fit on the GHIBLI AW. Comprehensive selection of compatible accessories.

6

**Ergonomic handling:**

The two-component handle, and the GHIBLI's perfect balance, ensure an optimal grip and comfortable work, even under the harshest of conditions.

1

2

3

4

5

6



and the practical device suspension make working easier. The air filters can be readily removed and cleaned. And of course, all of the nozzles from its predecessor fit the new GHIBLI AW.



Shrink applications in cable manufacturing – ideal with the GHIBLI AW.

Heat gun

GHIBLI AW



- Ergonomic heat gun
- Digital temperature control
- Five-stage air volume control
- "e-Drive" operating unit for optimum process control
- 100% Swiss made

Technical data

Voltage	V~	120
Frequency	Hz	50 / 60
Power	W	1800
Temperature	°F	149 – 1148
Air volume (68°C)	cfm	10.9 – 14.1 (24.7 at max. temp)
Pressure static	Pa	1800 – 3200
Ø Nozzle holder	inches	1.5 (36.5 mm)
Emission	dB(A)	67
Dimensions (L x W x H)	inches	11 x 9 x 4, Handle Ø 2
Weight	lbs	3 (without power cord)
Conformity mark	CE	
Approval mark	S	
Protection class II	□	

Article No.:

148.078 GHIBLI AW, 120 V / 1800 W, US plug

Scope of delivery: GHIBLI AW, case, stand, operating Instructions

Accessories for GHIBLI AW

	106.998 Wide slot nozzle 0.8" (20 mm), push-fit
	106.999 Wide slot nozzle 1.6" (40 mm) inch push-fit
	107.154 Tubular nozzle Ø 0.2" (5 mm) push-fit
	107.006 Extension nozzle Ø 0.2 x 5" (5 x 130 mm), straight
	107.308 Sieve reflector 2 x 1.4" (50 x 35 mm)
	107.309 Sieve reflector 1.4 x .8" (35 x 20 mm)
	107.313 Spoon reflector 1 x 1.2" (25 x 30 mm), with screw connector
	107.314 25 x 30 mm spoon reflector, push-fit
	107.319 Sieve reflector Ø 2.6" (65 mm)
	107.345 Welding mirror 5.3" (135 mm), push-fit
	158.474 Protection nozzle 36.5 mm (1.44"), air outlet 23 mm (0.9"), protection ring 80 mm (3.15")
	107.007 Ø 1.45" (37 mm) Dehorning nozzle
	106.132 1.8 x 9.8" (45 x 250 mm) shell reflector, push-fit
	145.580 Heating element, 120 V / 1700 W



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.



Shrinking cable connections with the GHIBLI.

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
Frequency	Hz	50 / 60
Power	W	1500
Temperature	°F	68 – 1112
Air volume (68°F)	cfm	10.6 / 12.4 (18.7 at max. temp)
Ø Nozzle holder	inches	1.5
Emission	dB(A)	70
Size (L x W x H)	inches	8 x 3 x 6 , Handle Ø 2
Weight	lbs	2.0 (without power cord)
Conformity mark	CE	
Approval mark	UL LISTED	
Protection class II	□	

Article No.:

- 101.887 GHIBLI 120 V / 1500 W with US plug
101.891 GHIBLI 120 V / 1500 W with US plug (UL)

Additional versions available upon request

Accessories GHIBLI

	106.998 0.8" (20 mm) wide slot nozzle, push-fit
	106.999 1.6" (40 mm) wide slot nozzle
	107.154 Ø 0.2" (5 mm) tubular nozzle, push-fit
	107.006 Ø 0.2 x 5" (5 mm x 130 mm) extension nozzle, straight
	107.308 1.4 x 2" (34 x 50 mm) sieve reflector
	107.309 0.8 x 1.4" (20 x 35 mm) sieve reflector
	107.313 1 x 1.2" (25 x 30 mm) spoon reflector, with screw connector
	107.314 1 x 1.2" (25 x 30 mm) spoon reflector, push-fit
	107.319 Ø 2.55" (65 mm) sieve reflector, push-fit
	158.474 Protection nozzle 36.5 mm (1.44"), air outlet 23 mm (0.9"), protection ring 80 mm (3.15")
	107.007 Ø 1.45" (37 mm) Dehorning nozzle
	107.345 5.3" (135 mm) welding mirror, push-fit
	106.132 5.90 x 1.0" (150 x 25 mm) shell reflector, push-fit
	101.850 120 V / 1500 W heating element

More at the new accessories catalog at

www.leister.com/accessories

General accessories

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HOTWIND: The new dimension.

Weighing just 6.6 lbs, the HOTWIND can be used either as an integrated or bench-top device. The high maximum temperature—1,472 °F (800°C)—means that the HOTWIND can be used in a variety of ways.



The HOTWIND hot air blower is perfectly-suited for drying and baking of print onto plastic components.

Hot-air hand tool

HOTWIND PREMIUM / SYSTEM



- Ideal for warming, heating, forming and drying
- Stepless adjustment of the heater and blower
- Integrated device and heating element protection
- Extremely smooth running
- Ideal for 24/7 operation

Technical data

Voltage	V~	120 / 230
Power	W	2300 / 3700
Temperature	°F	1202
Size (L x W x H)	inches	13 x 4 x 7
Weight	lbs	5 (without power cord)

Conformity mark	CE
Protection class II	□

Article No.:

140.095	HOTWIND PREMIUM, 120 V / 2300 W, without plug
142.636	HOTWIND SYSTEM, 120 V / 2300 W, without Euro plug
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 x b)	
	107.260	3.3 x 0.6" (85 x 15 mm)
	107.259	6 x 0.5" (150 x 12 mm)
	105.977	7.8 x 0.35" (200 x 9 mm)
	107.263	9.8 x 0.5" (250 x 12 mm)
	107.262	11.8 x 0.16" (300 x 4 mm)
	105.992	15.7 x 0.16" (400 x 4 mm)
	105.991	19.7 x 0.16" (500 x 5 mm)
	125.317	Flange connector, push-fit a = 3.54" (90 mm)
	107.335	Ø 6" (150 mm) sieve reflector, push-fit
	107.248	Stainless steel filter, push-fit on air intake
	141.723	Hand tool kit (handle and protective tube)
	143.530	120 V / 2200 W heating element
	103.607	230 V / 3600 W heating element

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 bulk 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
Power	kW	10
Temperature	°F	1202
Size (L × W × H)	inches	15 × 5 × 8
Weight	lbs	10 (without power cord)
Conformity mark	CE	
Approval mark	S	
Protection class II	□	
Article No.:		
102.030	FORTE S3, 3 x 230 V / 10 kW, with 32A-Cekon-plug	
102.031	FORTE S3, 3 x 230 V / 10 kW, without plug	
Additional versions available upon request		

AIRSTREAM ST: Quiet and efficient air supply unit.

Plug-in the AIRSTREAM ST for a constant, quiet supply of clean, dry, air. Need to work with two hand tools in parallel? No problem, thanks to the simultaneous power and air supply, you can connect up to two hand tools in parallel. The AIRSTREAM includes a handle and integrated tool tray, and casters (optional) for easy mobility. The AIRSTREAM ST is a highly practical solution!

1



Dual operation:

The two tool connections enable simultaneous use of two hand tools, or in series with independent settings.

2



The quick-change artist:

Easily integrates into a workspace, or under a bench, by removing the handle and flipping the integrated tool tray upside-down, or adding the optional casters for portability.

3



Quality is measurable:

Adjustable air flow for optimal welding results as airflow determines energy transfer and weld quality.

4



Automated cooldown cycle:

Hand tools last longer when cared for properly. The AIRSTREAM automatically cools down the connected tools when power is switched off. When the switch is turned "on," the tools automatically return to previous temperature and airflow settings as well.

2



1

3

4



AIRSTREAM ST, the quiet air supply unit.

Blower

AIRSTREAM ST



- Quiet operation
- Cooldown mode
- Low energy consumption
- Two hand tools can be connected
- Compatible with WELDING PEN, DIODE and LABOR
- Flow meter
- Brushless technology

Technical Data

Voltage	V~	230
Power	W	215
Frequency	Hz	50
Air volume	cfm	7.06 (Total)
Emission	L _{pA} (dB)	< 48 (with 10 ft hose)
Size (L × W × H)	inches	24 × 10 × 14 (with handle)
Weight	lbs	53
Conformity mark	CE	
Protection class I	⏏	

Scope of delivery:

Air supply unit, hose transition pieces, clips, operating instructions

Article-No.:

158.822 AIRSTREAM ST, 230 V/215 W, EU-plug

Accessories AIRSTREAM ST



159.535 Caster set



159.481 Air hose connection set



Easy parallel operation.



A reliable companion.

ROBUST: The powerhouse.

Versatile and operable at high ambient temperatures of up to 140 °F. Despite its small size, the ROBUST is a real powerhouse. This blower can supply air for up to three hot-air hand tools simultaneously.



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)

Technische Daten

Frequency	Hz	50	60
Power	W	250	250
Air volume (68 °F)	cfm	42	46
Static pressure	psi	1.16	1.52
Max. ambient temperature	°F	140	140
Max. air inlet temperature	°F	140	140
Noise emission level	dB(A)	62	62
Protection (IEC 60529)		IP 54	IP 54
Outside diameter air inlet	Ø inches	1.5 (38 mm)	1.5 (38 mm)
Outside diameter air outlet	Ø inches	1.5 (38 mm)	1.5 (38 mm)
Weight	lbs	18	18
Conformity mark		CE	CE
Protection class I		⊕	⊕

Artikel-Nr.:

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

Accessories ROBUST

	107.354 Stainless steel filter, push-fit on air intake
	107.281 Ø 1.5" (38 mm) hose connection adapter, 3 output each 0.55" (14 mm)
	113.859 Ø 0.55" (14 mm) air hose
	101.031 Ø 0.55" (14 mm) hose clip for air hose

WELDING PEN: Slim and flexible.

The WELDING PEN is a hot-air hand tool optimized for draw welding. Due to its slim design and swiveling external air supply, the Welding Pen makes hard work easy.



WELDING PEN R, combined with angle adapters, make welding possible even in very tight spaces.

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, AIRSTREAM ST or compressed air

Technical data		
Voltage	V~	120
Power	W	600
Temperature	°F	68 – 1112
Size (L × Ø)	inches	11 × 2, handle Ø 1
Weight	lbs	2 (with 10 ft cord / air hose and Y-connection)
Conformity mark	CE	
Protection class II	□	
Article No.:		
114.576	WELDING PEN R, 120 V / 600 W, with US plug, 2.7 yards hose	
113.708	WELDING PEN S, 120 V / 600 W, with US plug, 2.7 yards hose	
114.380	WELDING PEN R, 230 V / 1000 W, with Euro plug, 2.7 yards hose	
113.081	WELDING PEN S, 230 V / 1000 W, with Euro plug, 2.7 yards hose	
114.926	WELDING PEN R, 230 V / 1000 W, with Euro plug, 6.6 m hose	
114.274	WELDING PEN S, 230 V / 1000 W, with Euro plug, 6.6 m hose	
114.927	WELDING PEN R, 230 V / 1000 W, with Euro plug, 9.8 m hose	
114.273	WELDING PEN S, 230 V / 1000 W, with Euro plug, 9.8 m hose	

Accessories WELDING PEN R / S

	105.622 Ø 0.2" (5 mm) tubular nozzle, 15° screw-on
	106.988 Tacking nozzle, screw-on
	113.666 Ø 0.12" (3 mm) round drawing nozzle with tacking tip, screw-on
	113.399 Ø 0.16" (4 mm) round drawing nozzle, with tacking tip, screw-on
	113.876 Ø 0.12" (3 mm) round drawing nozzle without tacking tip, screw-on
	113.874 Ø 0.16" (4 mm) round drawing nozzle, without tacking tip, screw-on
	113.670 Triangular drawing nozzle with tacking tip, screw-on, 0.22" (5.7 mm) profile A
	113.877 without tacking tip, screw-on 0.22" (5.7 mm), profile A
	106.986 without tacking tip, screw-on 0.28" (7 mm), profile B
	106.987 without tacking tip, screw-on 0.28 x 0.22" (7 x 5.5 mm)
	126.552 Ø 0.16" (4 mm) drawing nozzle, screw-on for fluoroplastics
	127.726 Angular adapter for screw-on nozzles, screw-on 30°
	127.727 45°
	141.375 Connection adapter M14 for Ø 0.84" (21.3 mm) nozzle with plug
	113.597 120 V / 600 W heating element for WELDING PEN R and WELDING PEN S

Swiveling air hose for easy working.



More at the new accessories catalog at

www.leister.com/accessories

General accessories

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DIODE PID / S: The powerful pair.

There are two options for high-quality work: The closed-loop 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, AIRSTREAM ST 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
Power	W	1600
Temperature	°F	68 – 1112
Size (L × Ø)	inches	10 × 2, handle Ø 1.6
Weight	lbs	3 lbs (with 10 ft cord / 10 ft air hose)
Conformity mark	CE	
Protection class II	□	

Article No.:

101.291	DIODE S, 120 V / 1600 W, for push-fit nozzles, with US plug
101.292	DIODE S, 120 V / 1600 W, for screw-on nozzles, with US plug
101.311	DIODE PID, 120 V / 1600 W, for push-fit nozzles, with US plug
101.312	DIODE PID, 120 V / 1600 W, for screw-on nozzles, with US plug
101.281	DIODE S, 230 V / 1600 W, for snap-fit nozzles, with Schuko plug
101.303	DIODE PID, 230 V / 1600 W, for snap-fit nozzles, with Schuko 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~	120
Power	W	1600
Temperature	°F	68 – 1112
Size (L × Ø)	inches	10 × 2, handle Ø 1.6
Weight	lbs	6 lbs (with 10 ft cord / 5 ft air hose)
Conformity mark	CE	
Protection class II	□	

Article No.:

101.447	DIODE S, 120V / 1700 W, for push-fit nozzles, connected to MINOR 5 ft air hose, US plug
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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 0.2" (5 mm) tubular nozzle, for versions with push-fit nozzles
	100.300	Heater tube for push-fit nozzles
	100.304	Heater tube for screw-on nozzles
		Speed welding nozzle, push-fit on Ø 0.2" (5 mm) tubular nozzle
	106.992	0.22" (5.7 mm), profile A
	106.993	0.28" (7 mm), profile B
	106.989	0.12" (3 mm)
	106.990	0.16" (4 mm)
	106.991	0.2" (5 mm)
	156.470	0.2" (5 mm) bent
	106.996	Tacking nozzle, push-fit on Ø 0.2" (5 mm) tubular nozzle
	143.833	Nozzle adapter for screw-on nozzles
	100.650	120 V / 1600 W heating element for DIODE PID
	100.702	120 V / 1600 W heating element for DIODE S

With screw-on nozzle

	105.622	Ø 0.2" (5 mm) tubular nozzle, screw-on
	106.988	Tacking nozzle, screw-on
	113.666	Ø 0.12" (3 mm) round drawing nozzle with tacking tip, screw-on
	113.399	Ø 0.16" (4 mm) round drawing nozzle, with tacking tip, screw-on
	113.876	Ø 0.12" (3 mm) round drawing nozzle without tacking tip, screw-on
	113.874	Ø 0.16" (4 mm) round drawing nozzle, without tacking tip, screw-on
	113.670	Triangular drawing nozzle, with tacking tip, screw-on, 0.22" (5.7 mm)
	113.877	Without tacking tip, screw-on 0.22" (5.7 mm), profile A
	106.986	Without tacking tip, screw-on 0.28" (7 mm), profile B
	106.987	0.28 x 0.22" (7 x 5.5 mm)
	126.552	0.16" (4 mm) drawing nozzle, screw-on, for fluoroplastics
	141.375	Connection adapter M14 for Ø 0.84" (21.3 mm) nozzle with plug

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~	120
Power	W	100
Air volume (68°F)	cfm	14.1
Pressure static	psi	0.58
Air outlet (external)	inches	0.6 (15 mm)
Size (L x Ø)	inches	9 x 4, handle Ø 2.5
Weight	lbs	2.5 (with 10 ft cord)
Conformity mark	CE	
Protection class II	□	

Article No.:

108.749 MINOR, 120 V / 100 W, with US plug

Additional versions available upon request

More at the new accessories catalog at

www.leister.com/accessories

LABOR S: Small and handy.

Developed for laboratory use but also eminently suitable for small welding tasks where access is difficult.



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, AIRSTREAM ST, MINOR or with compressed air
- Ideal for mobile use when coupled with MINOR blower

Technical data

Voltage	V~	120
Power	W	600 / 700
Temperature	°F	68 – 1112
Size (L x Ø)	inches	7 x 2, handle Ø 1.3
Weight	lbs	0.33 (without air hose and without cord)
Conformity mark	CE	
Approval mark	UL	
Protection class II	□	

Article No.:

101.721	LABOR S w/junction box, 120 V / 600 W w/US plug, 10 ft PVC hose, UL
101.740	LABOR S w/junction box, 120 V / 600 W, w/US plug, 10 ft silicon hose, UL

Additional versions available upon request

Accessories LABOR S

	107.144 Ø 0.2" (5 mm) tubular nozzle, push-fit
	106.992 Speed weld nozzle, push-fit on Ø 0.2" (5 mm) tubular nozzle
	106.993 0.22" (5.7 mm), profile A
	106.989 0.28" (7 mm), profile B
	106.989 0.12" (3 mm)
	106.990 0.16" (4 mm)
	106.991 0.2" (5 mm)
	156.470 0.2" (5 mm) bent
	106.996 Tacking nozzle, push-fit on Ø 0.2" (5 mm) tubular nozzle
	143.831 Nozzle adapter for screw-on nozzles
	107.146 Ø 0.08" (2 mm) soldering nozzle
	107.151 Ø 0.16" (4 mm) soldering nozzle
	107.148 Ø 0.12 x 0.06" soldering nozzle, oval
	105.622 Ø 0.2" (4 mm) tubular nozzle, screw-on
	106.988 Tacking nozzle, screw-on
	113.666 Ø 0.12" (3 mm) round drawing nozzle with tacking tip, screw-on
	113.399 Ø 0.16" (4 mm) round drawing nozzle, with tacking tip, screw-on
	113.876 Ø 0.12" (3 mm) round drawing nozzle without tacking tip, screw-on
	113.874 Ø 0.16" (4 mm) round drawing nozzle, without tacking tip, screw-on
	113.670 Triangular drawing nozzle, with tacking tip, screw-on, 0.22" (5.7 mm)
	113.877 Without tacking tip, screw-on 0.22" (5.7 mm), profile A
	106.986 Without tacking tip, screw-on 0.28" (7 mm), profile B
	106.987 0.28" x 0.22" (7 x 5.7 mm)
	126.552 0.16" (4 mm) drawing nozzle, screw-on, for fluor plastics
	101.643 120 V / 600 W heating element

More at the new accessories catalog at

www.leister.com/accessories

General accessories

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The new "GROOVY" gouging tool also is perfectly suited for floor joints.

Hot-air hand tools

General accessories

	106.974 3" (80 mm) silicone pressure roller		160.015 Cable extension cord 16 yards (15 m) PUR 5 x 2.5 mm2, with CEE 400V plug
	140.160 1.6" (40 mm) silicone pressure roller with ball bearings (silicone)		159.239 Cable extension cord 16 yards 15 m PUR 3 x 2.5 mm2, with EU plug 230V
	140.599 Spare roll for 140.160		106.997 Ø 0.23" (6 mm) rotary burr for drilling machine, for car repairs
	140.161 1.1" (28 mm) silicone pressure roller with ball bearings (silicone)		116.798 Brass brush
	140.598 Spare roll for 140.161		142.647 Brass brush Ø 0.12" (3 mm)
	106.976 1.1" (28 mm) PTFE pressure roller		107.348 Tool rest for TRIAC AT, TRIAC ST, ELECTRON ST
	106.972 Brass pressure roller with ball bearings		103.401 Tool rest for HOT JET, LABOR S
	106.981 Pressure roller for custom seal		137.855 Leister cutter with four spare blades
	138.314 Seam probe tester for overlap seams		138.902 Hooked blade for LEISTER-cutter (10 dispensers with 10 pcs=100 pcs)
	111.346 Chamfer planer with seven spare blades, for sealing sheets		138.539 Straight-edge blade for LEISTER-cutter (10 dispensers with 10 pcs = 100 pcs)
	111.348 Spare blades kit containing ten blades		151.382 Inside corner tool
	106.966 Hand grooving tool		153.009 Plastfix
	106.968 Spare blades for hand grooving tool		154.259 Scraper blade
	151.188 Chamfer planer for T-joints for sealing sheets		154.026 Contour scraper
	152.676 Weld seam template		116.586 Storage case for TRIAC AT, TRIAC ST, ELECTRON ST
	157.544 Leister Universal scissors 10.2 inch with special shaft grinding		
	160.353 Cable cord roller 27.3 yards (25 m) PUR 5 x 2.5 mm2, with 1 x CEE 400V and 2 x EU socket 230V		
	161.152 Cable cord roller 27.3 yards (25m) PUR 5x2.5mm2, with 1x CEE 400V and 2x T23 CH socket 230V		
	161.207 Cable cord roller 27.3 yards (25m) PUR 5x2.5mm2, with 1x CEE 400V and 2x Typ E with ground pin socket 230V		

More at the new accessories catalog at

www.leister.com/accessories



Welding rods

Article	Profile	Colour	lbs
Welding accessories PE			
104.283 HDPE welding rod	A	Black	6.6
104.294 HDPE welding rod	A	White	6.6
104.284 HDPE welding rod	B	Black	11
104.299 HDPE welding rod	B	White	11
106.650 HDPE welding band	C	White	2.2
104.300 LDPE welding rod	A	Black	6.6
161.612 HDPE welding rod	D	Black	4.4
Welding accessories PP			
104.287 PP welding rod	A	Light Green	6.6
104.301 PP welding rod	A	Black	6.6
104.288 PP welding rod	B	Light Green	11
126.356 PP welding band	C	White	4.4
161.611 PP welding rod	D	Light Green	4.4
Welding accessories PVC			
104.296 PVC-U welding rod (hard)	A	White	6.6
104.278 PVC-U welding rod (hard)	A	Grey	6.6
106.641 PVC-U welding rod	A	Brown	6.6
104.280 PVC-U welding rod (hard)	B	Brown	11
104.279 PVC-U welding rod (hard)	B	Grey	11
104.302 PVC-P welding rod (soft)	A	White	6.6
Welding accessories ABS			
104.295 ABS welding rod	A	White	6.6
113.587 ABS welding rod	A	Black	6.6
107.027 ABS welding band	C	White	2.2

Article	Profile	Colour	lbs
Welding accessories div.			
104.297 PA welding rod	A	Black	6.6
104.298 PC welding rod	A	White	6.6
104.313 PC welding rod / ABS / ALPHA (Honda)	A	Black	6.6
104.308 PUR welding rod	A	Black	6.6
106.654 Xenoy welding band	C	Grey	4.4
106.642 PP's welding rod, flame resistant	A	Grey	6.6
104.304 PVDF welding rod	A	White	6.6
104.303 POM welding rod	A	White	6.6
Test bundles			
107.036	Test bundle bodywork welding rods, each consisting of profile A pieces of 14.6" single marked 6x HDPE, 6x PP, 6x PA, 6x PC, 6x ABS, 6x PCABS / ALPHA Honda, 6x PC / PBTP / Xenoy 		
107.037	Test bundles standard each consisting of profile A pieces of 14.6" single marked 5x PVC-U, 5x PVC-P, 5x PP, 5x ABS, 5x HDPE, 3x PC, 3x PA, 3x POM, 3x LDPE, 3x PC / ABS / ALPHA Honda, 3x PC / PBTP / Xenoy 		
107.040	Test bundle welding band each consisting of profile A pieces of 14.6" single marked 9x HDPE, 8x 0.08" white, 9x PP, 8x 0.08" natural, 9x ABS, 8x 0.08" white, 9x PC / PBTP / Xenoy grey 		

Profile sizes

Dimensions in inches

Profile A	Profile B	Profile C	Profile D