





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	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	8.5 (20 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	4 - 8.5 (20 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	□	


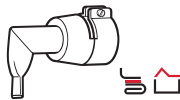
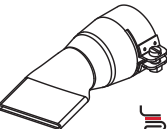
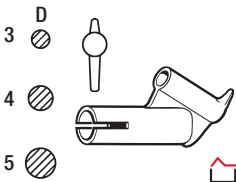
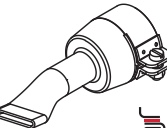
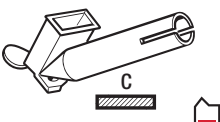
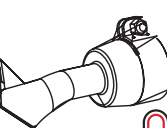
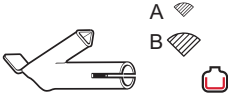
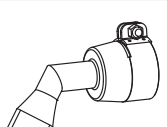
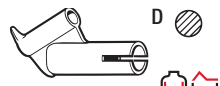
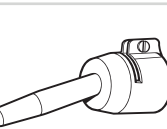
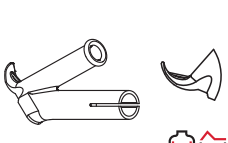
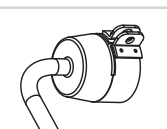

#### Article No.:

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


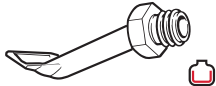
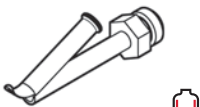
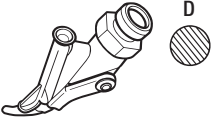
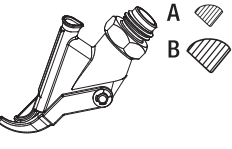
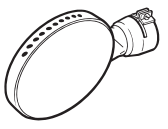

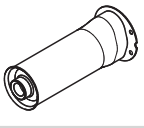

Mirror welding

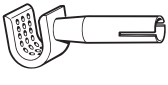
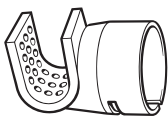
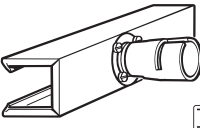
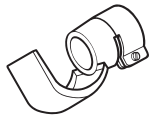
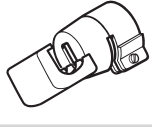
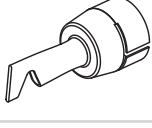
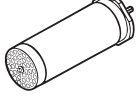


Draw welding



Shrinking

	<b>105.622</b> Ø 0.2" (5 mm) tubular nozzle, screw-on
	<b>106.988</b> Tacking nozzle, screw-on
	<b>126.552</b> Ø 0.16" (4 mm) drawing nozzle, screw-on for fluoroplastics
	<b>113.666</b> Ø 0.12" (3 mm) drawing nozzle with tacking tip, screw-on
	<b>113.399</b> Ø 0.16" (4 mm) drawing nozzle with tacking tip, screw-on
	<b>113.876</b> Ø 0.12" (3 mm) drawing nozzle without tacking tip, screw-on
	<b>113.874</b> Ø 0.16" (4 mm) drawing nozzle without tacking tip, screw-on
	<b>113.670</b> Drawing nozzle triangular-shaped, with tacking tip, screw-on 0.22" (5.7 mm), profile A
	<b>113.877</b> Without tacking tip, screw-on 0.22" (5.7 mm), profile A
	<b>106.986</b> Without tacking tip, screw-on 0.28" (7 mm) profile B
	<b>106.987</b> Without tacking tip 0.28" x 0.22" (7 x 5.7 mm)
	<b>107.344</b> 5.31" (135 mm) welding mirror, push-fit
	<b>143.833</b> Nozzle adapter for screw-on nozzles
	<b>143.332</b> Protection tube for screw-on nozzles (for TRIAC ST only)
	<b>141.375</b> Connection adapter M14 for Ø 0.83 inch nozzle with plug

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

Additional versions available upon request.  
 Technical data is 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.

## Product advantages



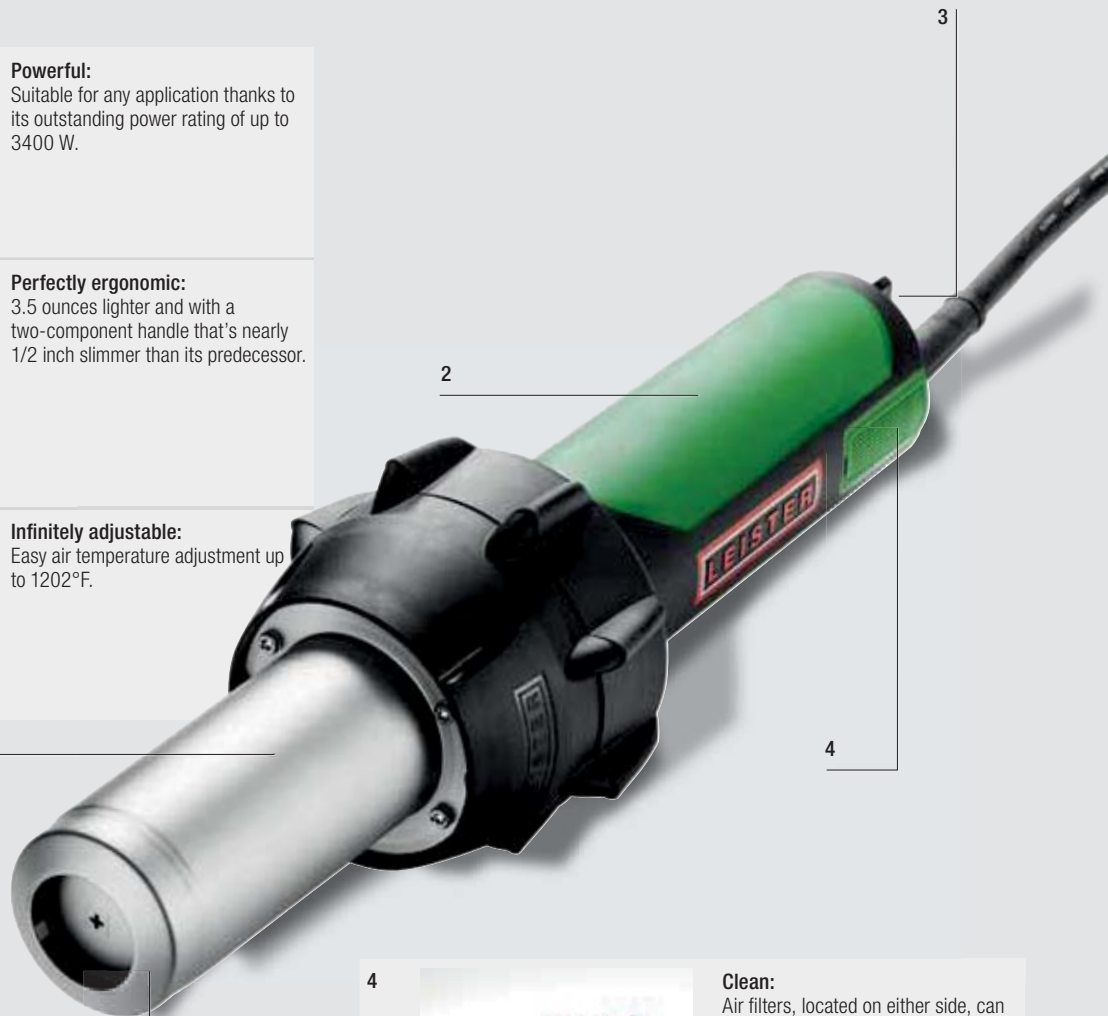
**Powerful:**  
Suitable for any application thanks to its outstanding power rating of up to 3400 W.



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



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



**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.



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

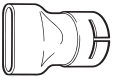




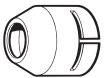



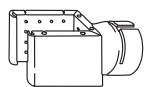


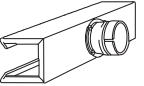




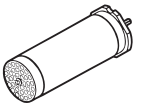
#### Technical data

Voltage	V~	230 / 230 / 120
Frequency	Hz	50 / 60
Power	W	2300 / 3400 / 2400
Temperature	°F	104 – 1202
Air volume (68°F)	cfm	10.8 (25.6 at max. temp)
Dynamic pressure	Pa	3000
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

	<b>107.258</b>	Wide slot nozzle, push-fit 2.8 × 0.4" (70 x 10 mm), for bitumen
	<b>107.266</b>	Wide slot nozzle, 3" flat nozzle
	<b>107.653</b>	Wide slot nozzle 3 × 0.08" (75 x 2 mm), push-fit
	<b>151.068</b>	Tool stand for 107.653
	<b>107.270</b>	Wide slot nozzle 6 × 0.5" (150 x 12 mm), push-fit
	<b>107.229</b>	Round nozzle 0.8" (20 mm)
	<b>107.331</b>	2.83 × 2.8" (72 x 70 mm) folding reflector, push-fit
	<b>107.328</b>	2.4 × 3" (60 x 75 mm) folding reflector, push-fit
	<b>107.330</b>	5 × 0.85" (125 x 22 mm) folding reflector, push-fit
	<b>107.327</b>	3 × 3" (85 x 85 mm) sieve reflector, push-fit
	<b>107.333</b>	5.1 × 5.9" (130 x 150 mm) sieve reflector, push-fit
	<b>106.127</b>	Ø 2.6" (65 mm) sieve reflector, push-fit
	<b>107.340</b>	2 × 10" (45 x 250 mm) shell reflector, push-fit
	<b>107.346</b>	10.6" (270 mm) welding mirror, push-fit
	<b>142.281</b>	Scraper nozzle
	<b>107.134</b>	Tape welding nozzle 1.6" (40 mm)
	<b>148.933</b>	Protective tube
	<b>145.606</b> <b>149.675</b> <b>145.604</b>	Heating elements 230 V / 3300 W 230 V / 2200 W 120 V / 2300 W

General accessories

34 / 35



# 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	0.7 – 2.8 (6.5 at max. temp)
Pressure static	Pa	1500
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

	<b>107.141</b>	0.6" (15 mm) wide slot nozzle, push-fit
	<b>107.142</b>	0.8" (20 mm) wide slot nozzle, push-fit
	<b>105.549</b>	0.4 x 0.08" (10x 2mm) wide slot nozzle
	<b>107.144</b>	Ø 0.2" (5 mm) tubular nozzle, push-fit
	<b>105.567</b>	Ø 0.2 x 6" (5 x 150 mm) extension nozzle, straight
	<b>105.566</b>	Ø 0.3" (8 mm) tubular nozzle, straight
	<b>105.575</b>	Ø 0.2" (5 mm) tubular nozzle, straight
	<b>105.556</b>	0.8" (20 mm) angled nozzle, 70° angled, push-fit
	<b>106.996</b>	Tacking nozzle, push-fit on Ø 0.2" or 3/16" (5 mm) tubular nozzle
	<b>106.989</b>	0.12" or 1/8" (3 mm) speed welding nozzle, push-fit on Ø 0.2" (5 mm) tubular nozzle
	<b>106.990</b>	0.16" or 5/23" (4 mm) speed welding nozzle, push-fit on Ø 0.2" (5 mm) tubular nozzle
	<b>106.991</b>	0.2" or 3/16" (5 mm) speed welding nozzle, push-fit on Ø 0.2" (5 mm) tub. nozzle
	<b>156.470</b>	Speed weld nozzle bend Ø 0.2" (5 mm), push-fit on 0.16 (4mm) and 0.2" (5 mm) tubular nozzle
	<b>106.992</b>	0.22" (5.7 mm) A profile speed welding nozzle, push-fit
	<b>106.993</b>	0.28" (7 mm) B profile speed welding nozzle, push-fit
	<b>105.431</b>	0.12" or 1/8" (3 mm) speed welding nozzle, with small air-slide, push-fit on Ø 0.2" (5 mm) tubular nozzle
	<b>105.432</b>	0.16" or 5/32" (4 mm) speed welding nozzle, with small air-slide, push-fit on Ø 0.2" (5 mm) tubular nozzle
	<b>105.433</b>	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.

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

	<b>131.867</b> $\varnothing 0.2"$ (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.



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 GIBLI AW.



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

Heat gun

**GIBLI 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	5 – 9.5 (21 at max. temp)
Pressure static	Pa	3000
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		Ⓢ
Protection class II		□

**Article No.:**

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

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

**Accessories for GIBLI AW**

	<b>106.998</b>	Wide slot nozzle 0.8" (20 mm), push-fit
	<b>106.999</b>	Wide slot nozzle 1.6" (40 mm) inch push-fit
	<b>107.154</b>	Tubular nozzle Ø 0.2" (5 mm) push-fit
	<b>107.006</b>	Extension nozzle Ø 0.2 x 5" (5 x 130 mm), straight
	<b>107.308</b>	Sieve reflector 2 x 1.4 (50 x 35 mm)
	<b>107.309</b>	Sieve reflector 1.4 x .8" (35 x 20 mm)
	<b>107.313</b>	Spoon reflector 1 x 1.2" (25 x 30 mm), with screw connector
	<b>107.325</b>	Solder reflector 0.67 x 1.3" (17 x 34 mm), push-fit
	<b>107.319</b>	Sieve reflector Ø 2.6" (65 mm)
	<b>107.345</b>	Welding mirror 5.3" (135 mm), push-fit
	<b>107.007</b>	Ø 1.45" (37 mm) Dehorning nozzle
	<b>106.132</b>	1.8 x 9.8" (45 x 250 mm) shell reflector, push-fit
	<b>145.580</b>	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 (28.5 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" (5mm 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
	107.325	0.7 x 1.3" (17 x 34 mm) soldering reflector, push-fit
	107.319	Ø 2.55" (65 mm) sieve reflector, push-fit
	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

General accessories



# 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 × W × H)	inches	13 × 4 × 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 × b)	
	<b>107.260</b> 3.3 × 0.6" (85 x 15 mm)
	<b>107.259</b> 6 × 0.5" (150 x 12 mm)
	<b>105.977</b> 7.8 × 0.35" (200 x 9 mm)
	<b>107.263</b> 9.8 × 0.5" (250 x 12 mm)
	<b>107.262</b> 11.8 × 0.16" (300 x 4 mm)
	<b>105.992</b> 15.7 × 0.16" (400 x 4 mm)
	<b>105.991</b> 19.7 × 0.16" (500 x 5 mm)
	<b>125.317</b> Flange connector, push-fit a = 3.54" (90 mm)
	<b>107.335</b> Ø 6" (150 mm) sieve reflector, push-fit
	<b>107.248</b> Stainless steel filter, push-fit on air intake
	<b>141.723</b> Hand tool kit (handle and protective tube)
	<b>143.530</b> 120 V / 2200 W heating element
	<b>103.607</b> 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 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		Ⓢ
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!



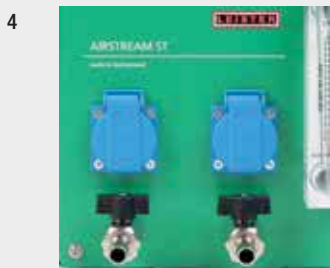
**1 Dual operation:**  
The two tool connections enable simultaneous use of two hand tools, or in series with independent settings.



**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.





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 <sub>pA</sub> (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		⊕

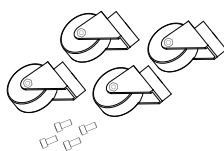
## Scope of delivery:

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

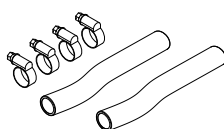
## Article-No.:

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)


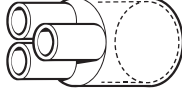
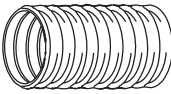
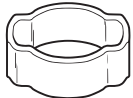
#### Technische Daten

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.:	<b>103.434</b>		<b>103.429</b>
10 ft cord / Euro plug	Article No.:		<b>103.432</b>	

## Accessories ROBUST

	<b>107.354</b> Stainless steel filter, push-fit on air intake
	<b>107.281</b> Ø 1.5" (38 mm) hose connection adapter, 3 output each 0.55" (14 mm)
	<b>113.859</b> Ø 0.55" (14 mm) air hose
	<b>101.031</b> 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 x Ø)	inches	11 x 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, for screw-on nozzle, with US plug
- 113.708 WELDING PEN S, 120 V / 600 W, for screw-on nozzle, with US 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 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.



General accessories

## 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 x Ø)	inches	10 x 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 x Ø)	inches	10 x 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

General accessories





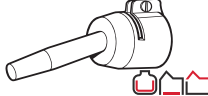


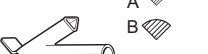



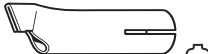





The MINOR blower as an air supply for the DIODE PID.

## MINOR: The mobile air supplier.

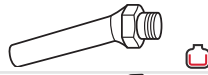
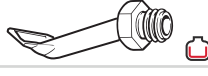




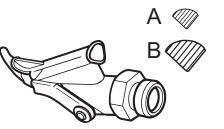
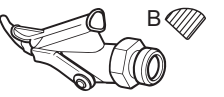




Don't be deceived by the MINOR's small size and low weight. This blower delivers sufficient air to enable quality work with the DIODE PID / DIODE S or LABOR S.

### Accessories DIODE PID / DIODE S

#### With push-fit nozzle

	<b>100.303</b> Ø 0.2" (5 mm) tubular nozzle, for versions with push-fit nozzles
	<b>100.300</b> Heater tube for push-fit nozzles
	<b>100.304</b> Heater tube for screw-on nozzles
	<b>106.992</b> 0.22" (5.7 mm), profile A
	<b>106.993</b> 0.28" (7 mm), profile B
	<b>106.989</b> 0.12" (3 mm)
	<b>106.990</b> 0.16" (4 mm)
	<b>106.991</b> 0.2" (5 mm)
	<b>156.470</b> 0.2" (5 mm) bent
	<b>106.996</b> Tacking nozzle, push-fit on Ø 0.2" (5 mm) tubular nozzle
	<b>143.833</b> Nozzle adapter for screw-on nozzles
	<b>100.650</b> 120 V / 1600 W heating element for DIODE PID
	<b>100.702</b> 120 V / 1600 W heating element for DIODE S

#### With screw-on nozzle

	<b>105.622</b> Ø 0.2" (5 mm) tubular nozzle, screw-on
	<b>106.988</b> Tacking nozzle, screw-on
	<b>113.666</b> Ø 0.12" (3 mm) round drawing nozzle with tacking tip, screw-on
	<b>113.399</b> Ø 0.16" (4 mm) round drawing nozzle, with tacking tip, screw-on
	<b>113.876</b> Ø 0.12" (3 mm) round drawing nozzle without tacking tip, screw-on
	<b>113.874</b> Ø 0.16" (4 mm) round drawing nozzle, without tacking tip, screw-on
	<b>113.670</b> Triangular drawing nozzle, with tacking tip, screw-on, 0.22" (5.7 mm)
	<b>113.877</b> Without tacking tip, screw-on 0.22" (5.7 mm), profile A
	<b>106.986</b> Without tacking tip, screw-on 0.28" (7 mm), profile B
	<b>106.987</b> 0.28 x 0.22" (7 x 5.5 mm)
	<b>126.552</b> 0.16" (4 mm) drawing nozzle, screw-on, for fluor plastics
	<b>141.375</b> 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



# 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

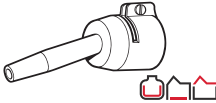
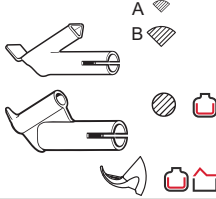


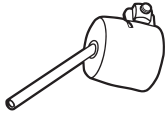
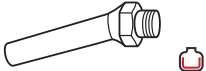
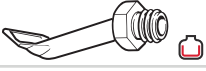
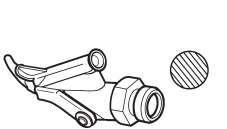

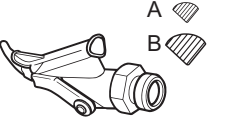

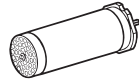
Voltage	V~	120
Power	W	600 / 700
Temperature	°F	68 – 1112
Size (L × Ø)	inches	7 × 2, handle Ø 1.3
Weight	lbs	0.33 (without air hose and without cord)
Conformity mark	CE	
Approval mark	UL	
Protection class II	□	

#### 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

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

General accessories

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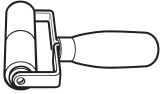

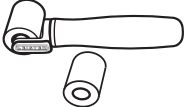
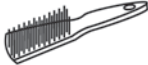
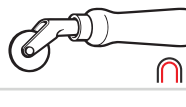


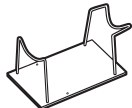
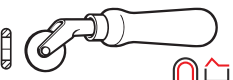

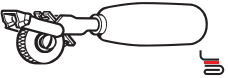

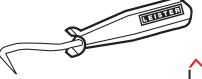

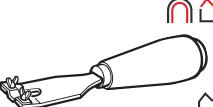
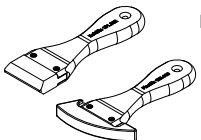


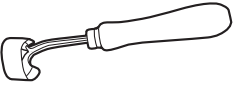
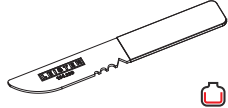

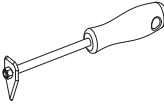
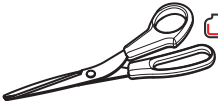
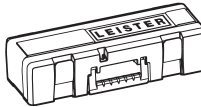
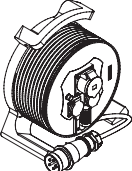




The new "GROOVY" gouging tool also is perfectly suited for floor joints.

## Hot-air hand tools

### General accessories

	<b>106.974</b> 3" (80 mm) silicone pressure roller		<b>106.997</b> Ø 0.23" (6 mm) rotary burr for drilling machine, for car repairs
	<b>140.160</b> 1.6" (40 mm) silicone pressure roller with ball bearings (silicone) <b>140.599</b> Spare roll for 140.160		<b>116.798</b> Brass brush
	<b>140.161</b> 1.1" (28 mm) silicone pressure roller with ball bearings (silicone) <b>140.598</b> Spare roll for 140.161		<b>142.647</b> Brass brush Ø 0.12" (3 mm)
	<b>106.976</b> 1.1" (28 mm) PTFE pressure roller		<b>107.348</b> Tool rest for TRIAC AT, TRIAC ST, ELECTRON ST <b>103.401</b> Tool rest for HOT JET, LABOR S
	<b>106.972</b> Brass pressure roller with ball bearings		<b>137.855</b> Leister cutter with four spare blades
	<b>106.981</b> Pressure roller for custom seal		<b>138.902</b> Hooked blade for LEISTER-cutter (10 dispensers with 10 pcs=100 pcs)
	<b>138.314</b> Seam probe tester for overlap seams		<b>138.539</b> Straight-edge blade for LEISTER-cutter (10 dispensers with 10 pcs = 100 pcs)
	<b>111.346</b> Chamfer plane with seven spare blades, for sealing sheets <b>111.348</b> Spare blades kit containing ten blades		<b>151.382</b> Inside corner tool
	<b>106.966</b> Hand grooving tool <b>106.968</b> Spare blades for hand grooving tool		<b>153.009</b> Plastfix
	<b>151.188</b> Chamfer plane for T-joints		<b>154.259</b> Scraper blade
	<b>152.676</b> Weld seam template		<b>154.026</b> Contour scraper
	<b>157.544</b> Leister Universal scissors 10.2 inch with special shaft grinding		<b>116.586</b> Storage case for TRIAC AT, TRIAC ST, ELECTRON ST
	<b>160.353</b> Cable cord roller 27.3 yards (25 m) PUR 5 x 2.5 mm <sup>2</sup> , with 1 x CEE 400V and 2 x EU socket 230V <b>160.015</b> Cable extension cord 16 yards (15 m) PUR 5 x 2.5 mm <sup>2</sup> , with CEE 400V plug <b>159.339</b> Cable extension cord 16 yards 15 m PUR 3 x 2.5 mm <sup>2</sup> , with EU plug 230V		





## Welding rods

Article		Profile	Colour	lbs
<b>Welding accessories PE</b>				
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
<b>Welding accessories PP</b>				
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
<b>Welding accessories PVC</b>				
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
<b>Welding accessories ABS</b>				
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
<b>Welding accessories div.</b>				
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	PPs 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

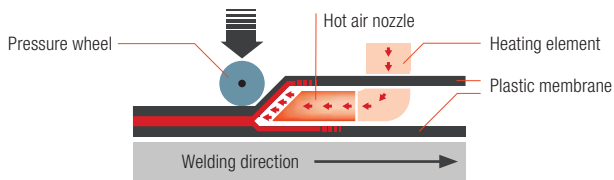


# Leister. We know how.

Leister is a world leader in the industry and one of the pioneers in the fields of hot-air, hot-wedge and extrusion welding processes. Leister Technologies AG manufactures high-quality welding machines for demanding work for all industries, in which plastic is processed.

## Know-how

### Welding Methods

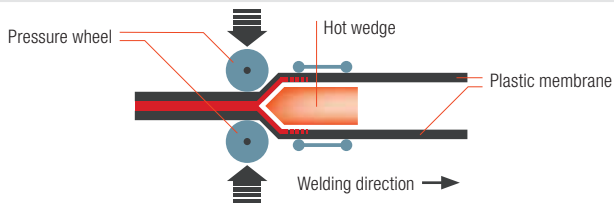


#### Hot-air Welding

Hand tools, automatic welders, stationary welding machines



In hot gas welding, the thermal energy is controlled. Heated air is fed into the workpiece and the required amount of pressure is exerted onto the wheels.

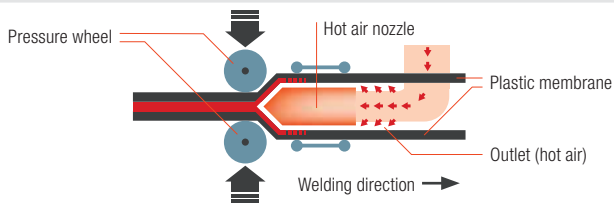


#### Hot-wedge Welding

Wedge welders



The process where the wedge is heated directly by heating cartridges. The generated heat is transferred directly onto the workpiece. This method also is suitable for thicker materials.

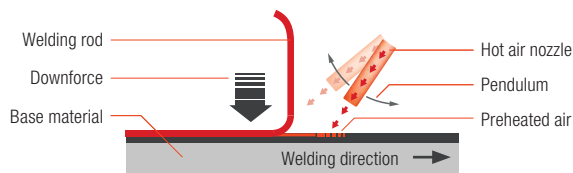


#### Combi-wedge Welding

Combi-wedge welding machines



When Combi-wedge welding (combination of a heated wedge and hot air), preheating of the air and the actual welding process is carried out over a wedge. The preheated air also takes partial cleaning of the workpieces.

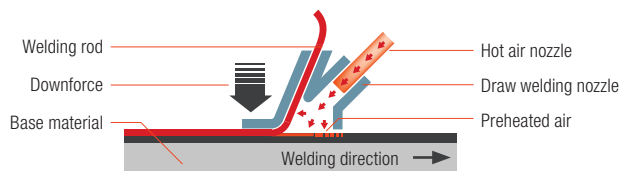


#### Pendulum Welding

Hand tools



Pendulum welding requires a welding rod similar to the base material. Both surfaces are then heated using hot air. Using an up and down, pendulum-like motion and consistent downward pressure, the two are joined.

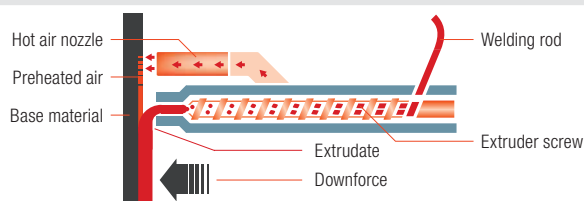


#### Draw Welding (Speed Welding)

Hand tools



This welding method requires the use of a speed welding nozzle. Preheat the surfaces to the appropriate temperature. The surfaces are plasticized by hot air and joined under consistent downward pressure.



#### Extrusion Welding

Extrusion Welders (FUSION & WELDPLAST)



In extrusion welding, the substrate is preheated with hot air and connected by adding the extrudate. The welding rod is fed into the heater barrel and the plast is processed by the extruder screw.

# Plastic welding with Leister

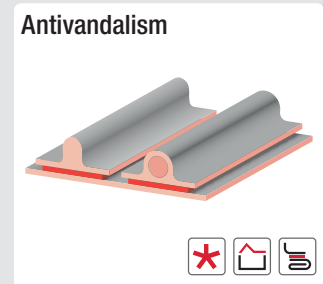
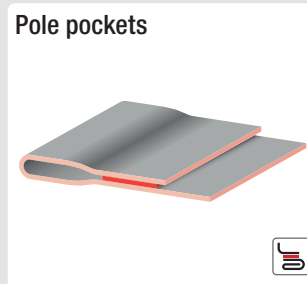
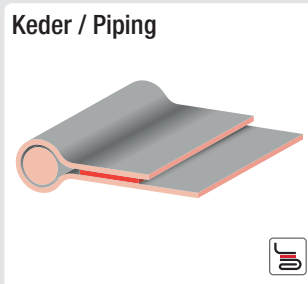
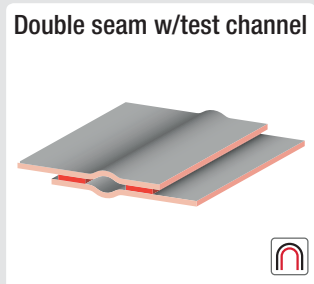
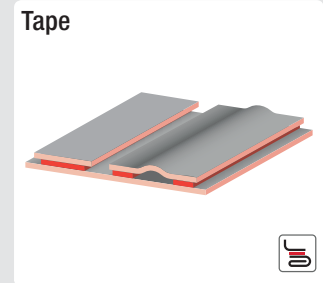
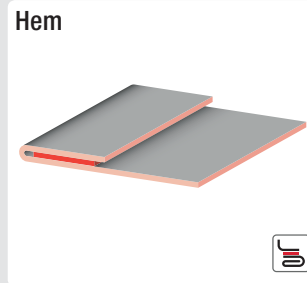
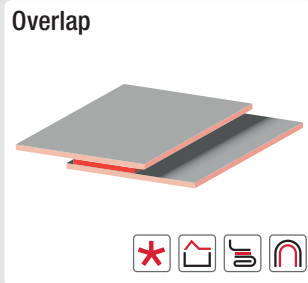
In plastic welding, thermoplastic materials are joined through the combination of thermal energy, pressure and welding speed. Combined, these key factors are the main considerations in the welding of many types of applications including: roofing, civil engineering, tunneling, tents & tarps, signs & banners, floor coverings, vehicle repairs, plastic fabrication and many more.

Know-how

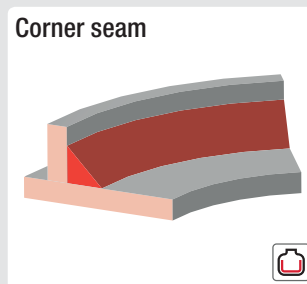
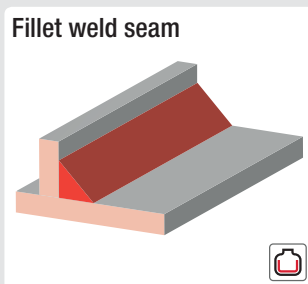
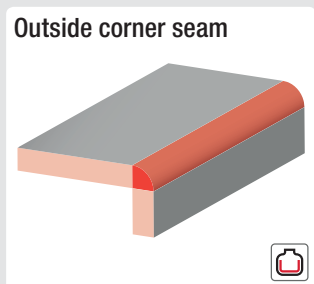
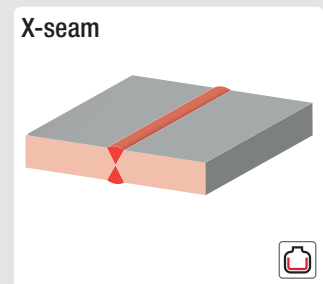
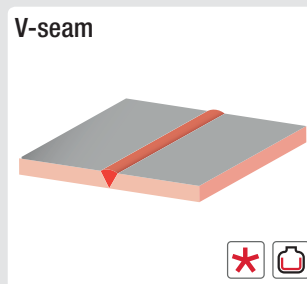
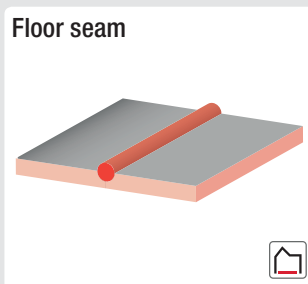
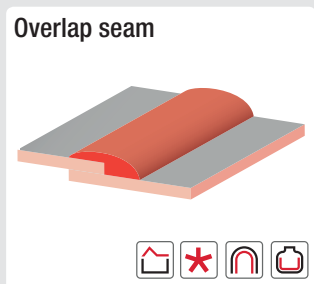
## Weld Types / Weld Geometries

### Welding without filler material

-  Special applications
-  Roofing
-  Technical Textiles
-  Civil Engineering / GEO
-  Plastic Fabrication
-  Flooring



### Welding with additional material



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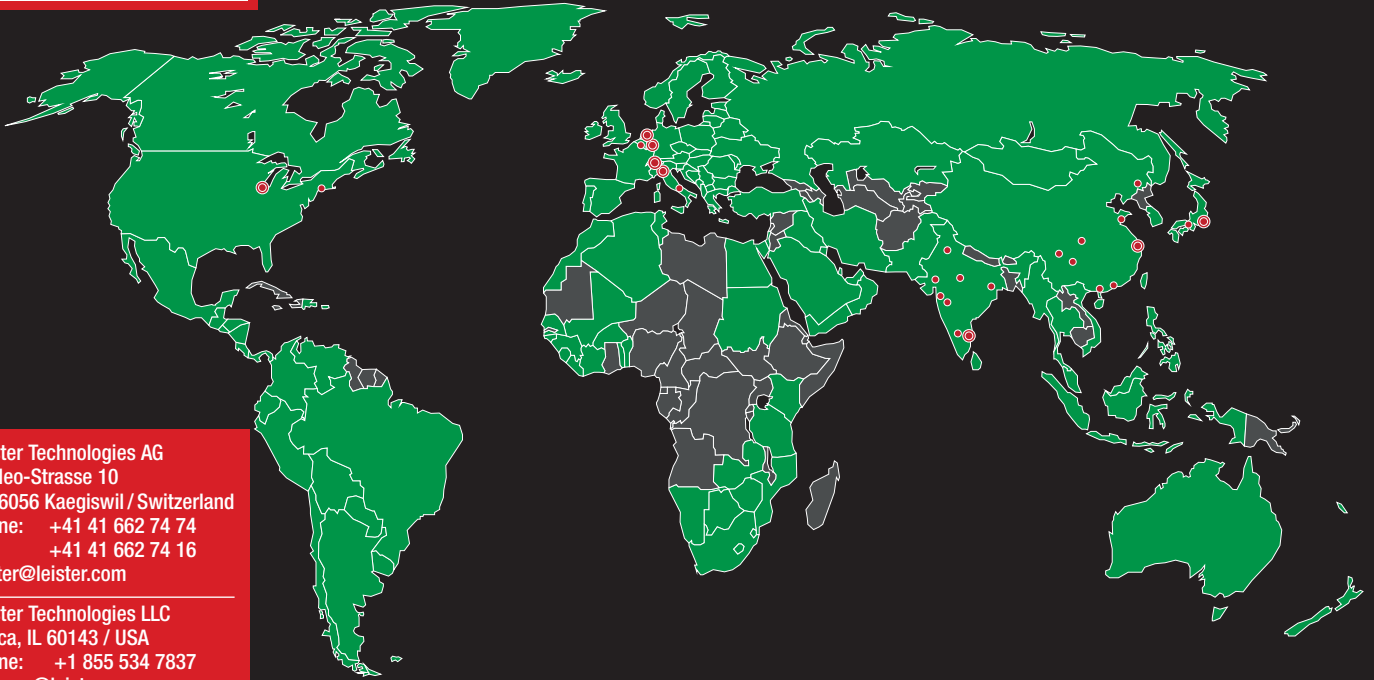
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