

LEISTER

PLASTIC WELDING

F. Jannone AG

Offizieller Vertriebspartner

Swiss
made ⁺



Hot-Air Hand Tools

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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 a tank detail.

Product overview Hot-air hand tools

									
Type	TRIAC ST	TRIAC AT	ELECTRON ST	HOT JET S	SOLANO AT	GHIBLI AW	GHIBLI	HOTWIND	FORTE S3
Voltage V~	230 / 120	230 / 120	230 / 120	230 / 120	230	120/ 230	120/ 230	230	3 × 230 / 3 × 400
Max. power W	1600	1600	2400 / 3400	460	2300	1800 / 2300	1500 / 2000	3700	10 000
Temperature °C	40 – 700	40 – 620	40 – 650	40 – 600	50 - 650	65 – 620	40 – 600	20 – 650	20 – 650
Size mm (L × W × H) Handle (⌀)	338 × 90 56	338 × 90 56	338 × 90 56	235 × 70 40	270 × 75 × 240 45	280 × 90 × 220 45	195 × 85 × 160 57	332 × 106 × 179	390 × 132 85
Weight kg (without cord)~	1.0	1.0	1.1	0.4	0.75	1.1	0.9	2.2	4.4
Integrated blower	✓	✓	✓	✓	✓	✓	✓	✓	✓
Digital display		✓			✓	✓		✓(SYSTEM)	
Conformity mark	CE	CE	CE	CE	CE	CE	CE	CE	CE
Approval mark									
Protection class									
Applications									
Outdoor use	✓	✓	✓	✓		✓			✓
Roofing 	✓	✓	✓	✓					
Billboards / Tarpaulins 	✓	✓		✓	✓				
Civil engineering / Tunneling / Landfills 	✓	✓	✓						
Plastic fabrication 	✓	✓		✓					
Flooring / Interior design 	✓	✓	✓	✓					
Shrinking 	✓	✓	✓	✓	✓	✓	✓	✓	✓
Special applications 					✓	✓	✓	✓	✓
Catalog page 	12 – 15	13 – 15	16 / 17	18 / 19	20 / 21	22 / 23	25	26	27

Product overview Hot-air hand tools and Blower

						
Type	AIRSTREAM ST	ROBUST	WELDING PEN R / S	DIODE PID / S	MINOR	LABOR S
Voltage V~	230	3 × 230 / 3 × 400	230	230	230	230
Max. power W	215	250	1000	1600 / 2000	100	800 / 900
Temperature °C			20 – 600	20 – 600		20 – 600
Size mm (L × W × H) Handle (Z)	600 × 250 × 362	255 × 221	270 × 43 32	265 × 57 40	250 × 95 64	180 × 54 32
Weight kg (without cord)~	24	8.0	1.0	1.15	1.15	0.15
Integrated blower	✓	✓			✓	
Digital display			✓ (R)	✓ (PID)		
Conformity Mark	CE	CE	CE	CE	CE	CE
Approval mark						
Protection Class	⊕	⊕	□	□	□	□
Applications						
Indoor use	✓	✓	✓	✓	✓	✓
Roofing 						
Billboards / Tarpaulins 						
Civil engineering / Tunneling / Landfills 						
Plastic fabrication 	✓	✓	✓	✓	✓	✓
Flooring / Interior design 						
Shrinking 	✓			✓		✓
Catalog page 	28 / 29	30	31	32 / 33	33	34


TRIAC ST: Design meets experience

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

Product advantage

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


Perfect weight: Weighing less than 1 kg, the TRIACST 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, TRIACST guarantees high welding power.



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, can easily 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 / 230
Frequency	Hz	50 / 60
Power	W	1600 / 1600
Temperature	°C	40 – 700
Air volume (20°C)	l/min	240 (500 at max. temp)
Dynamic pressure	Pa	3000
Ø Nozzle holder	mm	31.5
Emission	dB(A)	67
Size (L × Ø)	mm	338 × 90, handle Ø 56
Weight	kg	<1 (without power cord)
Conformity mark	CE	
Approval mark	Ⓢ Ⓜ	
Protection class II	□	
Article No.:		
141.308	TRIACST, 120 V / 1600 W for push-fit nozzles with UK-plug	
141.309	TRIACST, 230 V / 1600 W for push-fit nozzles with UK-plug	
141.311	TRIACST, 230 V / 1600 W for push-fit nozzles with CH plug	
141.227	TRIACST, 230 V / 1600 W for push-fit nozzles with Euro plug	
144.013	TRIACST, 230 V / 1600 W for screw-on nozzles with Euro plug	
153.891	TRIACST, 220 V / 1600 W for push-fit nozzles with KR-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 / 230
Frequency	Hz	50 / 60
Power	W	1600 / 1600
Temperature	°C	40 – 620
Air volume (20°C)	l/min	160 – 240 (500 at max. temp)
Dynamic pressure	Pa	1600 – 3000
Ø Nozzle holder	mm	31.5
Emission	dB(A)	67
Size (L × Ø)	mm	338 × 90, handle Ø 56
Weight	kg	1 (without power cord)
Conformity mark	CE	
Approval mark	Ⓢ Ⓜ	
Protection class II	□	
Article No.:		
141.319	TRIACAT, 120 V / 1600 W, with UK-plug	
141.320	TRIACAT, 230 V / 1600 W, with UK-plug	
141.314	TRIACAT, 230 V / 1600 W, with Euro-plug	
141.322	TRIACAT, 230 V / 1600 W, with CH-plug	
142.737	TRIACAT, 230 V / 1600 W for screw-on nozzles with Euro plug	
148.005	TRIACAT, 220 V / 1600 W, for push-fit nozzles with KR-plug	



Overlap welding

Accessories TRIAC ST / TRIAC AT

	107.123 Wide slot nozzle 20 mm, 15° angled 107.132 40 mm, 15° angled 107.133 40 mm, perforated 107.135 40 mm, PTFE-coated 107.129 60 mm for bitumen 107.131 80 mm for bitumen		107.124 20 mm angled nozzle, 70°, push-fit
	105.475 Wide slot nozzle 20 mm, straight 105.485 25 mm, straight 105.494 30 mm, 15° angled		105.431 3 mm speed weld nozzle, with small air-slide, push-fit on \varnothing 5 mm tubular nozzle
	105.487 Wide slot nozzle 20 mm, curved and angular, with clamping angle inwards		105.432 4 mm speed weld nozzle, with small air-slide, push-fit on \varnothing 5 mm tubular nozzle
	105.500 Wide slot nozzle 20 mm, 120° angled (right) 30° slanted forward openly		105.433 5 mm speed weld nozzle, with small air-slide, push-fit on \varnothing 5 mm tubular nozzle
	107.130 Wide slot nozzle 40 mm, 60° bent 107.125 20 mm angled nozzle, 60°, push-fit, for right hander 105.503 20 mm angled nozzle, 60°, push-fit		107.139 4.5 x 12 mm speed weld nozzle for fillet weld, push-fit on \varnothing 5 mm tubular nozzle 107.137 8 mm speed weld nozzle for tape welding, push-fit on \varnothing 5 mm tubular nozzle
	100.303 \varnothing 5 mm, tubular nozzle, push-fit 105.575 \varnothing 5 x 100 mm, tubular nozzle, push-fit 106.982 \varnothing 5 x 150 mm, extension nozzle, push-fit		Speed weld nozzle, push-fit on \varnothing 5 mm tubular nozzle 106.992 5.7 mm, profile A 106.993 7 mm, profile B
	105.576 tubular nozzle \varnothing 5 mm, 90° curved		106.989 \varnothing 3 mm 106.990 \varnothing 4 mm 106.991 \varnothing 5 mm
	106.996 Tacking nozzle, push-fit on \varnothing 5 mm tubular nozzle		156.470 Speed weld nozzle bend \varnothing 5 mm, push-fit on \varnothing 5 mm tubular nozzle



Mirror welding

More at the new accessories catalog at











www.leister.com/accessories



Draw welding



Shrinking

	105.622	Ø 5 mm, tubular nozzle, screw-on
	106.988	Tacking nozzle, screw-on
	126.552	Ø 4 mm drawing nozzle, screw-on for floor plastics
	113.666	Ø 3 mm drawing nozzle with tacking tip, screw-on
	113.399	Ø 4 mm drawing nozzle with tacking tip, screw-on
	113.876	Ø 3 mm drawing nozzle without tacking tip, screw-on
	113.874	Ø 4 mm drawing nozzle without tacking tip, screw-on
	113.670	Drawing nozzle triangular-shaped With tacking tip, screw-on 5.7 mm, profile A
	113.877	Without tacking tip, screw-on 5.7 mm, profile A
	106.986	Without tacking tip, screw-on 7 mm, profile B
	106.987	Without tacking tip 7 × 5.5 mm
	157.717	Protection nozzle 31.5 mm, air outlet 23 mm, protection ring 80 mm
	107.344	135 mm welding mirror, push-fit
	143.833	Nozzle adapter for screw-on nozzles
	143.332	Protection tube for screw-on nozzles (for TRIACST until april 2017)
	156.092	Protection tube for screw-on nozzles (for TRIACST from mai 2017)
	144.134	Protection tube for screw-on nozzles (for TRIAC AT)
	141.375	Connection adapter M14 for Ø 21 mm nozzle with plug

	107.324	12 × 10 mm sieve reflector, push-fit on Ø 8 mm tubular nozzle
	107.337	50 × 35 mm sieve reflector, push-fit
	107.338	35 × 20 mm sieve reflector, push-fit
	107.326	25 × 150 mm shell reflector, push-fit
	107.307	27 × 35 mm spoon reflector, push-fit
	107.339	17 × 34 mm soldering reflector, push-fit
	106.128	7.5 mm soldering reflector
	142.717	Heating element for TRIACST / TRIAC AT, 230 V / 1550 W
	142.718	TRIACST / TRIAC AT, 120 V / 1550 W

More at the new accessories catalog at

www.leister.com/accessories

General accessories

ELECTRONST: Strong, compact and handy

The new ELECTRONST 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 ELECTRONnozzles fit the new model.

Product advantages



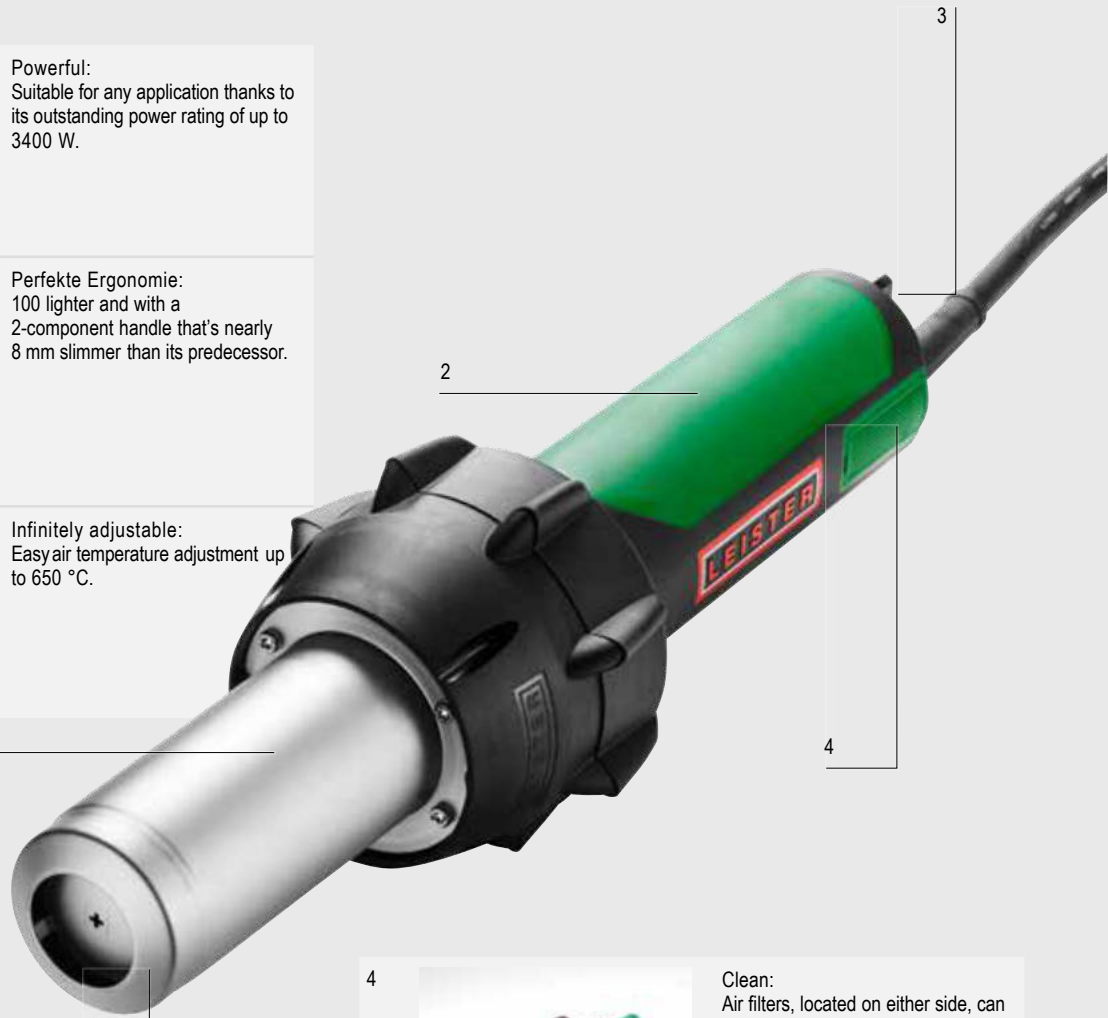
Powerful:
Suitable for any application thanks to its outstanding power rating of up to 3400 W.



Perfekte Ergonomie:
100 lighter and with a 2-component handle that's nearly 8 mm slimmer than its predecessor.



Infinitely adjustable:
Easy air temperature adjustment up to 650 °C.



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



Compatible:
All predecessor nozzles fit the ELECTRON ST.



Shrinking cable connections is just one of many applications for which the ELECTRONST 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 / 200 / 120
Frequency	Hz	50 / 60
Power	W	2300 / 3400 / 3000 / 2400
Temperature	°C	40 – 650
Air volume (20°C)	l/min	360 (700 at max. temp)
Dynamic pressure	Pa	3400
∅ Nozzle holder	mm	50
Emission	dB(A)	67
Size (L × ∅)	mm	338 × 90, handle ∅ 56
Weight	kg	1.1 (without power cord)
Conformity mark		CE
Approval mark		Ⓢ Ⓚ
Protection class II		□

Article No.

145.567	ELECTRONST, 230 V / 3400 W for push-fit nozzles with Euro plug
149.673	ELECTRONST, 230 V / 2300 W for push-fit nozzles with Euro plug
145.563	ELECTRONST, 120 V / 2400 W for push-fit nozzles with UK plug
145.568	ELECTRONST, 230 V / 3400 W for push-fit nozzles with UK plug
154.839	ELECTRONST, 220 V / 3400 W for push-fit nozzles with KR-plug

Accessories ELECTRONST

	107.258	Wide slot nozzle, push-fit 70 × 10 mm, for bitumen
	107.653	Wide slot nozzle 75 × 2 mm, push-fit
	151.068	Tool stand for ELECTRONST
	107.270	Wide slot nozzle 150 × 12 mm, push-fit
	107.229	Round nozzle 20 mm
	107.331	72 × 70 mm folding reflector, push-fit
	107.330	125 × 22 mm folding reflector, push-fit
	107.327	85 × 85 mm sieve reflector, push-fit
	107.333	130 × 150 mm sieve reflector, push-fit
	106.127	∅ 65 mm sieve reflector push-fit
	107.340	45 × 250 mm Shell reflector, push-fit
	107.346	270 mm welding mirror, push-fit
	142.281	Scraper nozzle
	107.134	Tape welding nozzle 40 mm
	160.842	Protection nozzle, air outlet 44 mm, protection ring 100 mm
	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

HOT JET S: Small and powerful

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



Especially suited 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 / 230
Frequency	Hz	50 / 60
Power	W	460 / 460
Temperature	°C	40 – 600
Air volume (20°C)	l/min	40 – 110 (200 at max. temp)
Pressure static	Pa	230 – 1600
Ø Nozzle holder	mm	21.3
Emission	dB(A)	59
Size (L × Ø)	mm	235 × 70, handle Ø 40
Weight	kg	0.4 (without power cord)
Conformity mark	CE	
Approval mark		
Protection class II		

Article No.:

100.648	HOTJETS, 230 V / 460 W, with Euro plug
100.862	HOTJETS, 120 V / 460 W, without plug
100.854	HOTJET S, 230 V / 460 W, with AUS plug
140.030	HOTJETS, 220V/ 460W for push-fit nozzles with KR-plug

Accessories HOT JET S

	107.141	15 mm wide slot nozzle, push-fit
	107.142	20 mm wide slot nozzle, push-fit
	105.549	10 × 2 mm wide slot nozzle
	107.144	Ø 5 mm tubular nozzle, push-fit
	105.567	Ø 5 × 150 mm extension nozzle, straight
	105.566	Ø 5 mm tubular nozzle, straight
	105.556	20 mm angled nozzle, 70° angled, push-fit
	106.996	Tacking nozzle, push-fit on Ø 5 mm tubular nozzle
	106.989	3 mm speed welding nozzle, push-fit on Ø 5 mm tubular nozzle
	106.990	4 mm speed welding nozzle, push-fit on Ø 5 mm tubular nozzle
	106.991	5 mm speed welding nozzle, push-fit on Ø 5 mm tubular nozzle
	156.470	Speed weld nozzle bend Ø 5 mm, push-fit on Ø 5 mm tubular nozzle
	106.992	5.7 mm, A profilee speed welding nozzle, push-fit
	106.993	7 mm, B profilee speed welding nozzle, push-fit
	105.431	3 mm speed welding nozzle, with small air-slide, push-fit on Ø 5 mm tubular nozzle
	105.432	4 mm speed welding nozzle, with small air-slide, push-fit on Ø 5 mm tubular nozzle
	105.433	5 mm speed welding nozzle, with small air-slide, push-fit on Ø 5 mm tubular nozzle

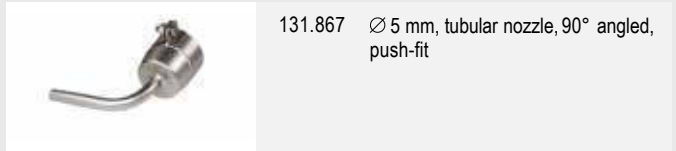


HOT JET S with angled nozzle welding a T-joint on the roof.



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

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



131.867 Ø 5 mm, tubular nozzle, 90° angled, push-fit

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



SOLANO AT: Light, quiet, durable

From our dialog with you, we know what you need. When we were developing the SOLANO AT, we focused on your requirements. This is why it is lighter, quieter and more durable than any other hot-air hand tool. Discover its unbeatable advantages – SOLANO AT.

Heat gun

SOLANO AT



1 Practical dust filter: Robust, fine-mesh and easy to clean dust filter (exchangeable).



2 Operating keys: 180° panorama soft-touch keypad for convenient operation.



3 Burn protection – A.B.D (anti-burn design): For a safe handling of the hot-air blower.



4 Ergonomic: Thanks to the handle's soft grip and its light weight, the SOLANOAT heat gun is comfortably held in the hand and enables effortless work.



Customizable temperature and air flow limit values



Customizable cooling function



Contactless device configuration via myLeister APP



Customizable direct start-up



Customizable power management





SOLANO AT – Difficult leather parts – safe and efficient processing

Heat gun

SOLANO AT



- Long-lasting: thanks to the brushless motor and sturdy LEISTER heating element
- Light and quiet: weighs 750 g and runs extremely smoothly at < 65 dB for efficient and effortless operation
- Economical: saves up to 40% energy in Eco mode
- Safe: due to its multi-level system to protect against overheating
- Simple: due to its intuitive operation
- Controlled: consistent performance due to the intelligent temperature controller
- Versatile: suitable for numerous applications in various industries

Technical data

Voltage	V~	100	120	230
Power	W	1500	1800	2300
Temperature	°C	50 – 650		
Air volume	l/min (20°C)	160 – 300 (550 at max. temp)		
Emission	dB (A)	< 65		
Dimensions L × W × H (∅ handle)	mm	270 × 75 × 240 (45)		
Weight	g	750		
Conformity mark		CE		
Approval mark		K		
Protection class II		□		

Article No.:

- 162.269 SOLANOAT 230 V / 2300 W with AUS plug, box (162.270 casing)
 - 162.271 SOLANOAT 220 V / 2100 W with KR plug, box (162.272 casing)
 - 162.273 SOLANOAT 120 V / 1800 W with US plug, box (162.274 casing)
 - 162.275 SOLANOAT 100 V / 1500 W with JP plug, box (162.276 casing)
- Scope of delivery: SOLANO AT, box / casing

Accessories SOLANO AT

	106.998	Wide slot nozzle 20 mm, push-fit
	106.999	Wide slot nozzle 40 mm, push-fit
	107.154	Tubular nozzle ∅ 5 mm, push-fit
	107.006	Extension nozzle ∅ 5 × 130 mm, straight
	107.308	Sieve reflector 50 × 35 mm
	107.309	Sieve reflector 35 × 20 mm
	107.313	Spoon reflector 25 × 30 mm, with screw connector
	107.314	25 × 30 mm spoon reflector, push-fit
	107.319	Sieve reflector ∅ 65 mm
	147.222	Heat protection device
	162.067	Heating element, 230 V / 2200 W
	162.068	Heating element, 120 V / 1700 W
	162.069	Heating element, 100 V / 1450 W

More at the new accessories catalog at

www.leister.com/accessories

General accessories

GHIBLI AW: Robust and ergonomic

The GHIBLI AW is the robust and ergonomic heat gun used for shrink 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 can easily be adjusted with the proven and intuitive "e-Drive" operating unit. The stand that is included in the scope of delivery and the

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 perfect device balance ensure an optimal grip and comfortable work, even under the harshest of conditions.



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~	230 / 120
Frequency	Hz	50 / 60
Power	W	2300 / 1800
Temperature	°C	65 – 620
Air volume (20°C)	l/min	230 – 330 (600 at max. temp)
Pressure static	Pa	1800 – 3200
Ø Nozzle holder	mm	36.5
Emission	dB(A)	67
Dimensions(L × W × H)	mm	280 × 90 × 220, Handle Ø 45
Weight	kg	1.1 (without power cord)
Conformity mark		CE
Approval mark		Ⓢ
Protection class II		□

Article No.:

- 148.061 GIBLI AW, 230 V / 2300 W, Europlug
- 150.168 GIBLI AW, 230 V / 2300 W, UKplug
- 150.169 GIBLI AW, 230 V / 2300 W, CHplug
- 150.170 GIBLI AW, 120 V / 1800 W, CEEplug
- 148.079 GIBLI AW, 100 V / 1500 W, JP plug

Scope of delivery: GIBLI AW, case, stand, quick guide

Accessories for GIBLI AW

	106.998	Wide slot nozzle 20 mm, push-fit
	106.999	Wide slot nozzle 40 mm, push-fit
	107.154	Tubular nozzle Ø 5 mm, push-fit
	107.006	Extension nozzle Ø 5 × 130 mm, straight
	107.308	Sievereflector 50 × 35 mm
	107.309	Sievereflector 35 × 20 mm
	107.313	Spoon reflector 25 × 30 mm, with screw connector
	107.314	25 × 30 mm spoon reflector, push-fit
	107.319	Sievereflector Ø 65 mm
	107.345	Welding mirror 135 mm, push-fit
	158.474	Protection nozzle, air outlet Ø 23 mm, protection ring Ø 80 mm
	107.007	Ø 37 mm Dehorning nozzle
	106.132	45 × 250 mm Shellreflector, push-fit
	145.582	Heating element, 230 V / 2200 W
	145.580	Heating element, 120 V / 1700 W

More at the new accessories catalog at

www.leister.com/accessories

General accessories



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 / 230
Frequency	Hz	50 / 60
Power	W	1500 / 2000
Temperature	°C	40 – 600
Air volume (20°C)	l/min	250 / 300 (500 at max. temp)
Ø Nozzle holder	mm	36.5
Emission	dB(A)	70
Size (L × W × H))	mm	195 × 85 × 160, Handle Ø 57
Weight	kg	0.9 (without power cord)
Conformity mark		CE
Approval mark		
Protection class II		□

Article No.:
 101.881 GHIBLI230 V / 2000 W with Euro plug
 101.887 GHIBLI120 V / 1500 W with US plug

Additional versions available upon request.

Accessories GHIBLI

	106.998	20 mm wide slot nozzle, push-fit
	106.999	40 mm wide slot nozzle
	107.154	Ø 5 mm tubular nozzle, push-fit
	107.006	Ø 5 × 130 mm extension nozzle, straight
	107.308	34 × 50 mm sieve reflector
	107.309	20 × 35 mm sieve reflector
	107.313	25 × 30 mm spoon reflector, with screw connector
	107.314	25 × 30 mm spoon reflector, push-fit
	107.319	Ø 65 mm sieve reflector
	158.474	Protection nozzle, air outlet Ø 23 mm, protection ring Ø 80 mm
	107.007	Ø 37 mm Dehorning nozzle
	107.345	135 mm welding mirror, push-fit
	106.132	150 × 25 mm Shell reflector, push-fit
	115.513	230 V/1800 W heating element
	101.850	120 V/1500 W heating element

More at the new accessories catalog at

www.leister.com/accessories

General accessories

HOTWIND: The new dimension

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



HOTWIND SYSTEM with wide slot nozzle integrated in a blow-off application.

Hot-air hand tool

HOTWIND PREMIUM / SYSTEM



HOTWIND SYSTEM

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

Technical data

Voltage	V~	230
Power	W	3700
Temperature	°C	650
Size (L × W × H)	mm	332 × 106 × 179
Weight	kg	2.2 (without power cord)
Conformity mark	CE	
Approval mark	S	
Protection class II	□	

Article No.:

142.609 HOTWINDPREMIUM, 230 V / 3700 W, with Euro plug
 142.645 HOTWINDSYSTEM, 230 V / 3700 W, with Euro plug

Additional versions available upon request

Accessories

HOTWIND PREMIUM / SYSTEM

		Wide slot nozzle, push-fit (a × b)
		107.260 85 × 15 mm 107.259 150 × 12 mm 105.977 200 × 9 mm 107.263 250 × 12 mm 107.262 300 × 4 mm 105.992 400 × 4 mm 105.991 500 × 4 mm
	125.317	Flange connector, push-fit a = 90 mm
	107.335	∅ 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	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 bulky goods.



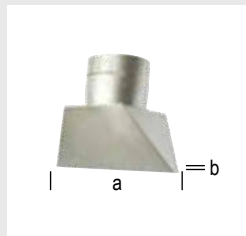
Flameless shrink-wrapping of pallets and bulky goods with the FORTE S3.

Hot-air hand tool

FORTE S3



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



	Wide slot nozzle, push-fit (a × b)
106.028	220 × 12 mm
107.272	300 × 12 mm
106.018	400 × 10 mm
106.024	500 × 7 mm
107.267	500 × 15 mm
106.023	600 × 4 mm
106.026	600 × 9 mm

Technical data

Voltage	V~	3 × 230	3 × 400
Power	kW	10	10
Temperature	°C	650	
Size (L × Ø)	mm	390 × 132, handle Ø 85	
Weight	kg	4.4 (without power cord)	
Conformity mark		CE	
Approval mark		S	
Protection class II		□	

Article No.:

102.027 FORTES3, 3 × 400 V / 10 kW with 16A CEEplug

Additional versions available upon request

AIRSTREAMST: The quiet and efficient air supply unit

With its plug & play functionality, all you need to do is plug in the AIRSTREAMST for a constant supply of clean, dry air – for welding constructions with the highest cleanliness requirements. Also ideal for use in quiet environments. Need to work with two hand tools in parallel? No problem thanks to the simultaneous power and air supply. The unit includes a hand tool stand, fits into every work bench, and is fitted with castors for easy mobility. A highly practical solution!



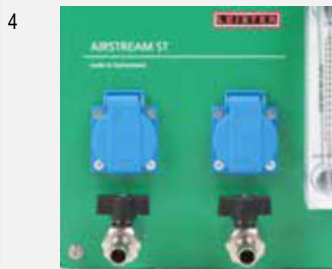
1 Dual operation:
The two tool connections enable parallel operation of two tools or offer the added flexibility of having a second hand tool ready for a subsequent work step.



2 The quick-change artist:
It is easy to integrate into the existing environment thanks to its cubic design, and can also be fitted with additional castors for easy mobility. The practical cover can be used as a tool stand. The AIRSTREAMST can be turned around to fit perfectly into any work bench.



3 Quality is measurable:
If you know what you want, you need to be able to set the air volume using the air volume measuring device. The volume flow is crucial for the input of energy and has a direct influence on the quality of the weld.



4 Logic for a longer service life:
When the unit is switched on, the hand tools are always supplied with air and power at the same time. In case of reaching the daily target or a significant pause in production, the AIRSTREAMST prevents the connected tools from overheating by employing its integrated cool-down mode.





AIRSTREAMST, the quiet air supply unit.

Blower

AIRSTREAM ST



- Quiet operating mode
- Cool-Down-Mode
- Low energy consumption
- Two hand tools can be connected
- Compatible mit WELDING PEN, DIODE and LABOR
- Flow meter
- Brushless technology

Technical Data

Voltage	V~	230
Power	W	215
Frequency	Hz	50
Air volume	L/min	200 (Total)
Emission	L _{pA} (dB)	< 48 (with 3 m hose)
Size(L x B x H)	mm	600 x 250 x 362 (with handle)
Weight	kg	24
Conformity mark	CE	
Protection class I	⊕	

Scope of delivery:

Air supply unit, hose transition pieces, clips, quick guide

Article-No.:

158.822 AIRSTREAMST, 230 V/215 W, EU-plug

Accessories AIRSTREAM ST

	159.535 Roller 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 60 °C. Despite its small size, the ROBUST is a real powerhouse. This blower can simultaneously supply air for up to three hot-air hand tools.



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

Blower

ROBUST



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

Technische Daten

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

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
3 m cord / Euro plug	Article No.:		103.432	

Accessories ROBUST

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

WELDING PEN: Slim and flexible

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



WELDINGPEN 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 or compressed air

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

Article No.:

114.275	WELDINGPENS, 120 V / 600 W, with UK-plug, 2.5 m hose
114.380	WELDINGPENR, 230 V / 1000 W, with Euro plug, 2.5 m hose
113.081	WELDINGPENS, 230 V / 1000 W, with Euro plug, 2.5 m hose
114.926	WELDINGPENR, 230 V / 1000 W, with Euro plug, 6 m hose
114.274	WELDINGPENS, 230 V / 1000 W, with Euro plug, 6 m hose
114.927	WELDINGPENR, 230 V / 1000 W, with Euro plug, 9 m hose
114.273	WELDINGPENS, 230 V / 1000 W, with Euro plug, 9 m hose

Accessories WELDINGPENR / S

	105.622	Ø 5 mm tubular nozzle, 15° screw-on
	106.988	Tacking nozzle, screw-on
	113.666	Ø 3 mm round drawing nozzle with tacking tip, screw-on
	113.399	Ø 4 mm round drawing nozzle, with tacking tip, screw-on
	113.876	Ø 3 mm round drawing nozzle without tacking tip, screw-on
	113.874	Ø 4 mm round drawing nozzle, without tacking tip, screw-on
	113.670	Triangular drawing nozzle with tacking tip, screw-on, 5.7 mm, profile A
	113.877	without tacking tip, screw-on 5.7 mm, profile A
	106.986	without tacking tip, screw-on 7 mm, profile B
	106.987	without tacking tip, screw-on 7 × 5.5 mm
	126.552	Ø 4 mm drawing nozzle, screw-on for floor plastics
	127.726	Angular adapter for screw-on nozzles, screw-on 30°
	127.727	45°
	141.375	Connection adapter M14 for Ø 21.3 mm nozzle with plug
	113.412	230 V / 1000 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

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 DIODES easily puts you in control with a manual temperature knob.



Convenient wire welding using the powerful and lightweight DIODE PID.

External air hand tool

DIODE PID / DIODE S



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

Technical data

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

Article No.:

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

Additional versions available upon request

Hand tool and blower

DIODE PID / DIODE S with MINOR



- MINOR blower and DIODEPID with screw-on drawing nozzle.
- Ideal for assembly work

Technical data

Voltage	V~	120 / 230
Power	W	1600
Temperature	°C	20 – 600
Size (L × Ø)	mm	265 × 57, handle Ø 40
Weight	kg	2.5 kg (with 3 m cord / 1.5 m air hose)
Conformity mark	CE	
Protection class II	□	

Article No.:

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

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

	100.303	Ø 5 mm tubular nozzle, for versions with nozzles, push-fit
	106.992	Speed welding nozzle, push-fit on Ø 5 mm tubular nozzle 5.7 mm, profile A
	106.993	7 mm, profile B
	106.989	3 mm
	106.990	4 mm
	106.991	5 mm
	156.470	5 mm bent
	106.996	Tacking nozzle, push-fit on Ø 5 mm tubular nozzle
	143.833	Nozzle adapter for screw-on nozzles
	100.296	Heating element DIODEPID, 230 V/1550 W
	100.650	Heating element DIODEPID, 120 V/1600 W
	100.689	Heating element DIODES, 230 V/ 1550 W
	100.702	Heating element DIODES, 120 V/ 1600 W

With screw-on nozzle

	105.622	Ø 5 mm tubular nozzle, screw-on
	106.988	Tacking nozzle, screw-on
	113.666	Ø 3 mm round drawing nozzle with tacking tip, screw-on
	113.399	Ø 4 mm round drawing nozzle, with tacking tip, screw-on
	113.876	Ø 3 mm round drawing nozzle without tacking tip, screw-on
	113.874	Ø 4 mm round drawing nozzle, without tacking tip, screw-on
	113.670	Triangular drawing nozzle, with tacking tip, screw-on, 5.7 mm
	113.877	Without tacking tip, screw-on 5.7 mm, profile A
	106.986	Without tacking tip, screw-on 7 mm, profile B
	106.987	7 x 5.5 mm
	126.552	4 mm drawing nozzle, screw-on, for fluoroplastics
	141.375	Connection adapter M14 for Ø 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~	230
Power	W	100
Air volume (20°C)	l/min	400
Pressure static	Pa	4000 (40 mbar)
Air outlet (external)	mm	14.5
Size (L x Ø)	mm	250 x 95, handle Ø 64
Weight	kg	1.15 (with 3 m cord)
Conformity mark	CE	
Protection class II	□	

Article No.:

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

Additional versions available upon request

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, MINOR (p. 33) or with compressed air
- Ideal for mobile use when coupled with MINOR blower

Technical data

Voltage	V~	230
Power	W	800 / 900
Temperature	°C	20 – 600
Size (L × Ø)	mm	180, handle Ø 32
Weight	kg	0.15 (without air hose and without cord)
Conformity mark	CE	
Approval mark		
Protection class II	□	

Article No.:

- 101.716 LABOR S with connection box, 230 V / 800 W with Euro plug, air hose 3 m
 - 101.754 LABOR with MINOR blower, 230 V / 900 W with Euro plug, air hose 1.5 m
- Additional versions available upon request

Accessories LABOR S

	107.144	Ø 5 mm tubular nozzle, push-fit
 A B	106.992	Speed weld nozzle, push-fit on Ø 5 mm tubular nozzle
	106.993	5.7 mm, profilee A
	106.989	7 mm, profilee B
	106.990	3 mm
	106.991	4 mm
	156.470	5 mm
	106.996	5mm bent
	106.996	Tacking nozzle, push-fit on Ø 5 mm tubular nozzle
	143.831	Nozzle adapter for screw-on nozzles
	107.146	Ø 2 mm soldering nozzle
	107.151	Ø 4 mm soldering nozzle
	107.148	Ø 3 × 1.5 mm soldering nozzle, oval
	105.622	Ø 5 mm tubular nozzle, screw-on
	106.988	Tacking nozzle, screw-on
 D	113.666	Ø 3 mm round drawing nozzle with tacking tip, screw-on
	113.399	Ø 4 mm round drawing nozzle, with tacking tip, screw-on
	113.876	Ø 3 mm round drawing nozzle without tacking tip, screw-on
	113.874	Ø 4 mm round drawing nozzle, without tacking tip, screw-on
 A B	113.670	Triangular drawing nozzle, with tacking tip, screw-on, 5.7 mm
	113.877	Without tacking tip, screw-on 5.7 mm, profile A
	106.986	Without tacking tip, screw-on 7 mm, profile B
	106.987	7 × 5.5 mm
	126.552	4 mm drawing nozzle, screw-on, for fluor plastics
	101.581	230 V / 800 W heating element

More at the new accessories catalog at

www.leister.com/accessories

General accessories





Simple reworking of welding seams with the Leister trimming knife.

Hot-air hand tools

General accessories

	106.974	80 mm silicone pressure roller		160.015	Cable extension cord 15 m, with CEE 400V plug
	140.160	40 mm silicone pressure roller with ball bearings (silicone)		159.239	Cable extension cord 15 m, with EU plug 230V
	140.599	Spare roll for 140.160		106.997	Ø 6 mm rotary burr for drilling machine, for car repairs
	140.161	Pressure roller 28 mm, with ball bearings (silicone)		116.798	Brass brush
	140.598	Spare roll for 140.161		142.647	Brass brush Ø 3 mm
	106.976	28 mm pressure roller (PTFE)		107.348	Tool rest for TRIAC AT, TRIAC ST, ELECTRON ST, HOT JET S, LABOR S
	106.972	Brass pressure roller with ball bearings		137.855	Leister cutter with five spare blades
	117.000	Trimming knife with 0.6 mm spacer for vinyl and linoleum with 5 spare blades included		138.902	Hooked blade for LEISTER-cutter (10 dispenser with 10 pcs=100 pcs)
	117.005	5 spare blades		138.539	Straight-edge blade for LEISTER-cutter (10 dispenser with 10 pcs = 100 pcs)
	117.007	1 universal spacer 0.6 mm		151.382	Inside corner tool
	138.314	Seam probe tester for overlap seams		153.009	Plastfix
	151.188	Chamfer planer for T-joints for sealing sheets		154.259	Scrapper blade
	152.676	Weld seam template		154.026	Contour scraper
	157.544	Leister Universal scissors 260 mm with special shaft grinding		116.586	Storage case for TRIAC AT, TRIAC ST, ELECTRON ST
	160.353	Cable cord roller 25 m, with 1 x CEE 400V and 2 x EU socket 230V			
	161.152	Cable cord roller 25 m, with 1 x CEE 400 V and 2 x T23 CH socket 230 V			
	161.207	Cable cord roller 25 m, with 1 x CEE 400 V and 2 x Typ E with ground pin socket 230 V			
	164.048	Cable cord roller 45 m, 4 x 230 V, EU socket			

More at the new accessories catalog at

www.leister.com/accessories



Welding rods

Article	Profile	Colour	kg
Welding accessories PE			
104.283	A	Black	3
104.294	A	White	3
104.284	B	Black	5
104.299	B	White	5
106.650	C	White	1
104.300	A	Black	3
161.612	D	Black	2
116.918	D	Light Green	2
Welding accessories PP			
104.287	A	Light Green	3
104.301	A	Black	3
106.642	A	Light Green	3
104.288	B	Light Green	5
126.356	C	White	2
161.611	D	Light Green	2
Welding accessories PVC			
104.296	A	White	3
104.278	A	Grey	3
106.641	A	Brown	3
104.280	B	Brown	5
104.279	B	Grey	5
109.925	D	Grey	4
104.302	A	White	3
Welding accessories ABS			
104.295	A	White	3
113.587	A	Black	3
107.027	C	White	1

Article	Profile	Colour	kg
Welding accessories div.			
104.297	A	Black	3
104.298	A	White	3
104.313	A	Black	3
104.308	A	Black	3
106.654	C	Grey	2
104.304	A	White	3
104.303	A	White	3
112.185	A	White	3
Test bundles			
107.036	A	Test bundle bodywork welding rods, each consisting of profile A pieces of 37 cm single marked 6× HDPE, 6× PP, 6× PA, 6× PC, 6× ABS, 6× PCABS/ APLHA Honda, 6× PC/ PBTP/ Xenoy	
107.037	A	Test bundles standard each consisting of profile A pieces of 37 cm single marked 5× PVC-U, 5× PVC-P, 5× PP, 5× ABS, 5× HDPE, 3× PC, 3× PA, 3× POM, 3× LDPE, 3× PC/ ABS/ ALPHA Honda, 3× PC/ PBTP/ Xenoy	
107.040	C	Test bundle welding band each consisting of profile C pieces of 37 cm single marked 9× HDPE, 8× 2 mm white, 9× PP, 8× 2 mm natural, 9× ABS, 8× 2 mm white, 9× PC/ PBTP/ Xenoy grey	

Profile sizes

Profile A	Profile B	Profile C	Profile D

Dimensions in mm