

LEISTER

PLASTIC WELDING

Industrial Fabrics

Swiss
made



New, innovative welding technology
SEAMTEK W-900 AT

SEAMTEK W-900 AT: Innovative welding technology for ultimate efficiency

The new SEAMTEK W-900 AT is the first machine worldwide with this new and innovative low voltage wedge technology. Based on the proven SEAMTEK 900 AT with intuitive user interface, this machine will change your welding experience. Weld the best possible, highest quality seams. Meet the world champion in efficiency. Up to 10x less energy consumption than comparable machines during the welding process.

Hot-air welding machine

SEAMTEK W-900 AT

NEW!



Safe and simple to use

- Slow down the speed for difficult product sections
- Once disengaged (or in stand-by mode), the wedge cools immediately and reduces any risk of burning

Ready in a few seconds

- Ready in a few seconds after turning on the main switch
- Wedge heats up instantaneously

Energy efficient

- Nearly no energy consumption while in stand-by mode
- Up to 10 times less energy consumption than comparable machines during the welding process
- Affordable replacement wedges: less than 25 dollars

Innovation

- Changeable speed during welding process like a sewing machine
- Temperature input via energy density is still the same for the full speed range
- Quiet operation

Great seam results

- Get flat and precise seams, even when welding curves
- Weld sensitive materials easily without waves and wrinkles



Technical data		
Voltage	V~	230/240
Power	W	3900
Temperature (stepless)	°F	0 – 1256
Speed	ft/min	0 – 98
Size (L × W × H)	inches	67 × 28 × 59
Weight	lbs	525
Welding seam width	inches	0.3–2.5

Article No.:

159.159	SEAMTEK W-900 AT
155.777	Quick arm
155.888	Tape Delivery System (TDS)

<https://www.youtube.com/watch?v=-1FeA6VCsg7k>

SEAMTEK 900 AT: Maximum flexibility for your specific application

The intelligent construction of the SEAMTEK 900 AT makes practically any welding application possible. Thanks to the well-thought-out multi-arm system, the machine can be set to a specific configuration for your application in record time. The huge variety of drive wheels, nozzles and guides guarantees maximum flexibility. The intuitive operation of the user interface takes place entirely via touchscreen and permits simple adjustment of the regulated parameters.

Hot-air welding machine

SEAMTEK 900 AT

1		<p>Intuitive</p> <ul style="list-style-type: none"> • All parameters can be modified via touchscreen • Complete regulation of all parameters
2		<p>Application-friendly</p> <ul style="list-style-type: none"> • Tool-free nozzle adjustment • Rapid wheel replacement
3		<p>Pedestal</p> <ul style="list-style-type: none"> • Overlap welding • Hem and piping welding • 3D / Inflatable welding • Tape welding
4		<p>Quick arm</p> <ul style="list-style-type: none"> • Endless welding of pipes and hoses • Overlap welding
5		<p>Side arm</p> <ul style="list-style-type: none"> • Circumference welding • Tape welding • Sealing of end caps
6		<p>Tape Delivery System</p> <ul style="list-style-type: none"> • Application of seam sealing tape • Welding of reinforcement tape • Welding of hot melt adhesive tape



Technical data		
Voltage	V~	230/240
Power	W	4500
Temperature (stepless)	°F	248 – 1292
Speed	ft/min	0.3 – 98
Size (L × W × H)	inches	59 × 28 × 59
Weight	lbs	524 base 590 fully loaded
Required air pressure	psi	90
Welding seam width	inches	0.3–2.5

Article No.:	
155.555	SEAMTEK 900 AT Base version with pedestal, (2) 25 mm steel pressure rollers, standard 25 mm nozzle
155.777	Quick arm
155.666	Side arm
155.888	Tape Delivery System (TDS)

UNIPLAN 300 / 500: Automatic, practical and safe

Whether you are welding truck tarps, tents or banners, the UNIPLAN 300 and 500 automatic welders are the ideal choices. Integrated material lifting and single motion engagement of the nozzle make the work easier for you and increases reliability. Thanks to the adjustable swivel wheel, it is easy to get around obstacles like grommets, hooks, or other accessories. Automatic, practical, safe – UNIPLAN 300 / UNIPLAN 500.

Hot-air welder

UNIPLAN 300 / 500



<https://www.youtube.com/watch?v=rKcbK7ZIH54>

- Low-maintenance, brushless motor
- Hot-air blower for higher welding capacity of 18,000 rpm
- Display for setting and saving the welding parameters

Technical data

Voltage	V~	120	230
Frequency	Hz	50 / 60	
Power	W	1800	3450
Temperature, stepless	°F	212 – 1148	
Drive, stepless	ft/min	3.3 – 52.5	
Nozzle width	inch	0.8 / 1.2 / 1.6	
Blower speed	rpm	18,000	
Blower motor		brushless (low-maintenance)	
EMission level	LpA (dB)	70 (K = 3 dB)	
Size (L x W x H)	inch	19.7 x 12.2 x 11.8	
Weight (without cable)	lbs	35	
Conformity marking		CE	
Protection class II		□	

Article No.:

- 164.560 UNIPLAN 500, 120 V, 1.6 inch (40 mm), with US plug
- 164.561 UNIPLAN 500, 120 V, 1.2 inch (30 mm), with US plug
- 164.562 UNIPLAN 500, 120 V, 0.8 inch (20 mm), with US plug
- 164.557 UNIPLAN 300, 120 V, 1.6 inch (40 mm), with US plug
- 164.558 UNIPLAN 300, 120 V, 1.2 inch (30 mm), with US plug
- 164.559 UNIPLAN 300, 120 V, 0.8 inch (20 mm), with US plug

Included with UNIPLAN 500: Automatic welder, overlap guide, hem guide, material lifting device, 2 weights (1.25 kg each), weight holder base, weight holder extension, brass brush, short handle, nozzle adjustment gauge, quick guide, transportation box

Accessories UNIPLAN 300 / 500

	165.083 Pressure roller kit 0.8 inch (20 mm)
	165.403 Pressure roller kit 1.2 inch (30 mm)
	165.082 Pressure roller kit 1.6 inch (40 mm)
	164.315 Nozzle 0.8 inch (20 mm)
	164.314 Nozzle 1.2 inch (30 mm)
	160.421 Nozzle 1.6 inch (40 mm)
	166.187 Hem guide
	159.000 Long handle
	165.562 Short handle



Users can change from overlap welding to hem or pipe welding in one, easy step



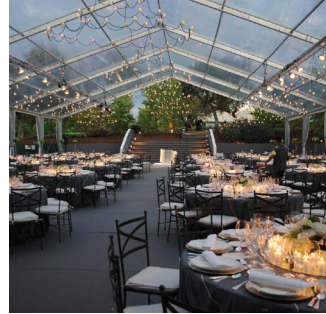
Single motion nozzle engagement and an integrated material lifting device, enabling simple and reliable welds



Inflatables



Tents, tarps & curtains / covers



Fabric structures



Banners / billboards

Hot-air welding machine

HEMTEK ST



With welding speeds up to 39 feet per minute and an affordable price point; All companies—big and small—can offer their customers high-quality, heat welded hems.

- Welding speeds of up to 39 feet per minute
- Very strong blower motor
- Tool-free setting of the hem guide
- One hem guide, three applications: Hems: 0.8/1.2/1.6"; Pole pockets: up to 4"; Hems with rope
- Easy-to-use

Technical data

Voltage	V~	120
Power	W	1800
Temperature (stepless)	°F	212 – 1202
Air flow range	%	45 – 100
Speed	ft/min	0.3 – 40
Size (L × W × H)	inches	17 × 13.7 × 23.6
Weight	lbs	55 (including table mount)
Noise emission	L _{pA} (dB)	70 (K = 3 dB)
Welding seam width	inches	0.8/1.2/1.6

Article No.:

- 157.871 HEMTEK ST, 120V/1800W, 0.8 inch, US-plug
- 157.870 HEMTEK ST, 120V/1800W, 1.2 inches, US-plug
- 157.869 HEMTEK ST, 120V/1800W, 1.6 inches, US-plug

Hot-air welder

VARIANT T1 Overlap



By using Leister's VARIANT T1 Overlap—our fastest automatic welder—your project can be welded quickly and meet tight project deadlines. Weld up to 59 feet per minute.

- Top welding speed up to 59 ft/min
- Perfect view into the weld seam
- Sturdy and durable for professional use
- Smooth lifting device for precise positioning
- Simple operation due to "e-Drive" operating concept

Technical data

Voltage	V~	230
Power	W	3680
Temperature	°F	212 – 1148
Speed	ft/min	4.9 – 59
Air flow range	%	40 – 100
Welding seam width	inches	1 or 1.5
Size (L × W × H)	inches	28 × 16 × 10
Weight	lbs	50 (without 5 ft. cord)
Conformity mark	CE	
Protection class I	⊕	

Article No.:

- 141.891 VARIANT T1, 230 V/ 3680 W, 1.6" (40 mm) nozzle, with Euro plug
- 141.892 VARIANT T1, 230 V/ 3680 W, 0.8" (20 mm) nozzle, with Euro plug

“We have three Leister welders to weld vinyl and other substrates. They are great products!”

**VINCE CROGHAN
COMMERCE COLOR**



SOLANO AT: Light, quiet, durable.



TRIAC: Robust and intelligent.

Hot-air tape welder

VARIANT T1 TAPE



The VARIANT T1 Tape is the fastest, most precise automatic tape welding tool for the welding of reinforcement and anti-vandalism tape in truck tarpaulin production.

- Fastest, most precise automatic tape welder (up to 59 ft/min)
- “E-Drive” operating unit
- Easy to use
- Taut tape guidance
- Kits for converting VARIANT T1 Overlap to 1” or 2” TAPE

Technical Data





Voltage	V~	230
Power	W	3680
Temperature	°F	212 – 1148
Air flow range	%	50 – 100
Speed	ft/min	5 – 59
Welding seam width	inches (mm)	2.0 or 1.0 (25 or 50)
Size (L × W × H)	inches	28 x 16 x 10
Weight	lbs	62 (with 5 ft cord)
Conformity mark		CE
Approval mark		UL
Protection class I		⊕

Article No.:

- 148.963 VARIANT T1 TAPE 1” (25 mm), 230 V / 3680 W, with Euro plug
- 148.964 VARIANT T1 TAPE 2” (50 mm), 230 V / 3680 W, with Euro plug

Hot-air hand tools

SOLANO AT / TRIAC / HOT JET S

				
Type	SOLANO AT	TRIAC ST	TRIAC AT	HOT JET S
Voltage V~	120	120	120	120
Max. power W	1800	1600	1600	460
Temperature °F	122- 1202	104 – 1292	113 – 1148	68 – 1112
Size inch (L × Ø)	11 × 9 × 3	13.3 × 3.5	13 × 3.5	9.2 × 2.7
Handle (Ø)	1.8	2.2	2.2	1.6
Weight lbs	1.7	2.18	2.2	0.9
Conformity	CE			
Approval mark	UL	UL	UL	
Article no.:	162.273	141.228	141.316	100.859

Leister’s line of hot-air tools (SOLANO AT, TRIAC and HOT JET S) include robust and lightweight, versatile tools boasting ergonomic designs.

- Electronic heating element protection
- Ergonomic handling
- Robust and reliable



U.S. Headquarters

Leister Technologies LLC
1275 Hamilton Parkway
Itasca, IL 60143

Inquiries

Toll-Free: +1 855-LEISTER
Email: info.usa@leister.com

Leister is a registered trademark of Leister Technologies. ©2020 Leister Technologies AG. All rights reserved.