





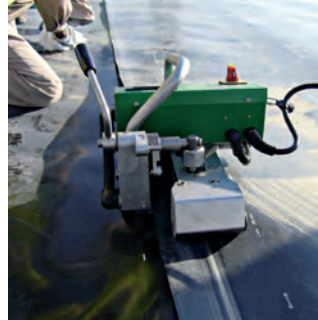
Civil Engineering / Tunneling / Landfill

ASTRO / ASTRO USB	58
COMET / COMET USB	60
TWINNY T / TWINNY T USB	62
TWINNY S	63
Overview welding procedures	64
WELDPLAST S6	65
WELDPLAST S4	66
WELDPLAST S2 / S2 TPO	67
FUSION 3	68
FUSION 3C	69
EXAMO USB / Tensiometer	70





Transport box for perfect protection.



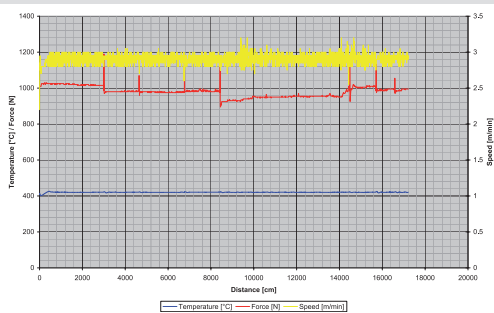
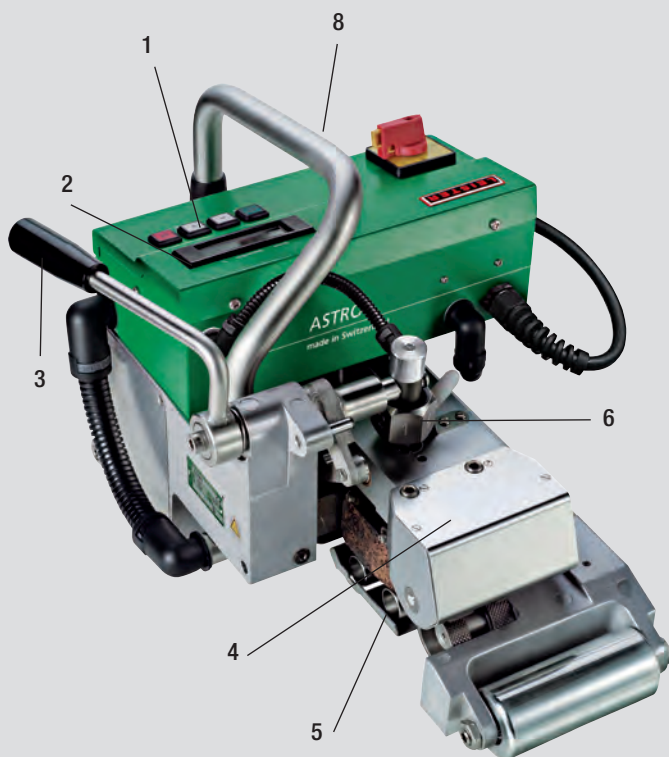
Fast and perfect!



Special version for concrete protective liners.

Hot-wedge welding machine

ASTRO USB



Graphical evaluation of a weld seam (Length: 170 m)

1		Simple operation All functions can be accessed and controlled by just a few buttons.
2		Display Allows to control and monitor all the parameters at any given moment!
3		One-handle operation Simultaneous operation of clamping lever and hot wedge.
4		Pendulum head Perfect pressure distribution of both welding tracks.
5		Hot wedge Sufficient capacity reserve and optimal welding speed due to high capacity cartridge type heaters.
6		Pressure sensor Precise pressure sensor for optimal process control.
7		Acoustic alarm Safe workspace with limit value monitoring.
8		USB Memory System With the data recording of all 1400 welding parameters, reporting becomes mere child's play.
9		Handy transport box Convenient transport – perfect protection.



Hot-wedge welding machine

ASTRO

This powerhouse welds up to 5 meters per minute all over the world. Its robust design and easy handling make it the perfect work animal.

- High welding capacity
- Digital display of temperature, velocity and mains voltage
- Stepless adjustment of welding pressure
- Closed loop control of temperature and drive

Hot-wedge welding machine

ASTRO USB

The new welding machine complying with DVS 2225-4 not only convinces with its welding power but also with its USB-memory system designed for use on construction site.

- Digital display of pressure
- Acoustic alarm if limit value is exceeded
- Complete record of all relevant welding parameters
- USB-Memory-System

Technical Data

Voltage	V~	230
Power	W	1800
Frequency	Hz	50 / 60
Temperature	°C	20 – 420
Velocity	m/min	0.8 – 5.0
Welding pressure	N	100 – 1500
Weld seam width	mm	2 x 15
Material thickness	mm	1.5 – 3.0
Size (L x B x H)	mm	430 x 270 x 310
Weight	kg	23.0 (with 3 m cable)
Marking of conformity		CE
Approval mark		Ⓢ
Certification scheme		CCA
Protection class I		Ⓢ

Article No.

117.100 ASTRO 230V/1800W, roller 50 mm, with test channel, overlap 42 mm, with Euro-plug

Technical Data

Voltage	V~	230
Power	W	1800
Frequency	Hz	50 / 60
Temperature	°C	20 – 420
Velocity	m/min	0.8 – 5.0
Welding pressure	N	100 – 1500
Weld seam width	mm	2 x 15
Material thickness	mm	1.5 – 3.0
Size (L x B x H)	mm	430 x 270 x 310
Weight	kg	23.0 (with 3 m cable)
Marking of conformity		CE
Approval mark		Ⓢ
Certification scheme		CCA
Protection class I		Ⓢ

Article No.

141.126 ASTRO USB 230V/1800W, Roller 50 mm, with test channel, with Euro-plug



Hot-wedge welding machine

COMET

Every day, the compact welding machine is on heavy duty all over the world. The small powerhouse is specially designed for the demands of landfill sites, mines of tunnels.

- Light and compact
- Digital display of temperature and velocity
- Closed loop control of temperature and drive
- Easy and user friendly

Hot-wedge welding machine

COMET USB

The compact hot wedge welding machine records all relevant welding parameters. Documentation made simple. With the USB memory system designed for use on construction sites data transfer is mere child's play.

- Digital display of welding pressure
- Complete record of all relevant welding parameters.
- USB-memory-system designed for use on construction sites
- Convenient data transfer

Technical Data

Voltage	V~	230 / 120
Power	W	1500 / 1200
Frequency	Hz	50 / 60
Temperature	°C	20 – 420
Velocity	m/min	0.8 – 3.2
Welding pressure	N	100 – 1000
Weld seam width	mm	2 x 15, with test channel
Material thickness	mm	0.5 – 3
Size (L x B x H)	mm	295 x 250 x 245
Weight	kg	7.5 (with 3 m cable)
Marking of conformity		CE
Approval mark		Ⓢ
Protection class I		Ⓛ

Article No.

107.538	COMET with wedge 70 mm for PE, 230 V / 1500 W, Roller 50 mm, with test channel, with Euro plug
107.547	COMET with wedge 50 mm for PE, 230 V / 1200 W, Roller 50 mm, with test channel, with Euro plug
107.558	COMET with wedge 50 mm for PVC, 230 V / 1200 W, Roller 50 mm, with test channel, with Euro plug
107.539	Comet with wedge 70mm for PE, 120V/1500W, roller 50mm, with test channel, with yellow UK-plug
107.553	Comet with wedge 50mm for PE, 120V/1200W, roller 50mm, with test channel, with yellow UK-plug

More versions on request

Technical Data

Voltage	V~	230
Power	W	1500 / 1200
Frequency	Hz	50 / 60
Temperature	°C	20 – 420
Velocity	m/min	0.8 – 3.2
Welding pressure	N	100 – 1000
Weld seam width	mm	2 x 15, with test channel
Material thickness	mm	0.5 – 3
Size (L x B x H)	mm	295 x 250 x 245
Weight	kg	7.5 (with 3 m cable)
Marking of conformity		CE
Approval mark		Ⓢ
Protection class I		Ⓛ

Article No.

137.626	COMET USB with wedge 50 mm for PE, 230 V / 1200 W, Roller 50 mm, with test channel, with Euro plug
138.088	COMET USB with wedge 70 mm for PE, 230 V / 1500 W, Roller 50 mm, with test channel, with Euro plug



Comet operating in the tunnel

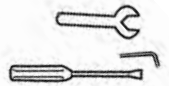



... or on a landfill site



Leister case for perfect protection.

Accessories COMET / COMET USB

112.974		Cross handle extremely light, material: aluminum
129.224		Guide-bar, complete
110.715		Tool set consist of hexagon spanner 8 / 10 / 13 / 17 mm and hexagon bolt 3 / 4 / 6 mm
115.905		USB Memorystick
126.448		carrier box (within the scope of supply)

Fields of application COMET

Power	1500 W		1200 W		700 W	
	Wedge length	Material thickness	Wedge length	Material thickness	Wedge length	Material thickness
PE-HD, PE-C, PP	70 mm copper	1.5 – 2.0 mm	50 mm copper	0.5 – 1.5 mm	20 mm steel	0.5 – 1.0 mm
PE-LD	70 mm copper	2.0 – 3.0 mm	50 mm copper	1.0 – 2.0 mm	20 mm steel	0.5 – 1.0 mm
PVC-P	70 mm steel	2.0 – 3.0 mm	50 mm steel	1.0 – 2.0 mm		



Combiwedge welding machine

TWINNY T

Ideal for thin materials used in civil engineering and tunnel construction. There's a choice between replaceable combiwedges with or without test channel. The display shows all relevant welding parameters.

- Simple operation
- High welding speed
- Digital-display of temperature and velocity
- Closed-loop control of temperature and drive
- Perfect welding result even in harsh environmental conditions thanks to hot air system.

Technical Data

Voltage	V~	230 / 120
Power	W	2300 / 1900
Frequency	Hz	50 / 60
Temperature	°C	20 – 560
Velocity	m/min	0.8 – 3.2
Welding pressure	N	100 – 1000
Size (L × B × H)	mm	340 × 360 × 245
Weight	kg	6.9 – 7.9 (with 3 m cable)
Marking of conformity	CE	
Approval mark	Ⓢ	
Protection class I	Ⓢ	

Article No.

- 107.562 Twinny T for civil engineering, 230 V / 2300 W, with test channel, with combiwedge long, with Euro plug
- 107.564 Twinny T for civil engineering, 230 V / 2300 W, with test channel, with combiwedge short, with Euro plug
- 111.190 Twinny T for tunnel construction, 230 V / 2300 W, with test channel, with combiwedge short, with Euro plug
- 115.761 Twinny T for civil engineering, 230 V / 2300 W, without test channel, with combiwedge long, with Euro plug
- 113.362 Twinny T for civil engineering, 120V/1900W, roller 50 mm, with test channel, with short combi-wedge, with UK-plug

More versions on request



Combiwedge welding machine

TWINNY T USB

The small all-rounder records all relevant welding parameters. This makes documentation easy and with the USB memory system designed for use on construction sites data transfer becomes mere child's play.

- Digital display of welding pressure
- Complete record of all relevant welding parameters.
- USB memory system
- Data transfer made simple

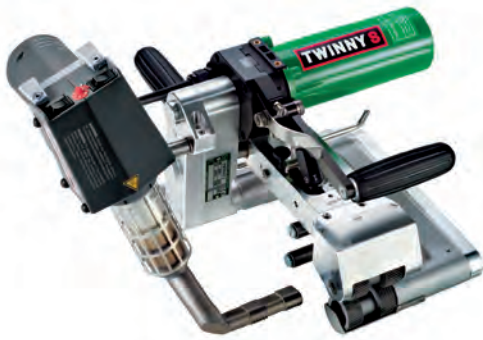
Technical Data

Voltage	V~	230
Power	W	2300
Frequency	Hz	50 / 60
Temperature	°C	20 – 560
Velocity	m/min	0.8 – 3.2
Welding pressure	N	100 – 1000
Size (L × B × H)	mm	340 × 360 × 245
Weight	kg	6.9 – 7.9 (with 3 m cable)
Marking of conformity	CE	
Approval mark	Ⓢ	
Protection class I	Ⓢ	

Article No.

- 138.089 Twinny T USB for civil engineering, 230 V / 2300 W, with test channel, with combiwedge long, with Euro plug

More versions on request



TWINNY S with combiwedge at work at a mining site in South America.

Combiwedge welding machine

TWINNY S

Light version, optimized for overhead welding. Ideal for thin materials used in civil engineering and tunnel construction. There's a choice between replaceable combiwedges with or without test channel.

- Simple operation
- Light weight
- High welding speed
- seamless adjustment of temperature and drive
- Perfect welding result even in harsh environmental conditions thanks to hot air system.


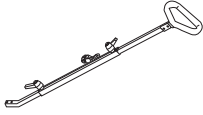

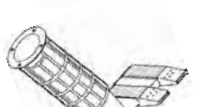

Technical Data

Voltage	V~	230 / 120
Power	W	2900 / 1900
Frequency	Hz	50 / 60
Temperature	°C	20 – 600
Speed	m/min	
Gear 256:1		0.2 – 2.5
Gear 144:1		1.4 – 4 (6)
Welding pressure	N	1000
Size (L x B x H)	mm	350 x 390 x 270
Weight	kg	6.5 – 6.9 (with 3 m cable)
Marking of conformity		CE
Approval mark		Ⓢ
Certification scheme		CCA
Protection class II		□

Article No.:

119.031	Twinny S for tunnel construction, drive 256:1, 230 V / 2900 W, Roller 50 mm, with test channel, with combiwedge long, with Euro plug
119.030	Twinny S for tunnel construction, drive 256:1, 230 V / 2900 W, Roller 50 mm, with test channel, with combiwedge short, with Euro plug
119.027	Twinny S for civil engineering, drive 256:1, 230 V / 2900 W, Roller 50 mm, with test channel, with combiwedge long, with Euro plug
119.008	Twinny S for civil engineering, drive 144:1, 230 V / 2900 W, Roller 50 mm, with test channel, with combiwedge short, with Euro plug
128.808	Twinny S for civil engineering, drive 144:1, 6 m/min, 230 V / 2900 W, Roller 50 mm, with test channel, with combiwedge short, with Euro plug
119.039	Twinny S for tunnel construction, gearing 256:1, 120V/1900W, roller 50mm, with test channel, with long combi-wedge, without plug

Accessories TWINNY T / TWINNY T USB / TWINNY S

112.974		cross handle extremely light, material: Aluminum
129.224		guide-bar, complete
100.517		combiwedge short, 50 mm, with test channel
100.518		combiwedge short, 50 mm, without test channel
100.519		combiwedge short, 30 mm, with test channel
100.520		combiwedge short, 30 mm, without test channel
100.525		combiwedge long, 50 mm complete, with test channel
100.526		combiwedge long, 50 mm complete, without test channel, slotted, perforated

Civil Engineering / Tunneling / Landfill



TWINNY T with combiwedge, welding a HD-PE sealing sheeting.





TWINNY T with convenient cross-handle at work: overhead welding in a tunnel.




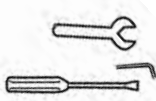




Perfectly protected in the Leister box (Included in delivery)

Accessories TWINNY T / TWINNY T USB

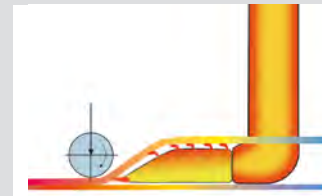
103.604		Heating element, 230 V / 2100 W
103.602		Heating element, 120 V / 1800 W

Accessories TWINNY S

101.905		Heating element, 230 V / 2750 W
101.910		Heating element, 230 V / 2100 W
101.913		Heating element, 120 V / 1800 W
110.715		Tool set consist of hexagon spanner 8 / 10 / 13 / 17 mm and hexagon bolt 3 / 4 / 6 mm
115.905		USB Memorystick
126.448		carrier box (within the scope of supply)

welding procedure

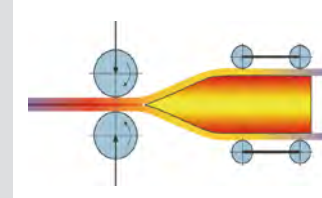
Hot gas welding



Heating by hot air

TRIAC S/ TRIAC PID

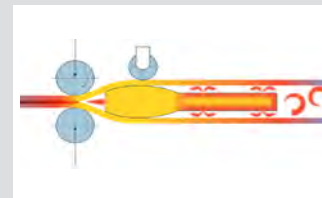
Hot-wedge welding



Heating by electrically heated wedge

ASTRO, ASTRO USB
COMET, COMET USB

Hot-wedge welding with combiwedge



Heating hot air and hot wedge

TWINNY T/ TWINNY T USB
TWINNY S



WELDPLAST S6 undertaking assembly applications on a landfill site.

Robust, spacious transport box.

Digitally regulated hand extruder

WELDPLAST S6

If the output volume is the decisive criterion, the WELDPLAST S6 with its 6 kg/h is the ideal partner. Its innovative control wheel allows to work in all welding positions. At the same time, it serves as a device rest and as fastening for a cable suspension.

- Verified 6 kg of output per hour
- Highest possible preheating capacity
- Adjustable control wheel
- Maintenance-free hot air blower
- Multifunctional display

Technical Data		
Voltage	V~	230
Power	W	4600
Frequency	Hz	50/60
Material		PE / PP
Welding rod	mm	Ø 4 or Ø 5
Output	kg/h	3.9 – 6.0
Size (L x B x H)	mm	821 x 116 x 240
Weight	kg	14 (without cord)
Marking of conformity		CE
Protection class I		⊕
Approval mark		Ⓢ

Article No.

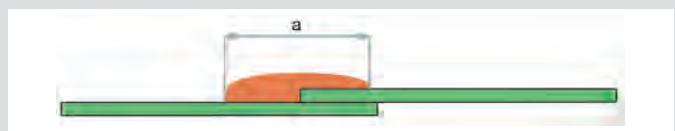
134.318 Hand extrusion welder WELDPLAST S6, 230V/5300W, CEE 32A plug

Contained in scope of supply: Overlap welding shoe and ultra-strong transport box.

Accessories WELDPLAST S6

119.217 119.222		Welding shoe complete Blank 50 x 40 x 38 mm Blank 70 x 50 x 47.5 mm
119.190 135.901		Overlap 35 mm Overlap 40 mm
119.197 119.198 119.199		V-seam 20 and X-seam 35/40 mm V-seam 25 mm V-seam 30 mm
119.164 119.165 119.166		Fillet weld 20 mm (a = 14 mm) Fillet weld 25 mm (a = 17.5 mm) Fillet weld 30 mm (a = 21 mm)
117.055		Preheating nozzle large, 35 mm
136.859		Preheating nozzle large XL, 50 mm
117.790		Side hot air guide
134.567		Heating element, 230 V / 2600 W
116.367		Carrier Box

Overlap





The powerful WELDPLAST S4 at work.



Perfectly stowed in the plastic case.

Digitally regulated hand extruder

WELDPLAST S4

Compact and ergonomic: The WELDPLAST S4 hand extruder is the first of its type with its brushless, maintenance-free motor for generating preheated air. An output of up to 4 kg/h is possible thanks to its powerful drive system.

- Compact housing design reduces noise and guarantees optimal cooling for the electronics and drive.
- Microprocessor to regulate the welding process and to monitor the tool
- Menu with function programs
- Both-sided twist-free wire intake
- Maintenance-free blower

Technical Data

Voltage	V~	230
Power	W	3680
Frequency	Hz	50/60
Material		PE / PP
Welding rod	mm	∅ 3 or ∅ 4
Output	kg/h	1.5 – 4.0
Size (L × B × H)	mm	560 × 110 × 300
Weight	kg	8.7 (without cord)
Marking of conformity		CE
Approval mark		Ⓢ
Certification scheme		CCA
Protection class I		Ⓢ

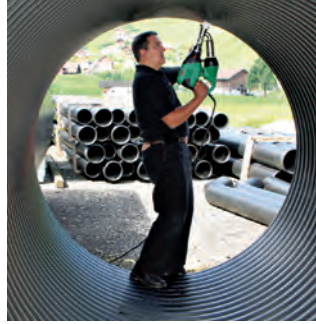
Article No.

116.948 Hand extruder WELDPLAST S4, 230 V / 3680 W, with Euro plug

Scope of delivery: WELDPLAST S4, blank welding shoe, preheating nozzle large, medium and small, plastic case

Accessories WELDPLAST S4

119.217 119.222		Welding shoe complete Blank 50 × 40 × 38 mm Blank 70 × 50 × 47.5 mm
119.194 119.195 119.196 119.197 119.198		V-seam 8/10 and X-seam 15/20 mm V-seam 12 and X-seam 25 mm V-seam 15 and X-seam 30 mm V-seam 20 and X-seam 35/40 mm V-seam 25 mm
119.161 119.163 119.164 119.165		Fillet weld 8/10 mm (a = 7 mm) Fillet weld 15 mm (a = 10.5 mm) Fillet weld 20 mm (a = 14 mm) Fillet weld 25 mm (a = 17.5 mm)
119.190 135.901		Overlap 35 mm Overlap 40 mm
117.064 117.065		Side hot air guide Top hot air guide
117.053 117.518 117.055		Preheating nozzle small, 20 mm Preheating nozzle middle, 25 mm Preheating nozzle large, 35 mm
118.804		Tool rest
136.231		Pre-heat reflector
109.984		Heating element, 230 V / 2200 W
123.173		Carrier Box



The handy WELDPLAST S2 at work.



Perfectly stowed in a plastic case.

Digitally regulated hand extruder

WELDPLAST S2 / S2 TPO

The WELDPLAST S2 is a masterpiece of modern technology. Its external appearance fulfills the highest requirements on functionality and design. Its interior satisfies the high expectations concerning the material to be processed. It even welds PVC-U without any difficulty.

- Maintenance-free blower
- Perfect weld seam quality
- Multifunctional display
- Ergonomic and handy
- Successfully operated all over the world

Technical Data




Voltage	V~	230
Power	W	3000
Frequency	Hz	50/60
Material		PE / PP
Welding rod	mm	Ø 3 or Ø 4
Output Ø 3 mm	kg/h	PE: 0.6–1.3 PP: 0.5–1.2
Output Ø 4 mm	kg/h	PE: 1.0–2.3 PP: 0.9–2.0
Size (L × B × H)	mm	450 × 98 × 260
Weight	kg	5.8 (without mains supply cable)
Marking of conformity		CE
Approval mark		§
Certification scheme		CCA
Protection class II		□

Article No.:




- 127.215 Weldplast S2, 230 V / 3000 W, with Euro plug
136.602 Weldplast S2, 230 V / 3000 W, TPO, with Euro plug

Scope of delivery: WELDPLAST S2, blank welding shoe, transport box

Accessories WELDPLAST S2

131.451		Device rest
136.231		Pre-heat reflector
134.361		Air filter set (Included in delivery)

Accessories WELDPLAST S2 / S2 TPO

118.094 119.214		Welding shoe complete Blank 50 × 40 × 38 mm Blank 70 × 50 × 47.5 mm
118.888 118.889 119.202 119.203 119.204		V-seam 5/6 and X-seam 10/12 mm V-seam 8/10 and X-seam 15/20 mm V-seam 12 and X-seam 25 mm V-seam 15 and X-seam 30 mm V-seam 20 und X-seam 35/40 mm
118.887 118.885 119.139 119.140		Fillet weld 5/6 mm (a = 4.2 mm) Fillet weld 8/10 mm (a = 7 mm) Fillet weld 15 mm (a = 10.5) Fillet weld 20 mm (a = 14 mm)
129.008 129.010		Corner, short, 20 mm Corner, long, 14 mm
109.984		Heating element, 230 V / 2200 W
139.460		Angled adapter 45°
139.461		Angled adapter 90°
119.540		Carrier Box



Due to its length, the FUSION 3 is especially suited for civil engineering applications.

Transport box for Leister hand extruder.

Air heated hand extruder

FUSION 3

With its long and narrow shape, the FUSION 3 enables comfortable work, even on the floor.

- High welding performance
- Compact and handy
- The motor start-up protection prevents cold start
- Simple operation
- Both-sided twist-free wire intake
- 360° rotating welding shoe

Technical Data

Voltage	V~	230
Power	W	3500
Frequency	Hz	50/60
Material		PE / PP
Welding rod	∅ mm	3 or 4
Output (HDPE ∅ 4)	kg/h	1.6 – 3.5
Size (L × B × H)	mm	670 × 90 × 180
Marking of conformity		CE
Approval mark		Ⓢ
Certification scheme		CCA
Protection class II		□

Article No.:

118.300 Hand extruder FUSION 3, 230 V / 3500 W, with Euro plug

Included in delivery: Extruder, blank welding shoe, carrier box

Accessories FUSION 3

118.094 119.214		Welding shoe complete Blank 50 × 40 × 38 mm Blank 70 × 50 × 47.5 mm
118.889 119.202 119.203 119.204 119.205		V-seam 8/10 and X-seam 15/20 mm V-seam 12 and X-seam 25 mm V-seam 15 and X-seam 30 mm V-seam 20 und X-seam 35/40 mm V-seam 25 mm
118.885 119.139 119.140 119.141		Fillet weld 8/10 mm (a = 7 mm) Fillet weld 15 mm (a = 10.5 mm) Fillet weld 20 mm (a = 14 mm) Fillet weld 25 mm (a = 17.5 mm)
118.890 119.185		Overlap 25 mm Overlap 35 mm
129.008 129.010		Corner, short, 20 mm Corner, long, 14 mm
136.231		Pre-heat reflector
118.804		Tool rest
113.268		Heating element, 230 V / 1100 + 1100 W
123.173		Carrier Box



Like the FUSION 3, the somewhat shorter 3C provides an astounding output volume of up to 3.5 kg/hr.

Perfectly stowed in a plastic case.

Air heated hand extruder

FUSION 3C

Like the FUSION 3, the somewhat shorter 3C provides an astounding output volume of up to 3.5 kg/hr.

- High welding performance
- Compact and handy
- The motor start-up protection prevents cold start
- Both-sided twist-free wire intake
- 360° rotating welding shoe

Accessories FUSION 3C

Technical Data

Voltage	V~	230
Power	W	2800
Frequency	Hz	50/60
Material		PE / PP
Welding rod	∅ mm	3 or 4
Output (HDPE ∅ 4)	kg/h	1.6 – 3.5
Size (L × B × H)	mm	588 × 98 × 225
Marking of conformity		CE
Approval mark		Ⓢ
Certification scheme		CCA
Protection class II		□

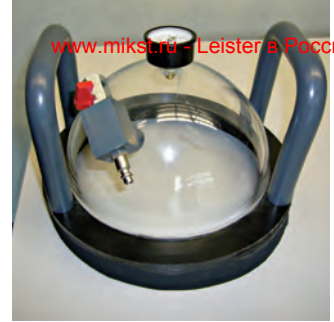
Article No.

123.866 Hand extruder FUSION 3C, 230 V / 2800 W, with Euro plug

Included in delivery: Extruder, blank welding shoe, carrier box

118.094 119.214		Welding shoe complete Blank 50 × 40 × 38 mm Blank 70 × 50 × 47.5 mm
118.889 119.202 119.203 119.204 119.205		V-seam 8/10 and X-seam 15/20 mm V-seam 12 and X-seam 25 mm V-seam 15 and X-seam 30 mm V-seam 20 und X-seam 35/40 mm V-seam 25 mm
118.885 119.139 119.140 119.141		Fillet weld 8/10 mm (a = 7 mm) Fillet weld 15 mm (a = 10.5 mm) Fillet weld 20 mm (a = 14 mm) Fillet weld 25 mm (a = 17.5 mm)
118.890 119.185		Overlap 25 mm Overlap 35 mm
129.008 129.010		Corner, short, 20 mm Corner, long, 14 mm
135.082		Air filter FUSION 3C
136.231		Pre-heat reflector
118.804		Tool rest
123.561		Heating element, 230 V / 1750 W
119.540		Carrier Box

Civil Engineering / Tunneling / Landfill



LEISTER Vacuum bell.

Tensiometer

EXAMO USB

Is the welding seam sealed and can it withstand the specified peeling, tensile and shearing forces? EXAMO performs right at the construction site – quick, reliable and uncomplicated.

- Mobile version, designed for construction site conditions
- Handy, robust and light
- Digital display of elongation, peak force, tear force, test speed and position
- Optionally for geotextiles

Technical Data

Type		300F	600F
Voltage	V~	230	230
Power	W	200	200
Frequency	Hz	50 / 60	50 / 60
Tensile load	N	4000	4000
Jaw spacing	mm	5 – 300	5 – 600
Range	mm	300	600
Test speed	mm/min	10 – 300	10 – 300
Sample thickness	mm	max. 7	max. 7
Sample width	mm	max. 40 (60 optional)	max. 40 (60 optional)
Size (L × B × H)	mm	750 × 270 × 190 (case)	1050 × 270 × 190 (case)
Weight	kg	14	17.5
Marking of conformity		CE	CE
Approval Mark		Ⓢ	Ⓢ
Protection Class I		Ⓢ	Ⓢ

Article No.:

- 139.059 Examo 300F USB, 230V/200W, incl. USB-Memory Stick, with Euro plug
 139.060 Examo 600F USB, 230V/200W, incl. USB-Memory Stick, with Euro plug

Accessories EXAMO USB

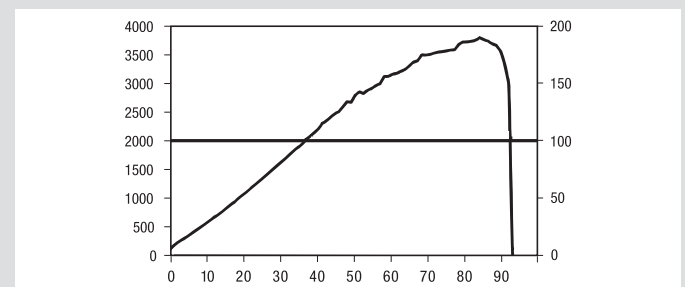
134.832		Testing and calibration kit To test and calibrate your EXAMO
113.005/ 113.006		Jaws for Geotextiles

Hot-wedge welding

110.051		Testing device for welding fitting
106.950		Welding fitting PE
110.052		Testing device with injector needle

Vacuum testing system

109.795		Vacuum bell Ø 320 mm
---------	--	----------------------



Visualization of an EXAMO USB report



Hand tool

TRIAC PID

Closed loop control of temperature and monitoring of functions thanks to micro processor. The popular hand tool for top quality results.

- Reproducible results thanks to digital display of set and actual values of temperature.
- Constant temperature independent of voltage fluctuations and environmental conditions.
- Adaptor tube with heat protection
- Electronic protection of heating element
- Motor shut-off at minimal carbon level

Technical Data

Voltage	V~	230 / 120
Power	W	1600
Frequency	Hz	50 / 60
Temperature	°C	50 – 600
Size (L x Ø)	mm	340 x 90, handle Ø 56
Weight	kg	1.1 (without 3 m cord)
Marking of conformity	CE	
Approval Mark	Ⓢ	
Certification Scheme	CCA	
Protection Class II	□	

Artikel-Nr.

100.741	TRIAC PID 230V / 1600W for snap-fit nozzles with Euro plug
100.742	TRIAC PID 230V / 1600W for screw-on nozzles with Euro plug
111.165	TRIAC PID 120V / 1600W for snap-fit nozzles with UK plug



Hand tool

TRIAC S

The reliable, cost-effective and proven hand tool with stepless adjustment of temperature range.

- Adaptor tube with heat protection
- Electronic protection of heating element
- Motor shut-off at minimal carbon level
- Multiple replacement of carbon brushes possible
- Suitable for continuous operation

Technical Data

Voltage	V~	230
Power	W	1600
Frequency	Hz	50 / 60
Temperature	°C	20 – 700
Size (L x Ø)	mm	340 x 90, handle Ø 56
Weight	kg	1.1 (without 3 m cord)
Marking of conformity	CE	
Approval Mark	Ⓢ	
Certification Scheme	CCA	
Protection Class II	□	

Artikel-Nr.

100.705	TRIAC S 230V / 1600W for snap-fit nozzles with Euro plug
100.706	TRIAC S 230V / 1600W for screw-on nozzles with Euro plug
100.709	TRIAC S 230V / 1600W for snap-fit nozzles with Australian plug
112.230	TRIAC S 230V / 1600W for snap-fit nozzles with UK plug black
109.987	TRIAC S 120V / 1600W for snap-fit nozzles with UK plug yellow



Working with the reliable TRIAC, the specialist produces perfect welding results.



Welding of the connectors with TRIAC PID and push-fit wide slot nozzle.



The handy transport box provides ample room for the required equipment.

Accessories TRIAC PID / TRIAC S

Roofing

107.124		Angled nozzle 20 mm, 90°, push-fit
107.125		Angled nozzle 20 mm, 60°, push-fit
107.132 107.130 107.133 128.535		Wide slot nozzle, push-fit, 40 mm 40 mm, 60° bent 40 mm, perforated 30 mm, 45° bent
107.129		Wide slot nozzle 60 mm for bitumen, push-fit
107.131		Wide slot nozzle 80 mm, push-fit
107.123		Wide slot nozzle 20 mm, push-fit
100.303 105.578		Tubular nozzle \varnothing 5 mm, push-fit Version extra strong
106.989		Speed weld nozzle 3 mm, push-fit on tubular nozzle \varnothing 5 mm
106.990		Speed weld nozzle 4 mm, push-fit on tubular nozzle \varnothing 5 mm
106.991		Speed weld nozzle 5 mm, push-fit on tubular nozzle \varnothing 5 mm
100.296		Heating element, 230 V, 1550 W, for TRIAC PID
100.689		Heating element, 230 V, 1550 W, for TRIAC S

Billboards / Tarpaulins

107.123		Wide slot nozzle 20 mm, angled, push-fit
105.487		Wide slot nozzle 20 mm, bent and angled, push-fit

107.132 107.130 107.133 128.535		Wide slot nozzle, push-fit 40 mm 40 mm, 60° bent 40 mm, perforated 30 mm, 45° bent
107.124		Angled nozzle 20 mm, 90°, push-fit
107.125		Angled nozzle 20 mm, 60°, push-fit
105.492		Wide slot nozzle 20 mm, straight jaw, 120° bent at right angle
100.296		Heating element, 230 V, 1550 W, for TRIAC PID
100.689		Heating element, 230 V, 1550 W, for TRIAC S


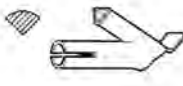







Civil Engineering / Tunnel / Landfill sites

107.123		Wide slot nozzle 20 mm, push-fit
107.132		Wide slot nozzle 40 mm, push-fit
107.135		Wide slot nozzle 40 mm, PTFE-coated, push-fit
100.296		Heating element, 230 V / 1550 W, for TRIAC PID
100.650		Heating element, 120 V / 1600 W, for TRIAC PID
100.689		Heating element, 230 V / 1550 W, for TRIAC S
100.702		Heating element, 120 V / 1550 W, for TRIAC S

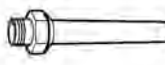









The professional Handtool for work on the roof.

Apparatus and container construction (with push-fit nozzle)










100.303		Tubular nozzle \varnothing 5 mm, for versions with nozzles, push-fit
105.578		Version extra-strong
106.992 106.993		Speed weld nozzle, push-fit on tubular nozzle \varnothing 5 mm
106.989 106.990 106.991		5.7 mm, profile A 7 mm, profile B
106.989 106.990 106.991		3 mm 4 mm 5 mm
106.996		Tacking nozzle, push-fit on tubular nozzle \varnothing 5 mm
107.348		Device rest
107.344		Welding mirror 135 mm, push-fit
100.296		Heating element, 230 V, 1550 W, for TRIAC PID
100.689		Heating element, 230 V, 1550 W, for TRIAC S

Apparatus and container construction (with screw-on nozzle)

105.622		Tubular nozzle, \varnothing 5 mm, screw-on
106.988		Tacking nozzle, screw-on
113.666 113.399		drawing nozzle, \varnothing 3 mm drawing nozzle, \varnothing 4 mm, with tacking tip, screw-on
113.876 113.874		drawing nozzle, \varnothing 3 mm drawing nozzle, \varnothing 4 mm, without tacking tip, screw-on

113.670		drawing nozzle triangular shaped, with tacking tip, screw-on, 90 – 5.7 mm
113.877		drawing nozzle triangular shaped, without tacking tip, screw-on 5.7 mm, profile A
106.986 106.987		7 mm, profile B 7 x 5.5 mm
126.552		drawing nozzle \varnothing 4 mm, screw-on for fluor plastics

Floors / Interior Design

100.303		Tubular nozzle \varnothing 5 mm, for versions with nozzles, push-fit
105.578		Version extra-strong
106.982		Extension nozzle \varnothing 5 mm, 150 mm
106.989		Speed weld nozzle 3 mm, push-fit on Tubular nozzle \varnothing 5 mm
106.990		Speed weld nozzle 4 mm, push-fit on Tubular nozzle \varnothing 5 mm
106.991		Speed weld nozzle 5 mm, push-fit on Tubular nozzle \varnothing 5 mm
105.431		Speed weld nozzle 3 mm, with small air-slide, push-fit on Tubular nozzle \varnothing 5 mm
105.432		Speed weld nozzle 4 mm, with small air-slide, push-fit on Tubular nozzle \varnothing 5 mm
105.433		Speed weld nozzle 5 mm, with small air-slide, push-fit on Tubular nozzle \varnothing 5 mm
107.139		Speed weld nozzle 4.5 x 12 mm for fillet weld, push-fit on Tubular nozzle \varnothing 5 mm






The TRIAC S hand welding tool, used for welding linoleum, equipped with a speed weld nozzle.


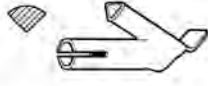


TRIAC PID: monitoring of welding temperature for top quality.

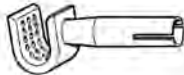


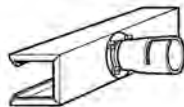





Welding a patch with the TRIAC PID on a building site.

107.137		Speed weld nozzle for tape welding 8 mm, push-fit on Tubular nozzle Ø 5 mm
100.296		Heating element, 230 V, 1550 W, for TRIAC PID
100.689		Heating element, 230 V, 1550 W, for TRIAC S

106.997		Rotary burr Ø 6 mm (for drilling machine)
106.992		Speed weld nozzle 5.7 mm, push-fit on tubular nozzle Ø 5 mm

Shrinking and vehicle repairs

107.324		sieve reflector 12 x 10 mm, push-fit on Tubular nozzle Ø 5 mm
107.337		sieve reflector 50 x 35 mm, push-fit
107.338		sieve reflector 35 x 20 mm, push-fit
107.326		Shell reflector 25 x 150 mm, push-fit
107.307		Spoon reflector 27 x 35 mm, push-fit
107.339		Soldering reflector 17 x 34 mm, push-fit
106.996		Tacking nozzle, push-fit on tubular nozzle Ø 5 mm

Other versions on request.
Technical data are subject to change without prior notice.



Hand tool

HOT JET S

As the most compact hand tool from Leister, the HOT JET S' low weight of 600 g, incl. cord and slim handle, ensures fatigue-free welding and high power.

- The smallest Leister hand tool
- Electronic steplessly controlled temperature
- Electronic steplessly controlled air flow
- Low noise
- Integrated flexible tool stand







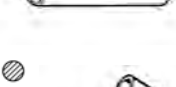




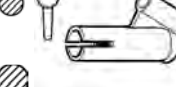

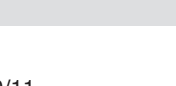
Technical Data

Voltage	V~	230
Power	W	460
Frequency	Hz	50 / 60
Temperature	°C	20 – 600
Pressure static	Pa	max. 1600 (16 mbar)
Size (L x Ø)	mm	235 x 70, handle Ø 40
Weight	kg	0.4 (without 3 m cord)
Marking of conformity	CE	
Approval Mark	Ⓢ	
Certification Scheme	CCA	
Protection Class II	□	

Artikel-Nr.

100.648	HOT JET S 230V / 460W with Euro plug
112.229	HOT JET S 230V / 460W with UK plug black
100.854	HOT JET S 230V / 460W with AUS plug
100.861	HOT JET S 120V / 460W with USA plug

Accessories HOT JET S

107.141		Wide slot nozzle 15 mm, push-fit
107.142		Wide slot nozzle 20 mm, push-fit
107.144		Tubular nozzle Ø 5 mm, push-fit
105.567		Extension nozzle Ø 5 x 150 mm, straight
105.556		Angled nozzle 20 mm, 90° angled, push-fit
106.996		Tacking nozzle, push-fit on Tubular nozzle Ø 5 mm
106.989	3 	Speed weld nozzle 3 mm, push-fit on Tubular nozzle Ø 5 mm
106.990	4 	Speed weld nozzle 4 mm, push-fit on Tubular nozzle Ø 5 mm
106.991	5 	Speed weld nozzle 5 mm, push-fit on Tubular nozzle Ø 5 mm
106.992		Speed weld nozzle, push-fit (5.7 mm, A)
106.993		Speed weld nozzle, push-fit (7 mm, B)
105.431	3 	Speed weld nozzle 3 mm, with small air-slide, push-fit on Tubular nozzle Ø 5 mm
105.432	4 	Speed weld nozzle 4 mm, with small air-slide, push-fit on Tubular nozzle Ø 5 mm
105.433	5 	Speed weld nozzle 5 mm, with small air-slide, push-fit on Tubular nozzle Ø 5 mm







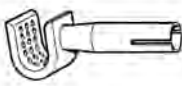






Fitting a solder shrink connection with HOT JET S and a push-fit sieve reflector.



The HOT JET S is especially suited to carry out work in areas which are difficult to access.



The small and light HOT JET S is especially suited to carry out work where space is tight.

107.137		Speed weld nozzle for tape welding 8 mm, push-fit on Tubular nozzle Ø 5 mm	107.305		Ironing nozzle 15 x 25 mm
107.139		Speed weld nozzle 4.5 x 12 mm for fillet weld, push-fit on Tubular nozzle Ø 5 mm	100.818		Heating element, 230 V / 435 W
107.324		Sieve reflector 12 x 10 mm, push-fit on Tubular nozzle Ø 5 mm			
107.146		Soldering nozzle Ø 2 mm			
107.151		Soldering nozzle Ø 4 mm			
107.148		Soldering nozzle Ø 3 x 1.5 mm, oval			
107.310		Sieve reflector 35 x 20 mm, push-fit			
107.311		Sieve reflector 50 x 35 mm, push-fit			
107.312		Spoon reflector 25 x 30 mm, push-fit			



Welding of bitumen sheeting using the powerful ELECTRON with a wide slot nozzle.

Hand tool

ELECTRON

Powerful and versatile, the ELECTRON is the tool the specialist would wish for.

- Powerful
- Compact
- Robust
- Construction site tried and tested

Technical Data





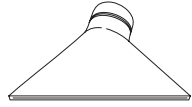

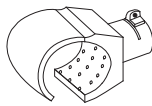
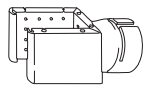
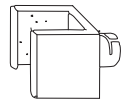
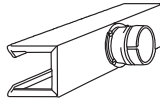
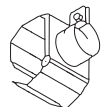
Voltage	V~	230 / 400
Power	W	3400 / 5500
Frequency	Hz	50 / 60
Temperature	°C	20 – 650
Pressure static	Pa	3000 (30 mbar)
Size (L x Ø)	mm	320 x 95, handle Ø 64
Weight	kg	1.3 (without 3 m cord)
Marking of conformity	CE	
Approval Mark	Ⓢ	
Certification Scheme	CCA	
Protection Class II	□	

Article No.

107.781	ELECTRON 230V / 3400W with Euro plug
107.788	ELECTRON 400V / 5500W, with 16A CEE-Stecker
110.889	ELECTRON 120V / 2700W with 32A UK plug
116.055	ELECTRON 230V / 3400W with sprap nozzle, with Euro plug

More versions on request

Accessories ELECTRON



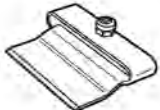





107.258		Wide slot nozzle, push-fit 70 x 10 mm, for bitumen
107.134		Wide slot nozzle, push-fit 40 x 2 mm, for bitumen
107.266		Wide slot nozzle 75 x 2 mm, push-fit, with tool stand (Artikel 116.753)
116.753		Tool stand
107.270		Wide slot nozzle 150 x 12 mm, push-fit
107.229		Round nozzle 20 mm
107.331		Folding reflector 70 x 70 mm, push-fit
107.327		Sieve reflector 85 x 85 mm, push-fit
107.333		Sieve reflector 150 x 130 mm, push-fit
107.340		Shell reflector, 45 x 250 mm, push-fit
107.328		Folding reflector 60 x 75 mm, push-fit



Accelerating the drying process of varnish, paint and body filler using the ELECTRON.



ELECTRON with scraper nozzle. Scraping color without solvent!


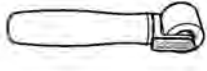
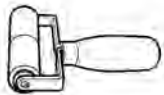


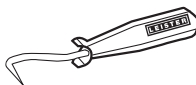


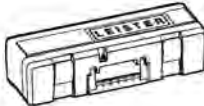
106.127		Sieve reflector \varnothing 65 mm
107.330		Folding reflector 125 x 22 mm, push-fit
116.054		Scraper nozzle, (only use in combination with heater tube, Article no. 116.053)
105.961		Wide slot nozzle 45 x 12 x 350 mm (for foundries)
107.347		Swordshaped nozzle 74 x 12 x 520 mm, edges rounded, PTFE-coated
107.346		Welding mirror 270 mm, push-fit
107.348		Tool rest
113.269		Heating element, 230 V / 3400 W
101.273		Heating element, 400 V / 5500 W



Hand tools


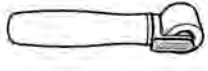


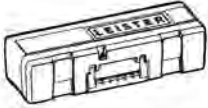

General Accessories

Roofing

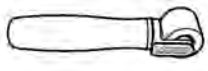

140.160		Pressure roller 40 mm with ball bearings, (Silicone)
140.161		Pressure roller 28 mm with ball bearings, (Silicone)
106.974		Pressure roller 80 mm (Silicone)
106.972		Pressure roller 80 mm (Silicone)
106.976		Pressure roller 28 mm (PTFE)
138.314		Seam probe tester
111.346		Edge plane with 10 spare blades
111.348		spare blades kit containing 10 blades
137.855		Leister-Cutter with 4 spare blades
116.586		Transport box, for TRIAC BT, TRIAC PID, TRIAC S, ELECTRON

Billboards / Tarpaulins

106.974		Pressure roller 80 mm (Silicone)
---------	---	----------------------------------


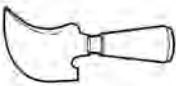


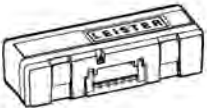


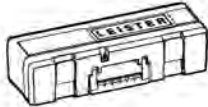
140.160		Pressure roller 40 mm with ball bearings, (Silicone)
140.161		Pressure roller 28 mm with ball bearings, (Silicone)
106.981		Pressure roller for customs seal roller
137.855		Leister-Cutter with 4 spare blades
116.586		Transport box, for TRIAC BT, TRIAC PID, TRIAC S, ELECTRON
116.798		Brass brush

Civil Engineering / Tunnel / Landfill sites



140.160		Pressure roller 40 mm with ball bearings, (Silicone)
140.161		Pressure roller 28 mm with ball bearings, (Silicone)
106.976		Pressure roller 28 mm (PTFE)



Container and apparatus construction

107.348		Tool rest (TRIAC)	106.969		Spatula
137.855		Leister-Cutter with 4 spare blades	137.855		Leister-Cutter with 4 spare blades
116.586		Transport box, for TRIAC BT, TRIAC PID, TRIAC S, ELECTRON	106.966		Hand grooving tool
			106.968		Spare blades for hand grooving tool
			116.586		Transport box, for TRIAC BT, TRIAC PID, TRIAC S, ELECTRON

Floorings / Interior decoration

122.541		Trimming guide
106.972		Pressure roller, with ball bearings (Brass)
106.974		Pressure roller 80 mm (silicone)
140.160		Pressure roller 40 mm with ball bearings, (Silicone)
140.161		Pressure roller 28 mm with ball bearings, (Silicone)
106.976		Pressure roller 28 mm (PTFE)