

# Floor Covering

LEISTER automatic welding machines, hand-welding tools, grooving machines and accessories for floor coverings made of PVC-P, PE, Linoleum and modified thermoplastics.

## Hot air welding machine

### UNIFLOOR

For floor welding



CE

- Small, light and compact
- All floor coverings can be welded without reconfiguration
- Integrated wall switch-off
- Air flow steplessly adjustable
- Simple and comfortable operation
- Drive and heating controlled

### Technical Data

Type	UNIFLOOR	
Voltage	V~	120 / 230
Power consumption	W	1800 / 2300
Frequency	Hz	50 / 60
Temperature	°C	20 – 620 steplessly controlled
Drive speed	m/min.	0.5 – 7.5 steplessly controlled
Air flow	l/min.	max. 300, 50 – 100% stepless
Emission level	L <sub>pA</sub> (dB)	67
Size (L×W×H)	mm	420 × 270 × 215
Weight	kg	ca. 14

- Digital display of SET and ACTUAL values of welding speed and temperature
- Welding speed 1–7.5 m per minute



## Grooving machine

### GROOVER



CE

The GROOVER glides on three rollers and enables an uniform grooving depth at a high operation speed. It cuts welding grooves in thick and tough floor coverings made of PVC-P, PE and Linoleum.

#### Technical Data

Type	Groover	
Voltage	V~	120, 230
Power consumption	W	350 / 700 (2 levels)
Frequency	Hz	50 / 60
Cutting speed	U/min.	Level 1: 14500 (350 W)
	U/min.	Level 2: 18500 (700 W)
Emission level	L <sub>pA</sub> (dB)	84
Sound pressure level	L <sub>wA</sub> (dB)	100
Vibration acceleration	ahw(m/s <sup>2</sup> )	1.6
Groove depth adjustment	mm	0 – 4, stepless
Size L×W×H	mm	240 × 205 × 255
Weight	kg	6.7 with 3 m cord
		and ejector pipe

Approval mark:



CCA certified

- Cutting of all floor coverings
- Easy to handle
- No deviation from seam center thanks to adjustable guide roller
- Vent and dust bag attachment guarantees working without particle and dust

## Hot air blower

### ELECTRON

Powerfull but still small



CE

ELECTRON hot air blower for forming of tiles, sheets, skirting boards, corners, stair edgings, strips, handrails as well as for rapid drying of fillers and adhesives.

#### Technical Data

Type	Electron	
Voltage	V~	42, 120, 200, 230
Power consumption	W	1000, 2700, 3000, 2300/3400
Frequency	Hz	50/60
Temperature	°C	20 – 650, steplessly controlled
Air flow	l/min.	max. 500
		manual air slide
Pressure stat.	Pa	3000 (30 mbar)
Emission level	L <sub>pA</sub> (dB)	65
Size	mm	320 × 95, handle ø 64
Weight	kg	1.5 with 3 m cord

Approval mark:




## Hand-welding tools

### TRIAC PID

The welding tool for quality assurance



#### Technical Data

Type	Triac PID	
Voltage	V~	42, 100, 120, 200, 230
Power consumption	W	1000, 1400, 1600, 1400, 1600
Frequency	Hz	50/60
Temperature	°C	50 – 600, steplessly controlled
Air flow	l/min.	max. 230
Pressure stat.	Pa	ca. 3000 (30 mbar), after 24 h operating time
Emission level	L <sub>PA</sub> (dB)	65
Size	mm	340 × 90, handle ø 56
Weight	kg	1.4 with 3m cord
Approval mark:		CCA certified




TRIAC S hand-welding tool equipped with speed welding nozzle.

### TRIAC S

The reliable hot air tool



#### Technical Data

Type	Triac S	
Voltage	V~	42, 100, 120, 200, 230
Power consumption	W	1000, 1400, 1600, 1400, 1600
Frequency	Hz	50/60
Temperature	°C	20 – 700, steplessly controlled
Air flow	l/min.	max. 230
Pressure stat.	Pa	ca. 3000 (30 mbar), after 24 h operating time
Emission level	L <sub>PA</sub> (dB)	65
Size	mm	340 × 90, handle ø 56
Weight	kg	1.3 with 3 m cord
Approval mark:		CCA certified


- Effortless welding thanks to light weight and smaller handle
- Reproducible welding results thanks to digital temperature display of SET and ACTUAL value
- Adaptor tube with heat protection
- Stepless electronic temperature control, therefore independent of voltage fluctuations and varying ambient temperature (PID control)
- Electronic heating element protection and automatic shut-off of the motor at minimal carbon level
- Multiple replace of carbon brushes possible, therefore suitable for continuous operation

### HOT JET S

The lightest compact welding tool



#### Technical Data

Type	Hot Jet S	
Voltage	V~	100, 120, 230
Power consumption	W	460, 460, 460
Frequency	Hz	50/60
Temperature	°C	20 – 600, steplessly controlled
Air flow	l/min.	20 – 80, steplessly adjustable
Pressure stat.	Pa	max. 1600 (16 mbar)
Emission level	L <sub>PA</sub> (dB)	59
Size	mm	235 × 70, handle ø 40
Weight	g	580 with 3 m cord
Approval mark:		CCA certified

The HOT JET S is suitable for welding in hard reachable places.

Order Number	Illustration not to scale	
115.054		Welding rod de-reeler for Unifloor
115.057		Trolley attachment for Unifloor
106.966		Hand grooving tool
106.968		Spare blades for hand grooving tool
106.969		Spatula
106.989		Speed welding nozzle 3mm push-fit on Tubular nozzle ø 5mm
106.990		Speed welding nozzle 4mm push-fit on Tubular nozzle ø 5mm
106.991		Speed welding nozzle 5mm push-fit on Tubular nozzle ø 5mm
105.431		Speed welding nozzle with small air-slide, for 3mm wire push-fit on Tubular nozzle ø 5mm
105.432		Speed welding nozzle with small air-slide, for 4mm wire push-fit on Tubular nozzle ø 5mm
105.433		Speed welding nozzle with small air-slide, for 5mm wire push-fit on Tubular nozzle ø 5mm
107.139		Speed welding nozzle 4.5 x 12mm for fillet seams
107.144		Tubular nozzle ø 5mm push-fit on Hot Jet S
100.303		Tubular nozzle ø 5mm push-fit on Triac PID/Triac S
107.258		Wide slot nozzle 70 x 10mm push-fit on Electron
102.401		Tungsten carbide tipped blade ø 110 x 3.5mm, trapezium profile
102.402		Tungsten carbide tipped blade ø 110 x 4mm, round profile
102.404		Tungsten carbide tipped blade ø 110 x 2.5mm, round profile
102.403		Tungsten carbide tipped blade ø 110 x 2.8mm, round profile
102.405		Tungsten carbide tipped blade ø 110 x 3.5mm, round profile
102.406		Diamond cutting blade ø 110 x 3.5mm, semi-round profile

Technical data are subject to change without notice. Nozzles are not included to the hand tools.



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