



LS STRAND WELDING MACHINES

LSH LSF

Precise connections for strands and cables

Effective, reproducible welding of copper and aluminum strands from **0.12 to 95 mm²**

- Precise & repeatable
- Robust & easy to use
- Integrated annealing technology
- Made in Germany

YOUR ADVANTAGES WITH LS STRAND WELDING MACHINES

- **Secure connections:** High-strength, metallurgical weld seams for strands and cables
- **Reproducible quality:** Consistent results
- **Easy to use:** Clearly structured operation – even for very small cross-sections
- **Flexible use:** For copper, aluminum
- **Ergonomic design:** Compact, mobile, or stationary versions available
- **Reliable production:** Robust technology with integrated annealing device

THE MASTER FOR STRANDS AND CABLES

LS strand welding machines specialize in the precise, metallurgically pure joining of strands and cables in the cable industry. They enable reliable, repeatable welding processes – from the finest data cables to high-performance power cables.

TYPICAL APPLICATIONS

- Cable industry
- Data and power cables
- Strands and cables
- Coil connections
- Medical technology
- Transformers
- Contact parts

TECHNOLOGY & EQUIPMENT

- Integrated annealing device
- Precise clamping systems
- Axial alignment
- Reproducible processes
- Robust, durable machine construction



LSH Mobile and manual systems	LSF Compact and mobile Mobile in use and ergonomic to operate
Compact and mobile	Mobile in use and ergonomic to operate
For flexible workstations	Almost no post-processing of the weld seam required
Line connections	Ergonomic foot control of the clamping device/ From LSF 095 equipped with hydraulic clamping device
From LSH 095 with standard chassis	Thanks to the standard chassis, ideal for flexible workstations
Ideal for cable factories and line integration (applies to both)	
Optional magnifying glass for small strands (only for LSH/ LSF 001 - 006)	
Stable machine construction	
Repeatable welding results	

WHY LS?

- Made in Germany
- Over 100 years of experience
- Worldwide service and dealer network
- Spare parts available
- Robust technology
- Extremely easy to operate
- 1-year warranty

LSH / LSF- STRAND WELDING AREA

Manual clamping for flexible applications and precise strand connections.

Machine type		LSF 001	LSH / LSF 004	LSH / LSF 006	LSH / LSF 016	LSH 035	LSH / LSF 095
Welding range		min. - max.	min. - max.	min. - max.	min. - max.	min. - max.	min. - max.
Litze							
Copper strand	mm ²	0,12 - 1	0,2 - 4	0,75 - 6	1 - 6	4 - 35	6 - 95
Aluminum strand	mm ²		0,5 - 4	1 - 6	2,5 - 16	10 - 50	16 - 95
Clamping device		foot	hand & foot	hand & foot	hand & foot	hand & foot	hand & foot

LSF 001



LSF 095

