SOMO PRODUZIONE S.P.A
ITALY

LASER WELDING MACHINE FOR POLES



REDUCED ENERGY CONSUMPTION

Laser welding has a lower energy consumption compared to other welding technologies, such as induction welding (ERW). The energy efficiency of laser welding is due to its ability to concentrate energy only where it is needed, preventing waste.

NO ADDITION OF MATERIAL

Laser welds are made without the addition of filler material. The result is a smooth, uniform, and flawless joint.





SPEED

Laser welding is generally faster than other methods, increasing productivity and reducing processing times.

PRECISION AND ACCURACY

Laser welding allows for highly precise and clean welds. The laser beam can be controlled with great accuracy, enabling welds to be made in specific areas without damaging the surrounding regions.



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FAST, PRECISE, AND RELIABLE FOR HIGH QUALITY WELDS



Indicative pole dimension		
Type of pole		Pole with a single weld
		Round conical
Diameter:		min Ø 60 mm
		max Ø 360 mm
Sheet thickness:		3 ÷ 6 mm
Length	Min:	3 m
	Max:	12,8 m

COMMERCIALE@SOMOPRODUZIONE.COM