

Fiber Laser Tube Welder (FTW)

THE SEAL OF ASSURANCE



A dedicated tube welder in 3 and 6 kW on Raycus sources, with HMI and PLC control plus CCD monitoring of the seam. The 6 kW model runs continuous welds at 8 to 9 metres per minute against the 3 kW machine's 7 to 8. Built for fast, repeatable seam welding in tube and pipe production.

SPECIFICATIONS

Models	FTW-3000 / FTW-6000	Laser power	3000 / 6000 W
Wavelength	1060-1080 nm (FTW-3000); 1080 +/-5 nm (FTW-6000)	Laser source	Raycus (RFL-C3000 / RFL-A6000D)
Operating mode	CW / modulated	Control	HMI and PLC
Positioning	Red light, CCD monitor system	Fiber termination	QBH type connector
Interface	Analog	Cooling	Water cooling
Welding speed	7 to 8 m/min (FTW-3000); 8 to 9 m/min (FTW-6000)	Power consumption	16 kW (FTW-3000); 36 kW (FTW-6000)
Power supply	380-420 V / 50-60 Hz		

APPLICATIONS

Tube and pipe seam welding · Continuous tube production · Longitudinal seam welding

INDUSTRIES

Tube and pipe manufacturing · Metal fabrication · Furniture tube · Structural section production

ENQUIRE

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