

SELMACHTM
MACHINERY

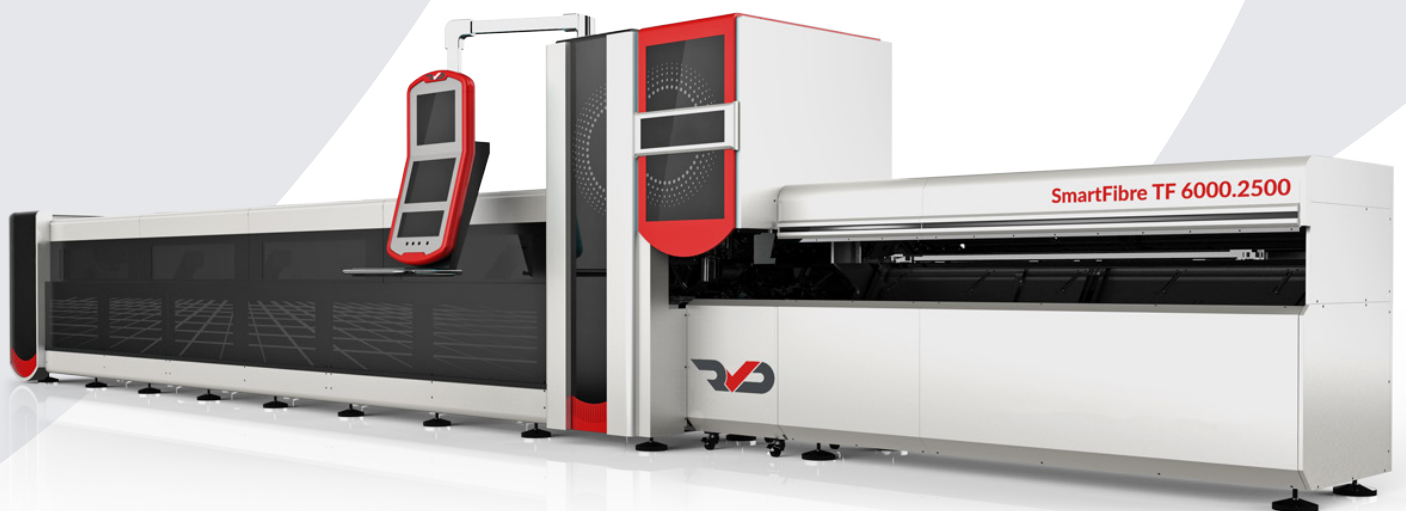
Making Metal Work



Smart Fibre TF Tube Laser

The RVD SmartFibre TF range of tube laser cutting machines are especially applicable for round, square, rectangular, oval and waist round tubes.

Manufactured with the world's leading fibre laser resonator and electronic components to ensure superior stability. The high clamping bed feature provides outstanding rigidity whilst performing at high speed and acceleration, taking your tube laser cutting to the next level.





SUPERIOR TUBE CUTTING QUALITY



OPTIONAL MAGAZINE LOADING SYSTEM

Machine Features

- High performance IPG Laser Source
- Fibre optic beam delivery system
- RayTools Autofocus Laser Cutting Head
- High strength, rigid gantry design to ensure high accuracy and allow high acceleration
- High precision class alpha rack and pinion drive motion system
- Applicable tube types : Round tube, square tube, rectangular tube, oval tube, D-shaped steel, T-shaped steel, H-shaped steel, channel steel, angle steel, etc.
- CE compliant complete machine enclosure and light barrier system
- Lantek Flex3d CNC Laser Control and Software

Optional Equipment

- Optional Magazine Loading system

WATCH THE MACHINE IN ACTION



TECHNICAL SPECIFICATIONS

TABLE STOCK CODE		TF6020	TF6030	TF8012	TF8020	TF8030
Tube Length	mm	6000	6000	8000	8000	8000
Tube Diameter	mm	20 - 200	20 - 300	20 - 120	20 - 200	20 - 300
Positioning Speed	m/min	90	90	150	90	90
Axis Acceleration	G	1.2	1.2	1.0	1.2	1.2
Positioning Accuracy	mm	±0.05	±0.05	±0.05	±0.05	±0.05
Repeat Position Accuracy	mm	±0.03	±0.03	±0.03	±0.03	±0.03
Length (with Standard 2m Outfeed)	mm	12,070	13,400	14,000	13,400	13,400
Width	mm	2,700	2,700	2,000	2,700	2,700
Width (with Optional Magazine Loader)	mm	5,000	5,000	4,200	5,000	5,000
Height	mm	2,300	2,300	2,642	2,300	2,300
Weight	kg	8,000	9,000	7,500	9,000	9,000
Weight (with Optional Magazine Loader)	kg	15,000	17,000	11,000	17,000	17,000
Maximum Laser Source	kW	6	6	3	6	6

LASER SOURCE		kW	1.5	2.5	3	4	6
Cutting Capacity - Mild Steel	mm		14	20	22	25	25
Cutting Capacity - Stainless Steel	mm		6	10	12	12	20
Cutting Capacity - Aluminium	mm		5	8	10	12	16
Cutting Capacity - Brass	mm		5	8	8	12	14
Cutting Capacity - Copper	mm		4	6	6	6	10
Cutting Capacity - Galvanised Steel	mm		5	6	8	10	14