



Member of the TRUMPF Group



TRUDISK LASER CUTTING MACHINE

TFC-SERIES

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TFC Series TruDisk Laser Cutting

- With TRUMPF TruDisk laser generator – high performance, stability and cutting speed
- TFC can cut through high-reflection materials
- Positioning speed of 169m/min due to servo motor
- Adaptive lightweight structure – acceleration of up to 2g

Special Features

Precitec Laser Head



- High cutting speed with best quality
- Cuts easily through various thicknesses and materials
- Lightweight and slim design created for fast acceleration and speed
- Best possible performance, range of flexibility and degree of reliability



TruDisk Laser Generator

- 100% constant power from the first millisecond
- High productivity with variable beam splitting
- Robust protection against back reflection from the patented resonator design
- Intelligent software options for high stability and performance

ITEM	UNIT	SPECIFICATION					
		TFC 3015S		TFC 4020S		TFC 6020S	
Cutting Size	mm	3000x1500		4000x2000		6000x2000	
Stroke of Z Axis	mm	120					
Max. Positioning Speed	m/min	169					
Maximum Acceleration	g	2					
Cutting Accuracy	mm/m	±0.10					
Cutting Thickness	mm		Mild Steel	Stainless Steel	Aluminum	Brass	Copper
		3000W	22	15	15	10	6
		4000W	25	20	22	10	8
Dimension L x W x H	mm	L:9088		L:11149		L:15495	
		W:3085		W:3687		W:3681	
		H:2065		H:1986		H:1981	
Weight	kg	9,490		12,280		15,860	

◆ Note: All the specifications are subjected to change without further notice.