

Machine specification

Model	25		30		35		40		45		50		55			
Effective cutting width (mm)	2,600		3,100		3,600		4,100		4,600		5,100		5,600			
Rail span (mm)	3,500	3,800	4,000	4,300	4,500	4,800	5,000	5,300	5,500	5,800	6,000	6,500	6,500	7,000		
Effective cutting length (mm)	Depends on customer's requirement															
Rail size	50 kg/m (37 kg/m can be applied to LMR-V25-35 mounted with 2-4 kW laser)															
Rail length (mm)	Effective cutting length + 3,000															
Vertical stroke (mm)	200															
Overall machine length (mm)	3,130															
Overall machine width (mm)	4,530	4,830	5,030	5,330	5,530	5,830	6,030	6,330	6,530	6,830	7,030	7,530	7,530	8,030		
Overall machine height (mm)	From top of rail; 1,862 (2 kW)				2,076 (4 kW)				2,139 (6 kW)							

Cooling water circulator specification

	TF2000	TF4000	TF6000
Model	RKL-5500-GTA-B	RKE-12000A-VTA	RKE-12000A-VTA
Cooling capacity	≥22.1 kW	≥39.0 kW	≥39.0 kW
External dimension(LxWxH)	1,404x800x1,780(mm)	1,440x930x1,800(mm)	1,440x930x1,800(mm)
Dry weight/Water tank volume	390 Kg/140 L	550 kg/160 L	550 kg/160 L
Number of units	1	1	2

Equipment configuration

Cutting machine body	1 set
CO ₂ laser oscillator (TF2000/TF4000/TF6000)	1 set
NC device (FANUC SERIES 16i-LB or 160i-LB)	1 set
Cutting head	1 set
Main operation panel	1 set
Cooling water circulator	1 set

- Print device/bevel cutting device cannot be installed.

Speed specification (mm/min)

Processing feed speed	1 ~ 6,000 mm/min
Rapid feed speed	24,000 mm/min
Manual rapid feed speed	12,000 mm/min
Cutting head lifting speed	20,000 mm/min
Cutting head approach speed	15,000 mm/min
Home return speed	24,000 mm/min

Standard cutting specification

Model	TF2000	TF4000	TF6000
Mild steel black skin material ^{※1}	19 mm	22 mm	32 mm
Stainless steel material ^{※2}	8 mm(10 mm) ^{※3}	10 mm(12 mm) ^{※3}	12 mm(16 mm) ^{※3}

※1 Material: SS400(TANAKA specification). Shape: Square 70mmx70mm(with corner radius 5mm)

※2 Material: SUS304. Shape: Square 70mmx70mm (with corner radius 5mm)

※3 Figures in parenthesis show cutting specification in separation cutting. Sometimes dross adheres. Check it with a sample.