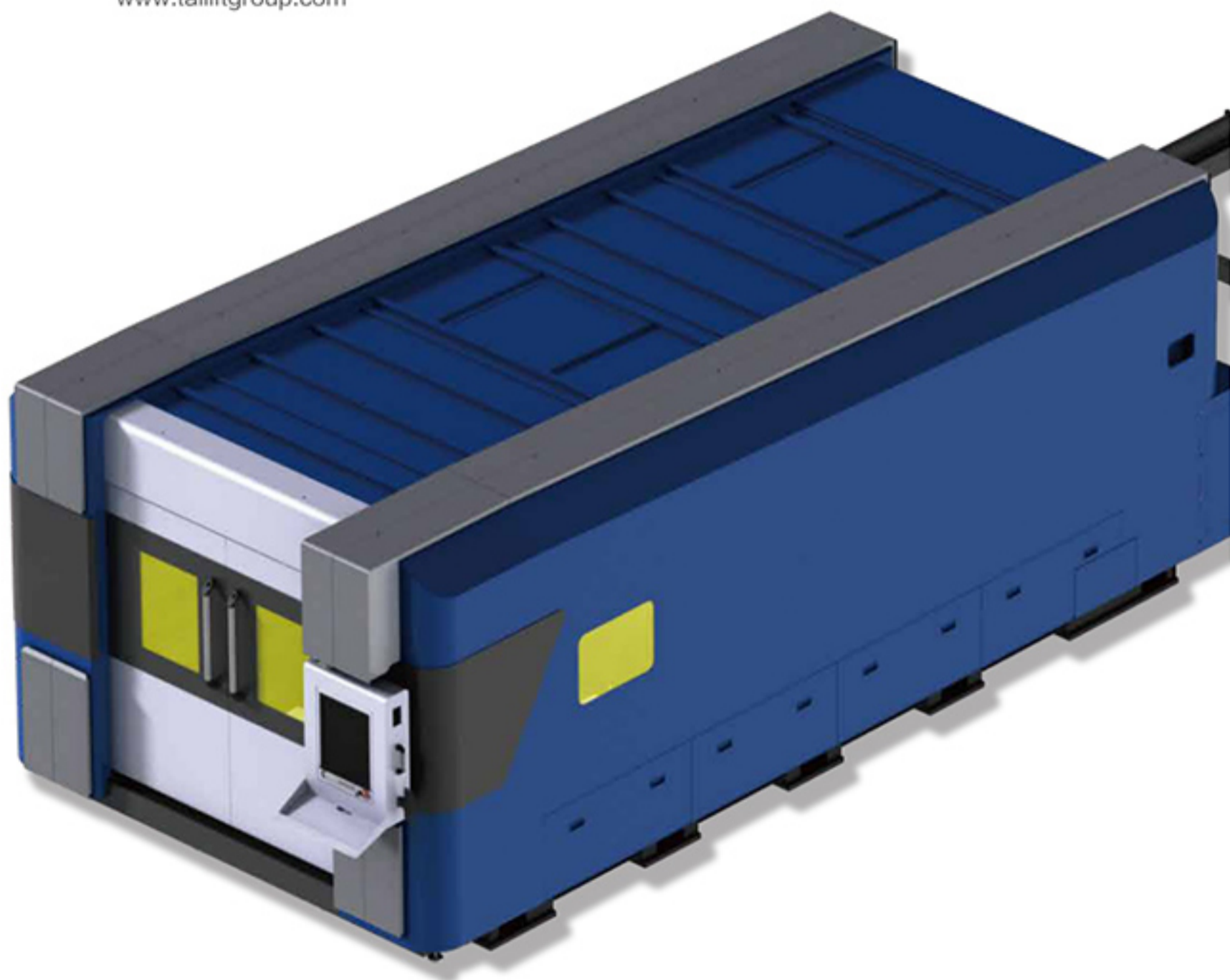




www.tailiftgroup.com



Fiber Laser Cutting

FL series
FL4020-40/60

Fully Exhibit Extraordinary Laser Cutting Performance

- High stability machine structure.
- Max. cutting sizes: 4000 x 2000mm .
- PRECITEC laser cutting head.
- The laser cutting head features automatic focus pre-adjustment function.
- User-friendly operation interface.
- Follow-up type dust collection system with divided areas.
- Max. feed rates on X, Y-axis: 120 m/min.
- Advanced laser control function.



Product Features:

- Focal position and focal diameter can be varied independently of one other
- you can process a wide range of sheet thickness and materials with ProCutter Zoom
- with an adjustable magnification of between 1.25x and 2.5x
- The laser spot size in the process can be changed to a factor of 2 times
- Highest laser power to 12Kw
- With best specifications and performance in the ProCutter series ,to get the affirmation and adoption of high end laser cutting machines worldwide

FANUC Controller Exceptional Performance

- ▶ 4-axes simultaneous control
- ▶ 15" LCD touch screen
- ▶ Simple operation,easy maintenace

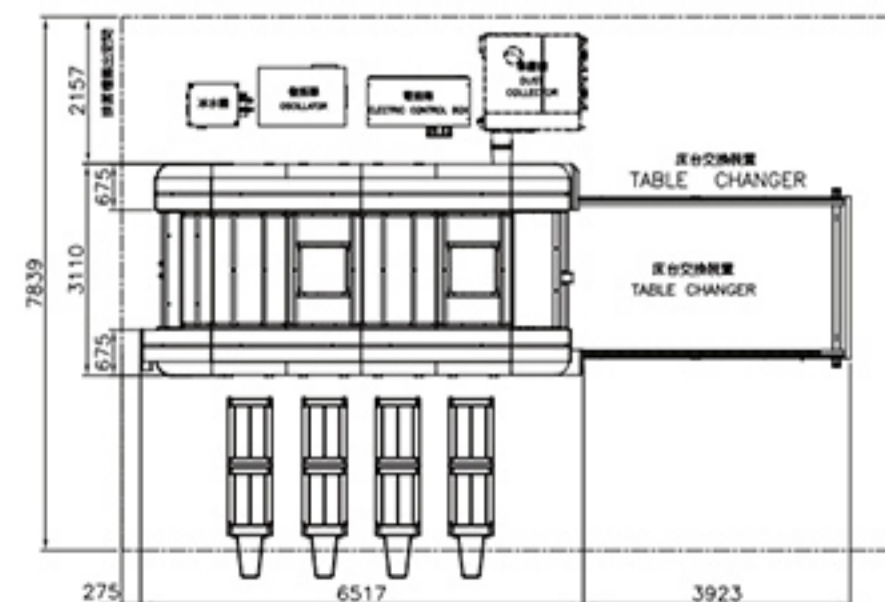


FANUC Resonator

High speed ,High precision

- Arp corner and start-up function
- Laser power control function
- Minute laser output control
- Cutting condition setting

FLOOR PLAN



Unit: mm



Specifications

MODEL	UNIT	FL4020-40	FL4020-60
Movement method		3 axes simultaneously controlled	
Control method		FANUC NC : 31i-LB	
Machining range (X*Y)	mm	4000×2000	
Travel (X*Y*Z)	mm	-256~4010×2015×200	
Machining speed	m/min	65 m/min (Stainless steel)	85 m/min (Stainless steel)
Feed rate	m/min	170	
Acceleration		2G	
Min. control unit (X / Y)	mm		
Repeatability accuracy	mm	±0.02	
Power source		AC 3 ph.4 wires 380V 50Hz/220V 60Hz	
Power supply	KVA	33	61
Resonator		FANUC FIBER LASER FF4000i-MODEL A	FANUC FIBER LASER FF6000i-MODEL A
Wave length of laser	nm	1070±10	
Laser source position		Beside the machine	
Laser head		Automatic focus pre-adjustment cutting head	
Focusing distance for laser head		F150/ZOOM(OP)	
Auxiliary gas for cutting		Air 16bar/ Oxygen 10bar / Nitrogen 25bar	
Table type		Dual exchange table	
Moving speed(X*Y)	m/min	120/120	
Max. workpiece load	kg	2000	
Approx. machine dimensions (LxWxH)	mm	10500×3380×2300	
Approx. machine weight	ton	11	

- Specifications are subject to change without prior notice.
- Cutting speed may vary with the selected focus, fiber code and equipment.

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