

Product Technical Parameters

MARVEL

Machine Type	MARVEL 3000		MARVEL 3000		MARVEL 6000		MARVEL 6000		MARVEL 8000		MARVEL 10000		MARVEL 12000		
		3015	4022	4022	6022	6022	6022	6022	6022	6022	6022	6022	6022	6022	
Sheet Size	x	3000	4000	4000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	mm
	y	1500	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	mm
Stroke	x	3100	4064	4064	6096	6096	6096	6096	6096	6096	6096	6096	6096	6096	mm
	y	1525	2225	2225	2225	2225	2225	2225	2225	2225	2225	2225	2225	2225	mm
	z	140	140	140	280	280	280	280	280	280	280	280	280	280	mm
X-Y Max. Positioning Speed		80	80	100	100	100	100	100	100	100	100	100	100	m/min	
Max. Positioning Linkage Speed		110	110	140	140	140	140	140	140	140	140	140	140	m/min	
Positioning Accuracy Pa*		0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	mm	
Repeat Positioning Accuracy Ps*		0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	mm	
Max. load weight		900	1600	1600	3100	3100	3100	4500	4500	4500	4500	4500	4500	Kg	
Machine Weight**		≤8000	≤11000	≤11000	≤16000	≤16000	≤16000	≤16000	≤16000	≤16000	≤16000	≤16000	≤16000	Kg	
Control System	Farley-ANCA or CYPCUT														

Laser Source	Fiber 3300	Fiber 4200	Fiber 6000	Fiber 8000	Fiber 10000	Fiber 12000	
Power	3300	4200	6000	8000	10000	12000	w
Power Adjustment Range	330-3300	420-4000	600-6000	800-8000	1000-10000	1200-12000	w
Wavelength	Fiber 1064	Fiber 1064	Fiber 1064	Fiber 1064	Fiber 1064	Fiber 1064	nm
Max. Sheet Thickness***							
Carbon Steel	20	20	22	25	25	25	mm
Stainless Steel	10	12	20	25	30	40	mm
Aluminium alloy	10	12	20	25	30	30	mm
Brass	6	8	12	14	16	20	mm

* The accuracy depends on the quality of various materials, pre processing and sheet thickness and heating.

** Host weight without peripheral devices.

*** In order to achieve the maximum cutting thickness, must meet the following conditions:

1. laser cutting equipment in the best maintenance and adjustment
2. materials must meet the quality standard of no impurity and free of rust (laser materials)

Farley Laserlab retains the right to modify the size, design of equipment, which with ISO9001 standard, CE FDA certification.

- Provide warranty service for high quality laser components.

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SERVICE CENTRE

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HGLASER



FARLEYLASERLAB

Fiber Laser Cutting Machine

High-Speed
Precise
Efficient

MARVEL Series



High Quality / High Speed / Cost Effective
Sporty / Smart / Thrifty / Cool / Powerful

Marvel can meet almost all your needs on metal precessing industry.

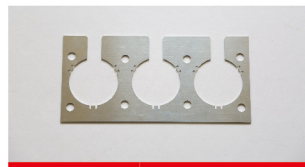
Brief Introduction of Equipment

MARVEL

MARVEL series fiber laser cutting machine is manufactured by Farley Laserlab according to the international exporting standard. This series of products are the preferred models of metal material processing industry, with powerful cutting ability, "flying" cutting speed, high stability, high quality processing, low operation cost and high adaptability.

Cutting Samples

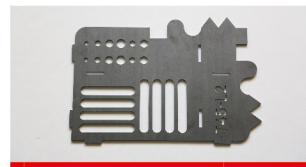
MARVEL



Food Machinery Manufacturing
3mm Stainless steel



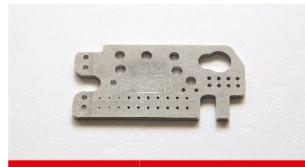
The electronic equipment industry
1.5mm Aluminum



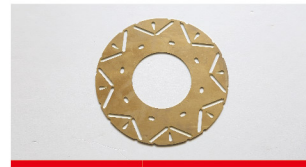
Machinery manufacturing industry
6mm carbon steel



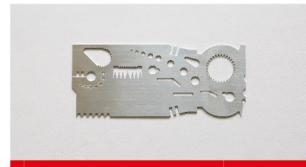
Saw blade industry
6mm carbon steel



Sheet metal manufacturing industry
6mm Stainless steel



The electronic equipment industry
3mm brass



The electronic equipment industry
2mm Stainless steel

Product Size

MARVEL

	MARVEL 3000	MARVEL 3000	MARVEL 6000	MARVEL 6000	MARVEL 8000	MARVEL 10000	MARVEL 12000	
	3015	4022	4022	6022	6022	6022	6022	
length	9400	12140	12140	15000	15000	15000	15000	mm
width	6100	6100	6100	6100	6100	6100	6100	mm
height	2150	2200	2200	2400	2400	2400	2400	mm

