

# 4'X8' up to 6'x12' CO2 LASER CUTTING 300W or 500W



**Accurate Servo & Screw  
Transmission Positioning  
for cutting acrylic (up to 2")  
and other non-metal**



## FEATURES

The G series of laser equipment development goal is to give full play to the motion control performance and enhance the effect of laser processing, no matter from the software design, mechanical structure, and electrical properties to parts selection, emphasizing the aim of processing field services all the time, under the environment of a comprehensive quality management system of the factory production operation, stability, accuracy and speed of the three major indexes can reflect the world first-class equipment. As a result, Excelsior G series products become the new assignment method for an industrial site - the best carrier for laser processing.

## ADVANTAGE

1. Anti-dust system to avoid dust,
2. Servo & Screw Transmission Positioning makes the machine work more steadily
3. Blade surface and shell side surface at the same height; it's more convenient for up-down loading
4. Laser cover with the laser head outside suitable for the operator to monitor the process in real-time
5. With the improved electric panel

• Information only, Ascent reserves the right to change specifications without notice

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Buffalo, NY & Toronto, ON



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## APPLICATION

Non-metal materials such as Acrylic, Plexiglas, MDF. Standard glass, wood, rubber, marble, granite and tiles, leather cloth, Etc.

## 280W CO2 Laser CUTTING PARAMETER (RECOMMENDED)

MATERIAL	THICKNESS (MM)	SPEED (MM/S)	POWER (%)
<b>Acrylic</b>	3	50	30
	5	30	40
	8	15	60
	10	12	65
	15	7	70
	20	3	70
	25	2	75
<b>MDF</b>	30	1	85
	3	40	50
	6	20	65
	8	15	70
	10	10	70
	12	8	75
<b>Wood</b>	15	4	85
	5	30	65
	10	10	70
	12	8	75
	18	4	80
	25	2	85

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