

CMA2425C-GF-A High-power Airbag Laser Cutting Machine



Air bag cutting



Parachute cutting



Large tent fabric laser cutting



Canvas cutting



Carpet laser cutting

Features

1. Gantry & rack and pinion & double servo drive motion system realize higher transmission efficiency and stability than the belt transmission system, almost maintenance-free.
2. Fully enclosed optical path, more stable optics and lower laser power loss, achieving better cutting quality.
3. The machine adopts automatic lubrication system, can be maintenance-free and continuously work for 24 hours.
4. PA (Germany CNC system), customizable HMI. (the CNC system maybe different in the future)
5. Germany ROFIN DC series metal RF CO₂ laser tube, with better laser beam quality to ensure the cutting effect.
6. The whole machine pass SGS Certification.

Specification

Name	High-power airbag laser cutting machine	Positioning accuracy	±0.4mm/1000mm
Working area(lengthXwidth)	2500mm X 2400mm	Repeat positioning accuracy	±0.3mm/1000mm
Brand of laser	Rofin	Flow of ventilation system	15000m ³ /h
Type of laser	Metal RF CO ₂ laser tube	Supported graphical format	CAD, DXF etc.
Laser power	2500W (optional)	Work environment	0-45°C Humidity≤ 80%, No condensation
Control system	German PA numerical control system	Quality certification	SGS
Motion system	Gantry & rack and pinion & double servo drive	Lubrication of motion system	Full-automatic
External optical path system	Fully enclosed optical path	Protective cover	Fully enclosed safety protection cover
Feeding system	Yes	Total power of the machine	70Kw
Receiving system	Yes	Power supply	380V/50Hz
Feeding method	Chain drive rotary feeding	Total weight	7000Kg
Feeding speed	18m/min	Mechanical dimensions (including feeding & receiving system)	9600mm×3800mm×1750mm
Maximum speed	120m/min		
Maximum acceleration	0.8G		

Material

Air bag, canvas, tent, sofa fabric.