



[3200mm x 8000mm \(126" x 315"\) Large Size Flatbed Laser Cutting Machine, Outdoor Industrial Fabric Cutting, with CE](#)

Item Code: LCM-LFB-320800



Mini Order: 1 set

Shipping Weight: ★★★★★

Average Rating: 31405.0lb (14275kg)

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Overview

Laser machine adopts non - contact process way for cutting industrial material with high temperature heating, slim cutting edge, and very accurate contours without applying any force, mechanical fixing and punching is not required.

Large Format Cutting Tables and System

Certificate: ISO9001, CE certificate (European Security Certificate), etc.

Application Field

This large format flatbed laser cutter is mainly used to cut inflatable outdoor product, air balloon, rescue boat materials, tent, parachute, sailboat material, coated fabric, rubber boat, etc.

Product Main Configuration

Accord with Europe CE standard

Maximum Cutting Area: 3200mm x 8000mm (126" x 315")

Laser power: 130W DC glass laser (R. F. metal laser 150W for choice)

Working speed: 0 - 48000mm / min

Control system: Nesting offline control, 5 inch display

Vacuum absorb conveyor working table

Japanese servo motor

Complete exhaust system

This laser cutting machine is equipped with flowing up exhaust system, which makes laser head move synchronously with exhaust system, smoke exhaust effect is better, energy saving and consumption reducing.

Features

? Frame - Accord with Europe CE standard

? Laser head - different focal lens and nozzle selections for different thickness materials cutting; Cover device around the laser head for exhaust, blower

? Control system

?servo controlling motor for whole area moving; Offline USB2.0 control; Following laser power adjustment when working with curve designs

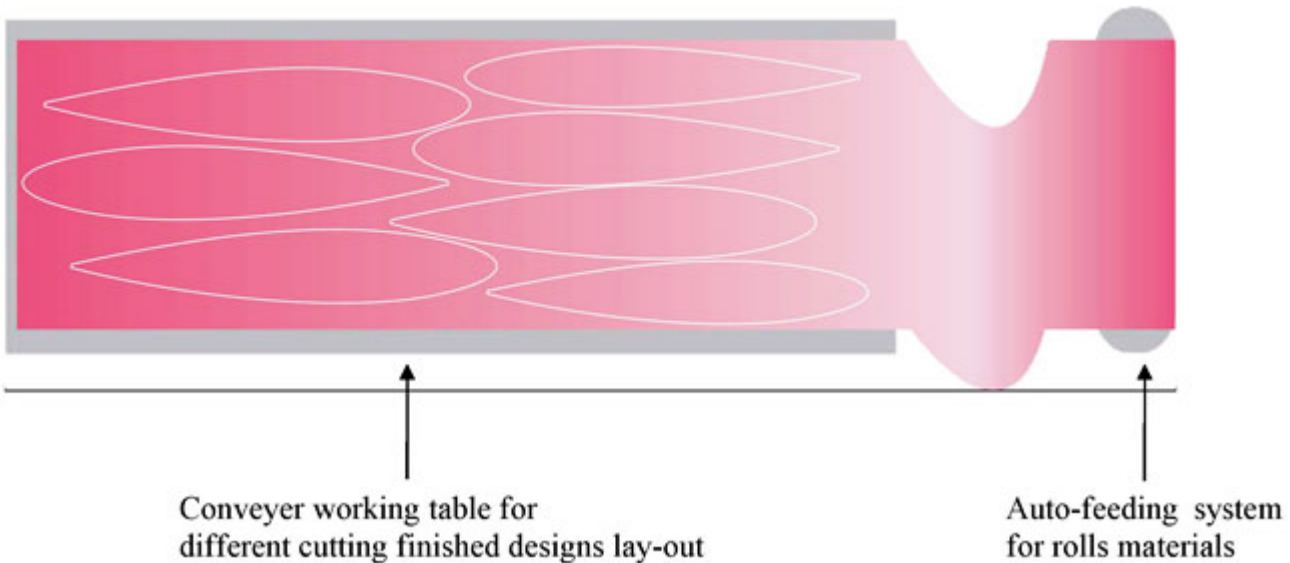
? Conveyer table, vacuum system, exhausting system; Conveyer working table for continuous cutting rolls of materials; Vacuum and exhausting system have large strength to absorb the processing materials and make it closed to table.

Software Presentation

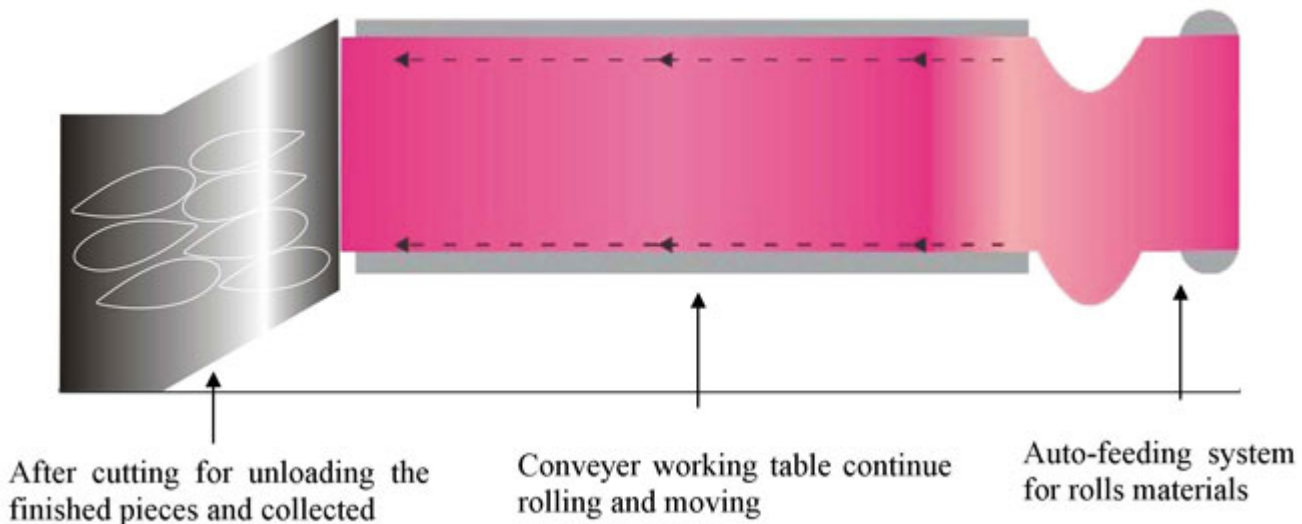
- a. Our software is compatible with BMP, AI, PLT, DST, DXF formats;
- b. Seamless connection process for different designs from CorelDraw, AutoCAD; CAD typeset combined and output in time.
- c. Different color layers showing for process mode define the processing sequence, output one time;
- d. Offline control and large memory for data storing, realize the offline control and batch of production work;
- e. One computer control multi-machines for decreasing the invest costing and labor force;
- f. 5 inches LCD display screen for easy and convenient operations.

Machine Lay-Out

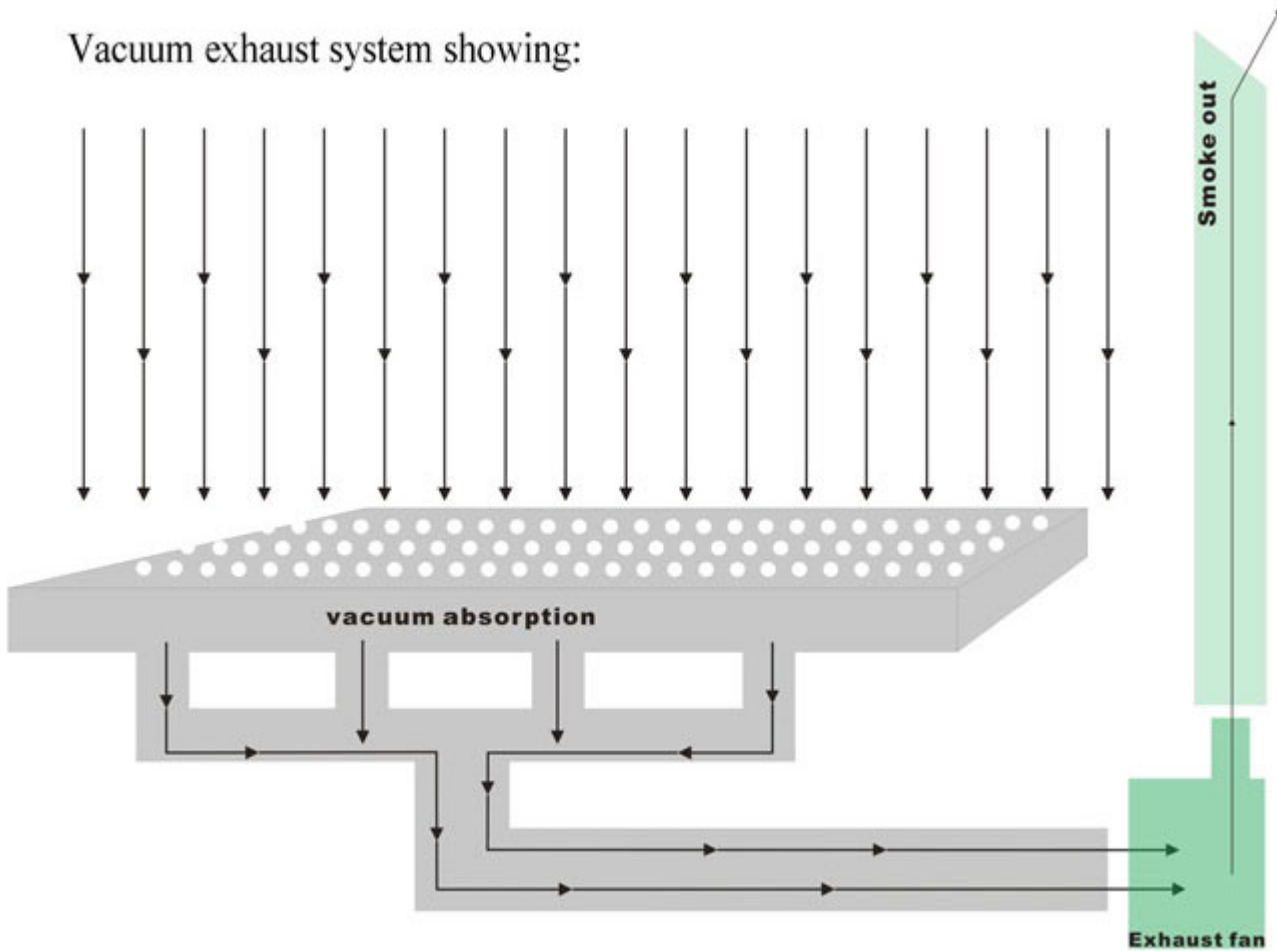
In the process of cutting balloon material showing:



After cutting balloon material showing:



Vacuum exhaust system showing:



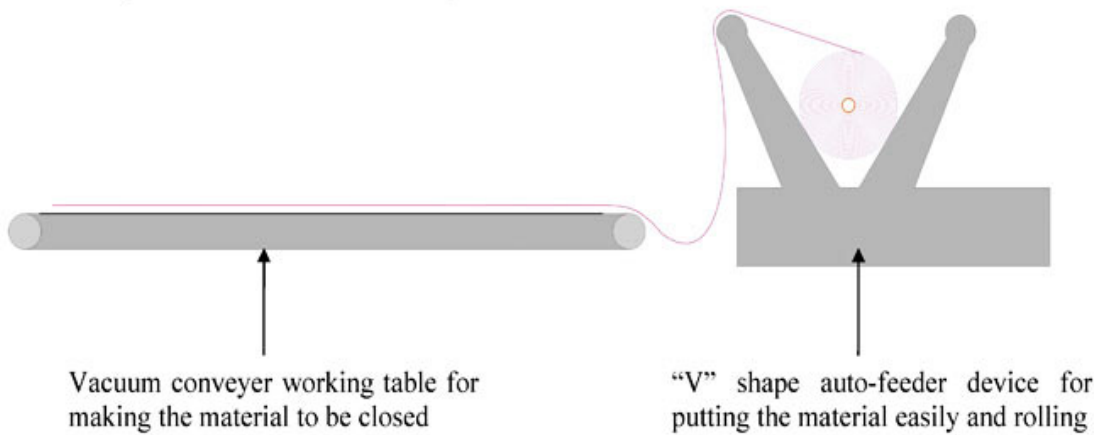
The vacuum absorption working table has the largest strength for absorb the material close to the table and to be flatted; exhaust system for taking away the smoke with pollution circumstance.

Optional device

Auto-feeder device: "V" shape auto-feeder for feeding the processing materials automatically. It is suitable for holding roller material, to feed the material onto the working table automatically to ensure the continuous and automatic cutting process.



“V” shape auto-feeder device showing:



Specifications

Model	LCM-LFB-320800
Maximum Cutting Area	3200mm x 8000mm (126" x 315")
Laser Power	130W CO2 glass laser as standard / 150W CO2 R. F. metal tube for choice (American RF metal laser source with different laser power will be selected to install for cutting different thickness or speed demand)
Working speed	0 - 48000mm / min
Control system	Nesting offline control, 5 inch display
Cooling mode	Water chiller cooling system
Power supply	AC220V ± 5% / 50Hz
Positioning Accuracy	+ / - 0.1mm
Software Support File	BMP, AI, PLT, DST, DXF

It adopts vacuum conveyer working table, auto - feeder for choice to feeding the material continuous cutting;
 It selects servo controlling motor for large area cutting smoothly. The speed is 0 - 48000mm / min;
 Following laser power adjustment when curve or arch design processed, ensure the same result under the condition of shift gears;
 It has upper exhaust system, and bottom vacuum exhaust absorption to ensure the material is very flat with the table;
 The cooling recycle system is selected water chiller for cooling the laser source and ensures the machine working efficiently;
 The software support format is compatible with BMP, AI, PLT, DST, and DXF. Combined with CAD typeset designs and output in time.

Tags

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