

FOSTER LASER

DIE BOARD CO2 LASER CUTTING MACHINE

300W 600W 18mm Plywood Die Board
CO2 Laser Cutting Machine



MACHINE INTRODUCTION

FST
LASER

Professional Co2 Laser Cutting Machine For Die Making is mainly used in 20-25mm die board cutting.



MDF



Wood



Bamboo



Plywood



Acrylic



Plastic



PVC board

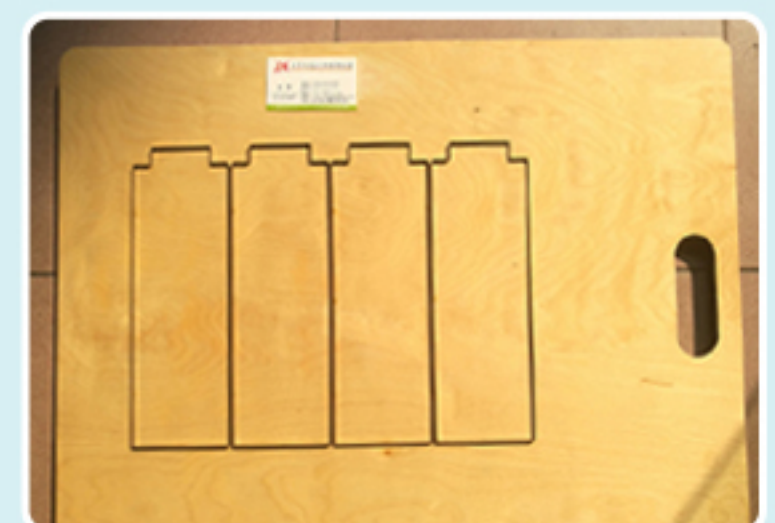
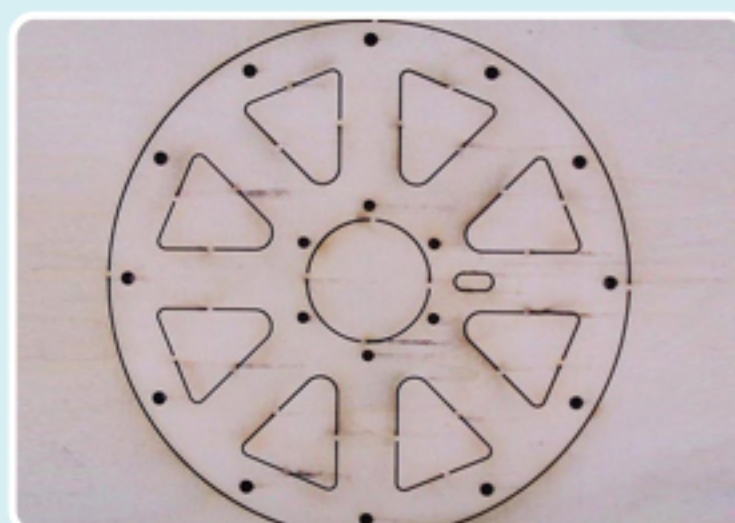
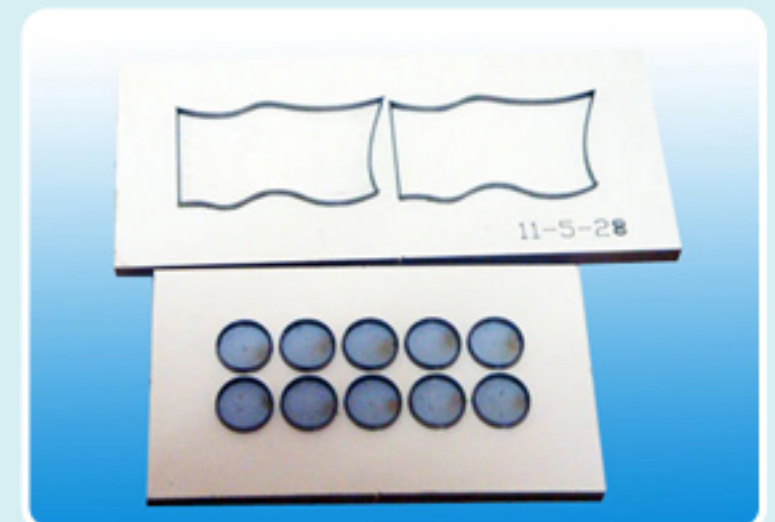
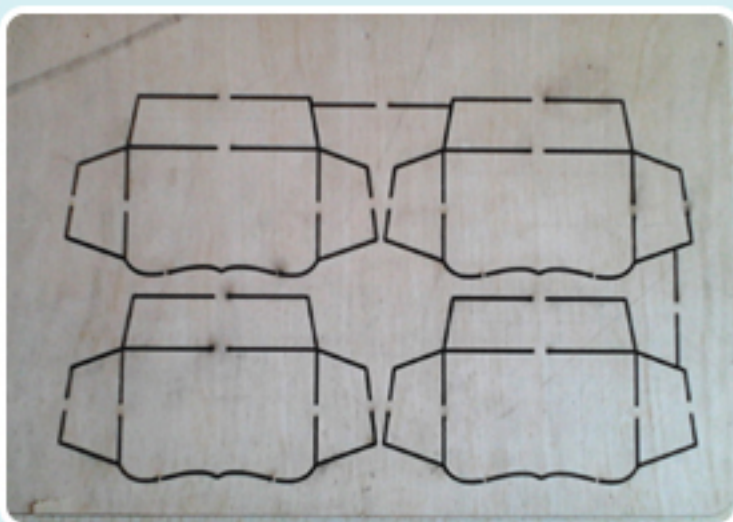


etc.

APPLICATION INDUSTRY

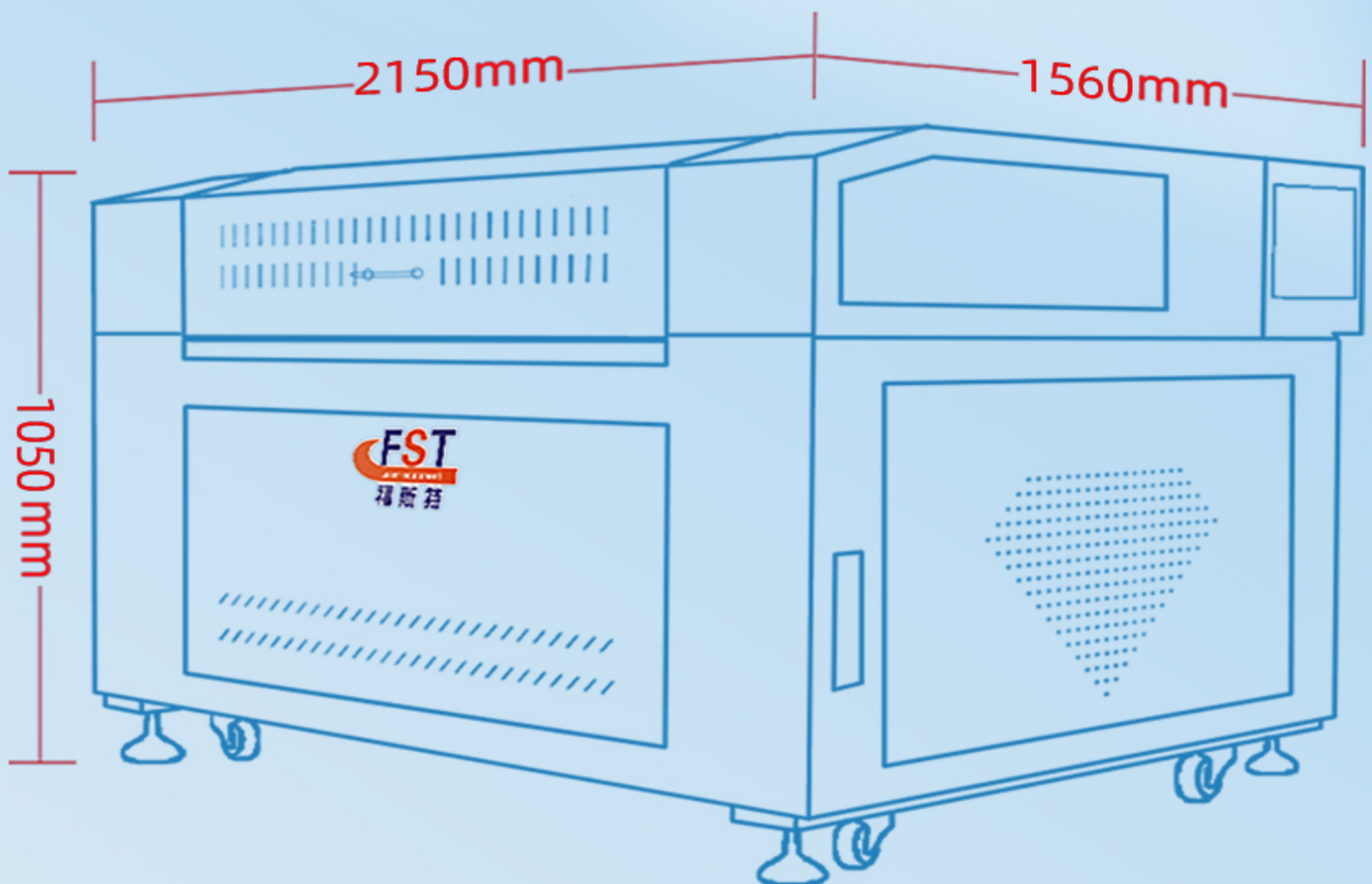
APPLICABLE MATERIALS	CUTTING THICKNESS
Die board , Wooden plate , MDF , Bamboo ...	20-25mm
Acrylic sheet , Plexiglas ...	10-25mm

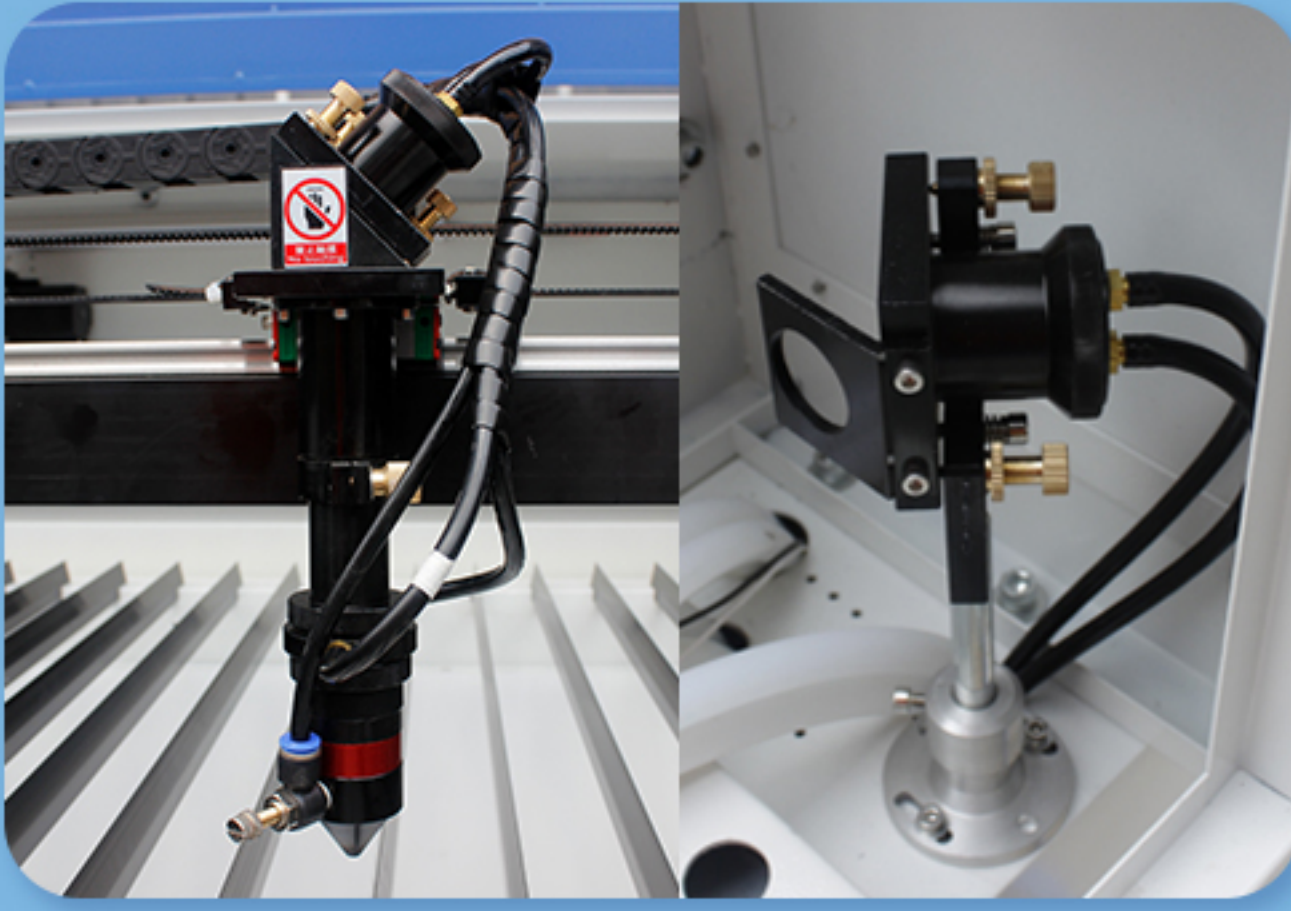
Professional Co2 Laser Cutting Machine For Die Making is specialized in cutting die board up to 20mm-25mm, with high efficiency, excellent quality, low maintenance and low running cost, widely applicable for packaging, advertising Industry.



SELLING POINT

- 1, China's famous co2 laser tube, can choose 150W 180W 300W 600W
- 2, The reflector lens, focusing lens, laser head and laser tube are all water-cooled and can work stably for long time working.
- 3, Taiwan PIM or HIWIN linear guideway
- 4, Advanced configuration: Ruida 6445 control system, Leadshine drive, famous brand laser power supply, etc.
- 5, The thickness of 15MM, 18MM, 20MM, 25MM die-board can be cut arbitrary width by the plywood cutting machine, such as 0.45, 0.71, 1.05, 1.42 etc. Kerf uniform, consistent from top to bottom seam. Once turned on, the machine can work without waiting time.
- 6, The wooden die board laser cutting directly with compressed air, and the plywood cutting machine doesn't need to buy any other inactive gas, greatly lowered the users operation cost.
- 7, Easy Operation, optional upgrade to metal and nonmetal laser cutting machine, can use oxygen cutting stainless steel .





...

WATER COOLED LASER HEAD MIRROR LENS

DIE BOARD CO2 LASER CUTTING MACHINE

...

CO2 GLASS SEALED LASER TUBE (JOYLASER)

DIE BOARD CO2 LASER CUTTING MACHINE

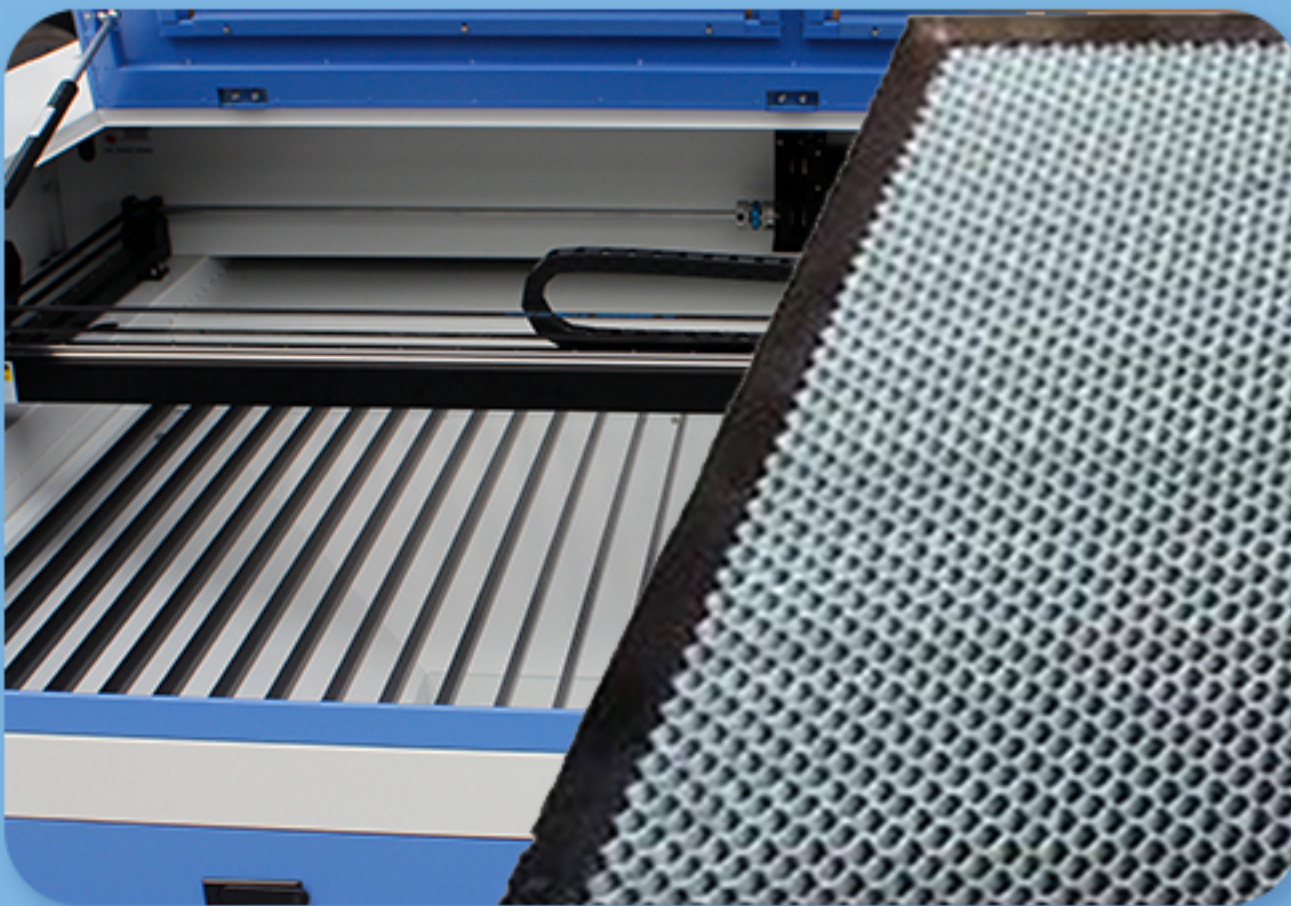


...

WORK AREA

ALUMINUM KNIFE /
HONEYCOMB WORKTABLE

DIE BOARD CO2 LASER CUTTING MACHINE



...

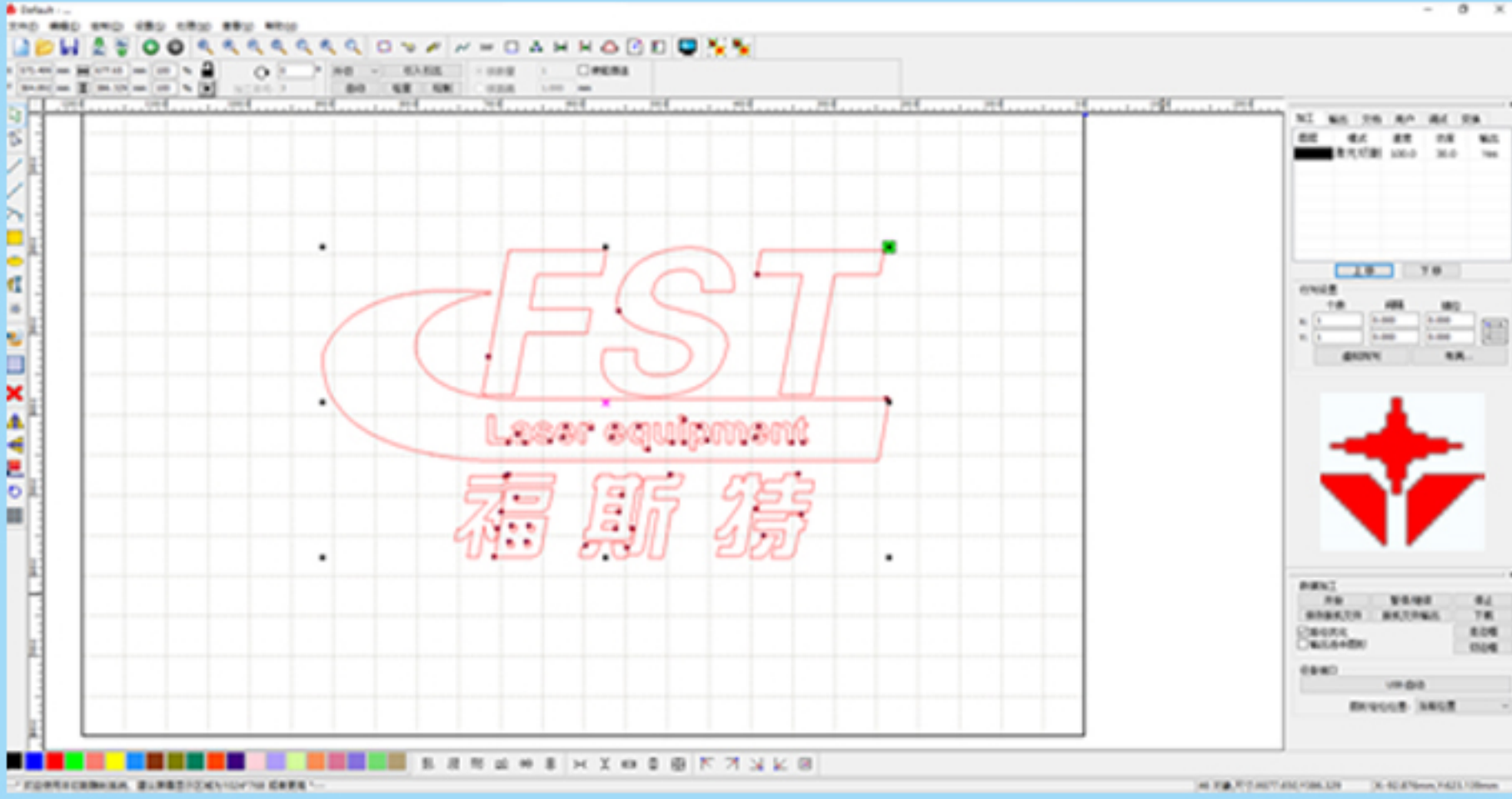
RUIDA 6445G CONTROL SYSTEM

DIE BOARD CO2 LASER CUTTING MACHINE



SOFTWARE

Software and Supported software plug ins



LightBurn



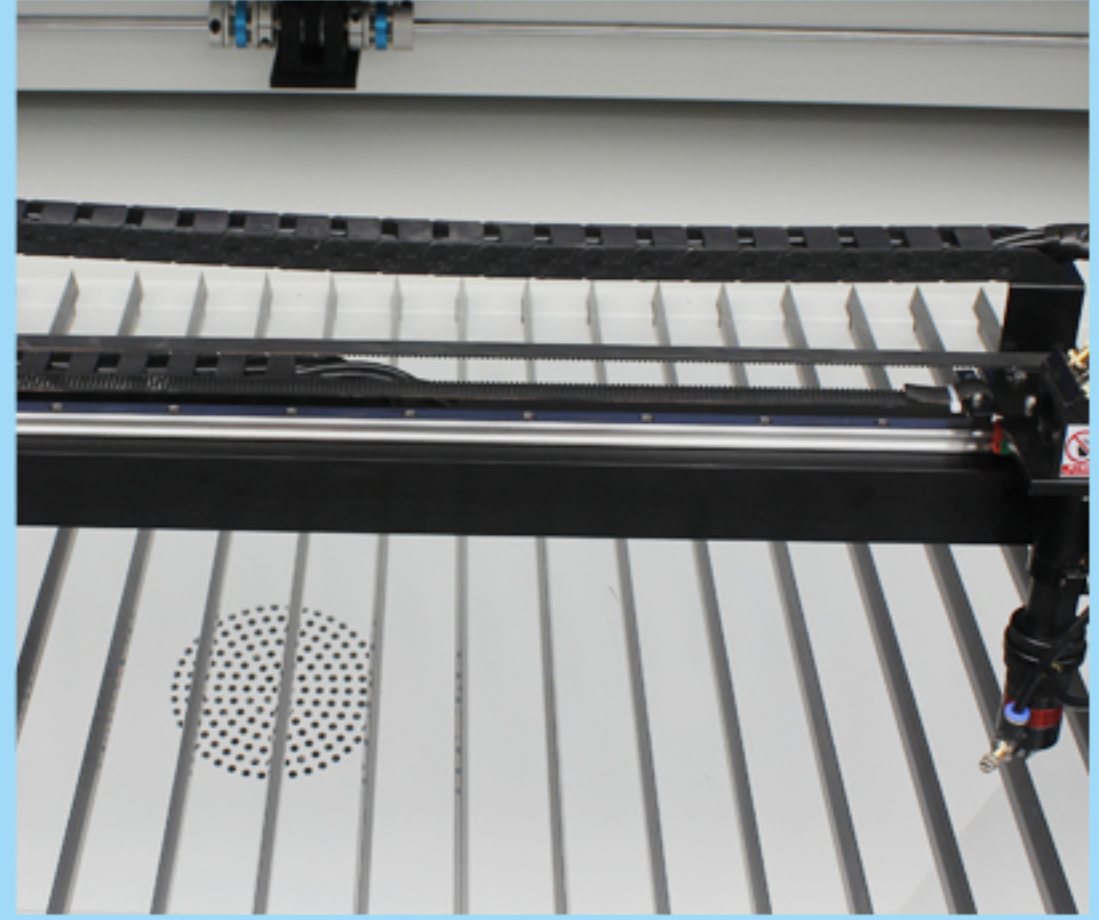
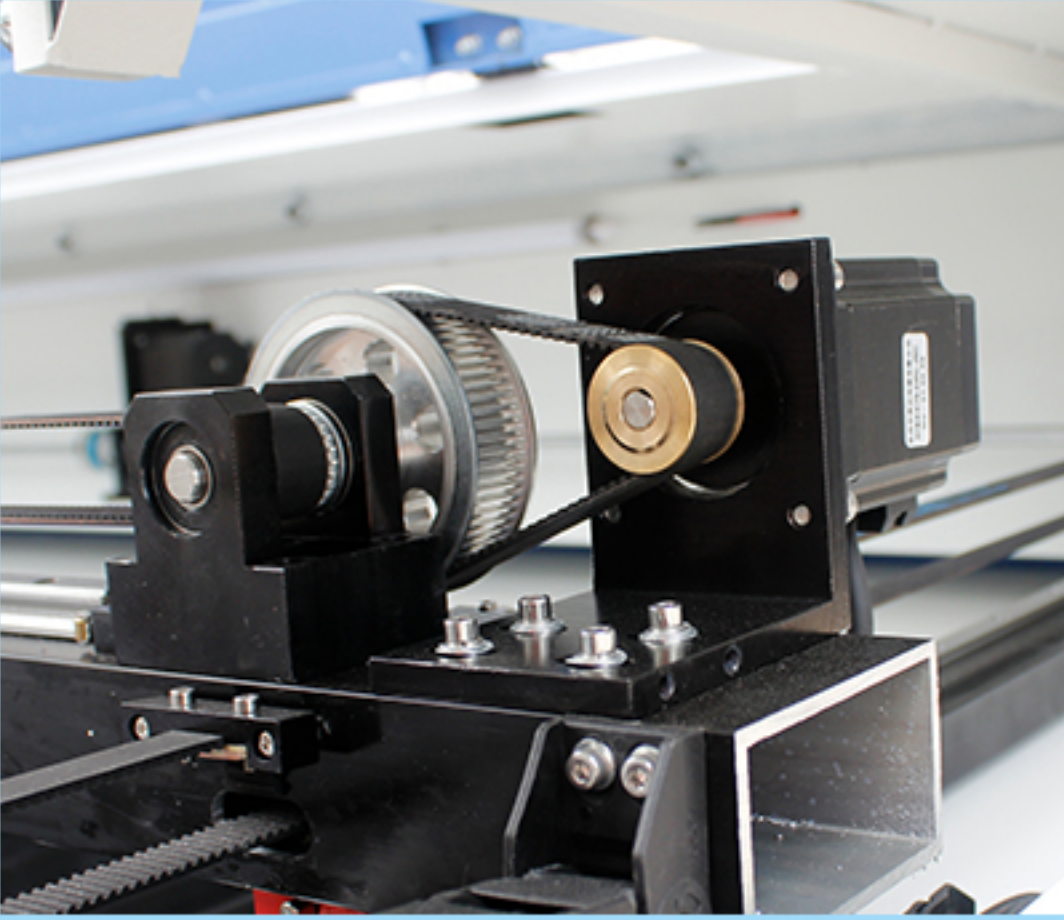
AutoCAD



CorelDRAW

GUIDE RAIL, BELT, MOTOR

Chinese famous brand



PARAMETER

Model	FST-1610
Worktable	honeycomb or aluminum knife
Engraving area	1600*1000mm
Laser Power	300w/600w
Engraving Speed	0-60000mm/min
Engraving Depth	5mm
Cutting Speed	0-5000mm/min
Cutting Depth (Acrylic)	0-30mm (acrylic)
Up and down worktable	Up and down 550mm adjustable
Minimum Shaping Character	1 X 1mm
Resolution Ratio	0.0254mm (1000dpi)
Power Supply	220V(or110V)+/-10% 50Hz
Resetting Positioning	Accuracy less than or equal to 0.01mm
Water protecting sensor and alarm	Yes
Operating Temperature	0-45°C
Operating Humidity	35-70°C
Graphic Format Supported	PLT/DXF/BMP/JPG/GIF/PGN/TIF
Operation System	Windows XP/VISTA/Windows 7/8/10
Software	RDWorks/LaserCAD/AotuCAD
Control Configuration	DSP
Water Cooling(Yes/No)	Yes
Maximum Height Of Materials To Engrave(mm)	120mm
Laser Tube	Sealed CO2 glass laser tube
Machine Dimension	2150x1560x1050(mm)
Packing Dimension	2270x1700x1240mm
Gross Weight	500kg

PRODUCT ACCESSORIES



S&A Water chiller



Exhaust fan



Air pump



Tool box



User manual



CD or U disk



Data Line + Power Cord



Focal length ruler

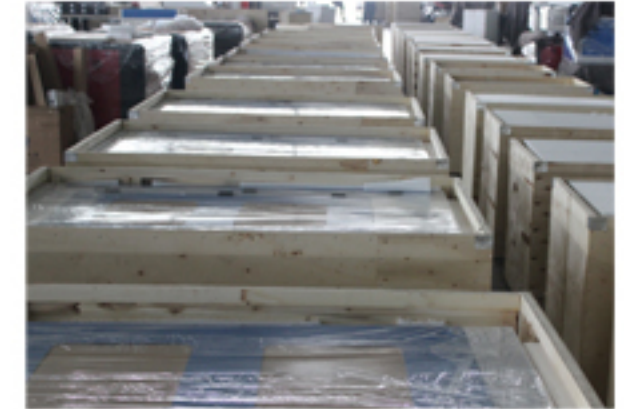
DELIVERY PROCESS



Machine cleaning and
Protective oil processing



Wrapping with
protective film



Wooden box sealing



Forklift moving goods



container loading



Container Sealing
and Transportation