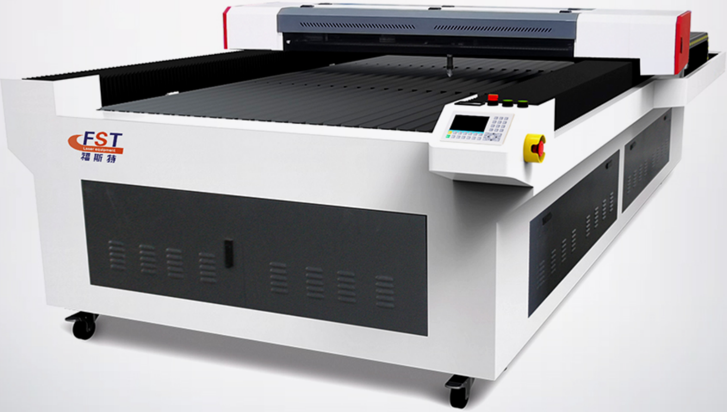
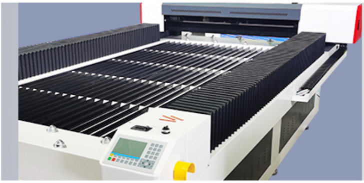
1325 CO2 LASER CUTTING MACHINE WITH DUST COVER

LIAOCHENG FOSTER LASER SCIENCE & TECHNOLOGY CO., LTD.

MADE IN CHINA



DESIGN ADVANTAGES



Designed with dust cover

safe, beautiful, clean, and protect the guide rail and belt.

Adopt Belt Transmission Method

Use Chinese Famous Fujian “ONK” Brand. Transmission Belt Contains Metal Maerial Inside, Never Loosen, Anti-fire, Long Life Time.

杰美康机电
JUST MOTION CONTROL

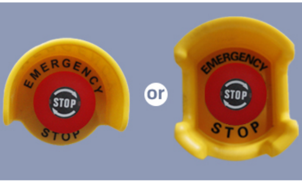
雷赛智能
Leadshine

High Speed Stepper Subdivision Driver Control System

Adopt Chinese Top Brand " Leadshine" or "JUST MOTION CONTROL" Step Motor and Driving System. Little error , repetition high precision.

New type Emergency stop button

New type Emergency stop button, high quality, high safety.



DETAILED PARAMETER

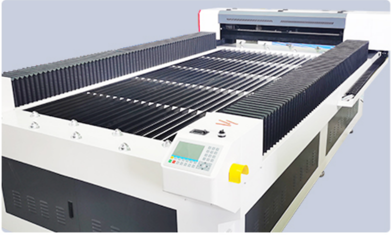
Model	FST-1325 with dust cover
Worktable	Honeycomb or Aluminum knife
Engraving area	2500*1300mm
Laser Power	60W/80W/100W/150W/180W/200W/300W
Engraving Speed	0-1200mm/s

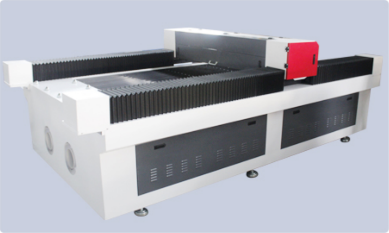
Cutting Speed	0-500mm/s
Cutting Depth (Acrylic)	0-30mm
Resetting positioning accuracy	<0.01mm
Minimum Shaping Character	1*1mm
Power Supply	220V(or110V)+/-10% 50Hz
Software	Indirect output : ArtCut, Photoshop
	Direct output :CorelDraw, AutoCAD, Lasercut, Laserwork, LaserCAD, RDworks
Operation System	Windows XP/VISTA/Win 7/Win 10
Cooling System	Water Cooling and protection system
Control system	DSP System
Operating Temperature	0-45℃
Operating Humidity	35-70
Gross Weight	1100kg

MACHINE DETAILS

THICKEN MACHINE BED

Adopt Thicken machine bed, heavy loading, not easy to get distort.



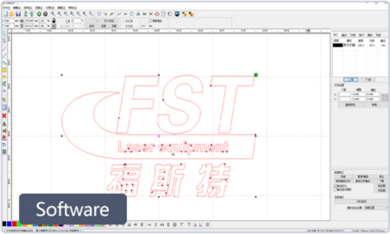


CO2 GLASS SEALED LASER TUBE

China famous brand (EFR, RECI), good beam mode stability, long service time.

CONTROL SYSTEM

Ruida Controller system, support USB online/offline working, English language system, adjustable cutting speed and power.



Coreldraw

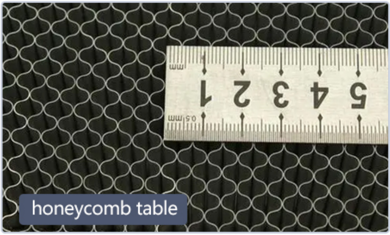
CAD

Support software

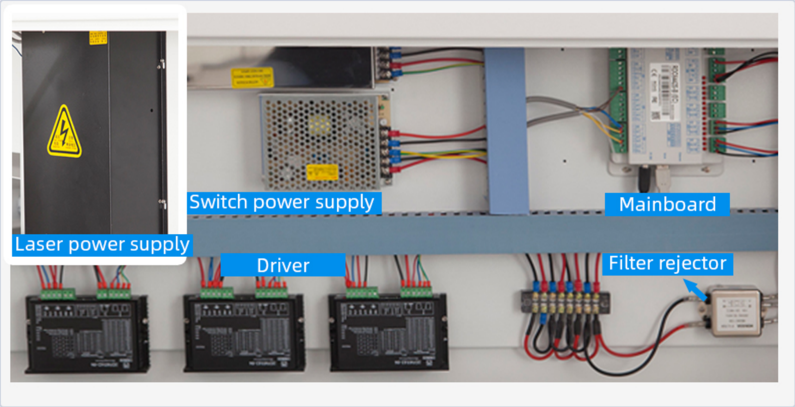
WORKING PLATFORM

Two kinds of tables are available for different materials.

Aluminum knife

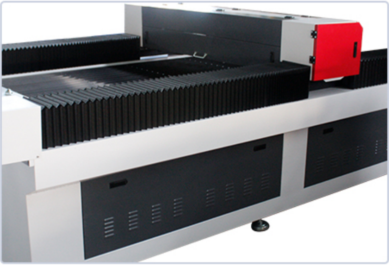


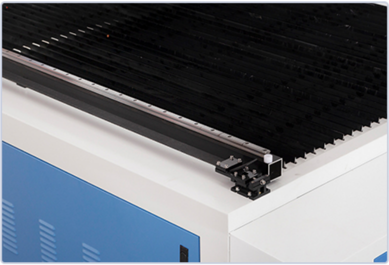
ELECTRIC CONTROL SYSTEM



DUST COVER, BELT AND GUIDE RAIL

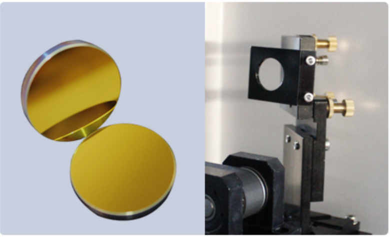
Dust cover: lower noise volume, High accuracy and long life span.
Taiwan Hiwin/PMI Linear square guide rails, higher precision.





USA II-VI LENS AND REFLECTOR

II-VI
INFRARED
Laser Component



CW-5000
INDUSTRIAL CHILLER
S&A

WATER CHILLER

High Power Water cooling system. Cw3000, cw5000 or cw6000 series chillers are available.

EXHAUSTING SYSTEM

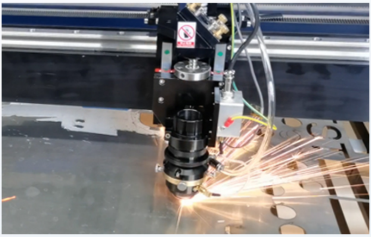
No dust, No smell, Air-proof

BALL AUTO-FEEDING DESIGN

Ball Auto-feeding Design,
Labor saving and convenient.

OPTIONAL UPGRADE CONFIGURATION

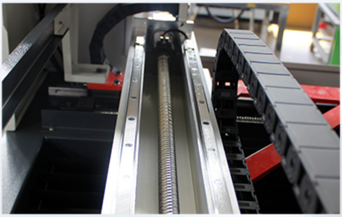
1，Can be upgraded to CO2 Laser metal and nonmetal cutting function:



Using oxygen assisted, 150w-300w CO2 laser tube can be to cut 0-3mm stainless steel plate.
Dynamic Auto-focus Metal Sheet Laser Cutting Head: When the metal sheet is not plain, the dynamic focus laser cutting head can adjust the focusing distance automatically. Realize the accuracy of cutting effect.

2，X-axis can be upgraded to Taiwan Imported Ball Screw Transmission Rod

Speed is faster, Precision is higher.



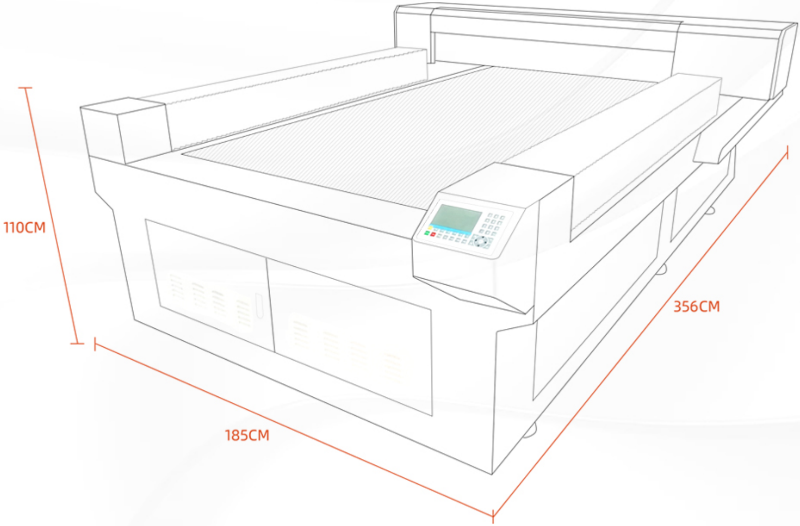
3， Can be upgraded to Japan imported servo motor

Extreme Precise Positioning, Operate Smoothly

Pure Air
Fume Extractor
Pure Air
Fume Extractor

4，Smoke purifier (optional)

Extract smoke dust , smell . oil andclean the air to avoid pollute theenvironment .



PRODUCT APPLICATION

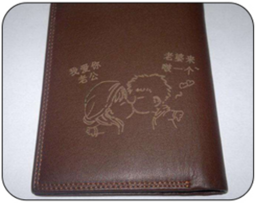
APPLICABLE INDUSTRIES:

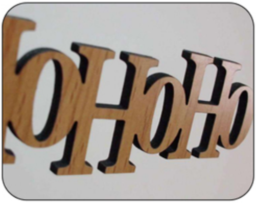
Model industry (construction models, aviation and navigation models and wooden toys), advertisement,decoration, arts and crafts, electronic and electric appliances, garment industry fabric leather cut, etc.

WORKING MATERIALS:

Nonmetal materials such as acrylic, MDF, wood planks (light planks, paulownia wood), bamboo ware, double color sheets, paper, leather, shells, coconut shells, ox horns, resin, animal grease, ABS boards, lampshade, etc.

BOSS
HUGO BOSS





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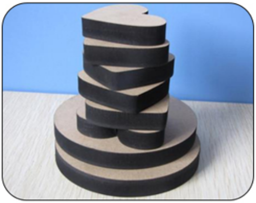


ROLEX
Design
Excellence
Award

PRODUCT ACESSORIES

S&A Water chiller

Exhaust fan

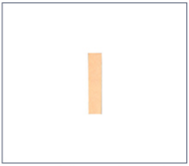
Air pump

Tool box

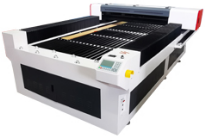
User manual

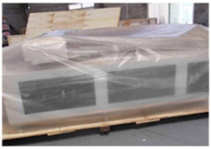
CD or U disk

Data Line + Power Cord


Focal length ruler

PACKAGING SHIPPING


Machine cleaning and
Protective oil processing


Wrapping with
protective film

Wooden box sealing

Forklift moving goods

container loading

Container Sealing
and Transportation

Our certificate

Foster Laser Technology Co., Ltd.

CERTIFICATE

CERTIFICATE OF CONFORMITY

Certificate of Conformity

RoHS

STANDARD

质量管理体系认证证书

聊城市福斯特激光科技有限公司

GB/T19001-2008 idt ISO9001:2008

QUALITY MANAGEMENT SYSTEM CERTIFICATE

This is to certify that

Liaocheng Foster Laser Science&Technology Co., Ltd

Which is in conformity with

GB/T19001-2008 idt ISO9001:2008

Scope of Certification

Production of laser engraving machine

STANDARD

检验报告

TEST REPORT