

ESTIMATE No.:

Los Angeles,

Client:		Contact:	
Telephone:		C e l l - Phone:	
E-mail:		Fax:	
Address:		Zip Code:	
City, State:		Country:	

Kaitian - Model: Engraving & Cutting Laser System CM1309SH – 1 Head

One (01) KT Laser tube - 130 Watts



Large worktable (51" x 35" x 10") and rear pass-thru allows easy the loading of materials such as bulk rolls or full 4' x 8' or 4'x10' sheets.

USEFUL LIFE OF OUR LASER MACHINE:

Cutting and engraving laser systems - The best warranty system - The nearest and fastest technical services & spare parts

The high quality, RELIABILITY AND PROFITABILITY of our CM1309SH is supported by our Research and Development Department with more than 30 expert engineers, masters and doctors in physics and electronic sciences of the laser technology and manufactured in accordance with the programs QB/T1700-2001 and ISO9001: 2000.

LASERABLE MATERIALS					
MATERIALS	CUT	ENGRAVE	MATERIALS	CUT	ENGRAVE
PAPER	✓	✓	MYLAR	✓	✓
CARDBOARD	✓	✓	PLASTIC	✓	✓
PRESSBOARD	✓	✓	SILICON WRISTBANDS/BRACELETS	✓	✓
FOAMBOARD	✓	✓	RUBBER (Gum elastic or India rubber)	✓	✓
CORK	✓	✓	DELFIN	✓	✓
MATTEBOARD	✓	✓	ACRYLIC	✓	✓
MDF (Pressed cardboard)	✓	✓	CORIAN	✓	✓
TEMPERED HARDBOARD	✓	✓	MELAMINE	✓	✓
PLYWOOD (Pressed Wood)	✓	✓	FIBERGLASS	✓	✓
WOOD VENEER	✓	✓	GLASS (TEMPERED) AND CRYSTAL		✓
WOOD	✓	✓	CERAMICS		✓
FABRIC, DENIM	✓	✓	MARBLE, ONIX and STONES		✓
FELT, TACKLE TWILL	✓	✓	TILE		✓
COTTON FABRIC AND MIXED FIBERS	✓	✓	PAINTED METALS		✓
FABRIC WITH THICK SYNTHETIC FIBERS	✓	✓	COATED METALS		✓
LYCRA AND OTHER SYNTHETIC FABRICS	✓	✓	ANODIZED ALUMINUM		✓
NATURAL AND SYNTHETIC LEATHER	✓	✓	BARE METALS		✓
SUEDE, FLEECE	✓	✓			

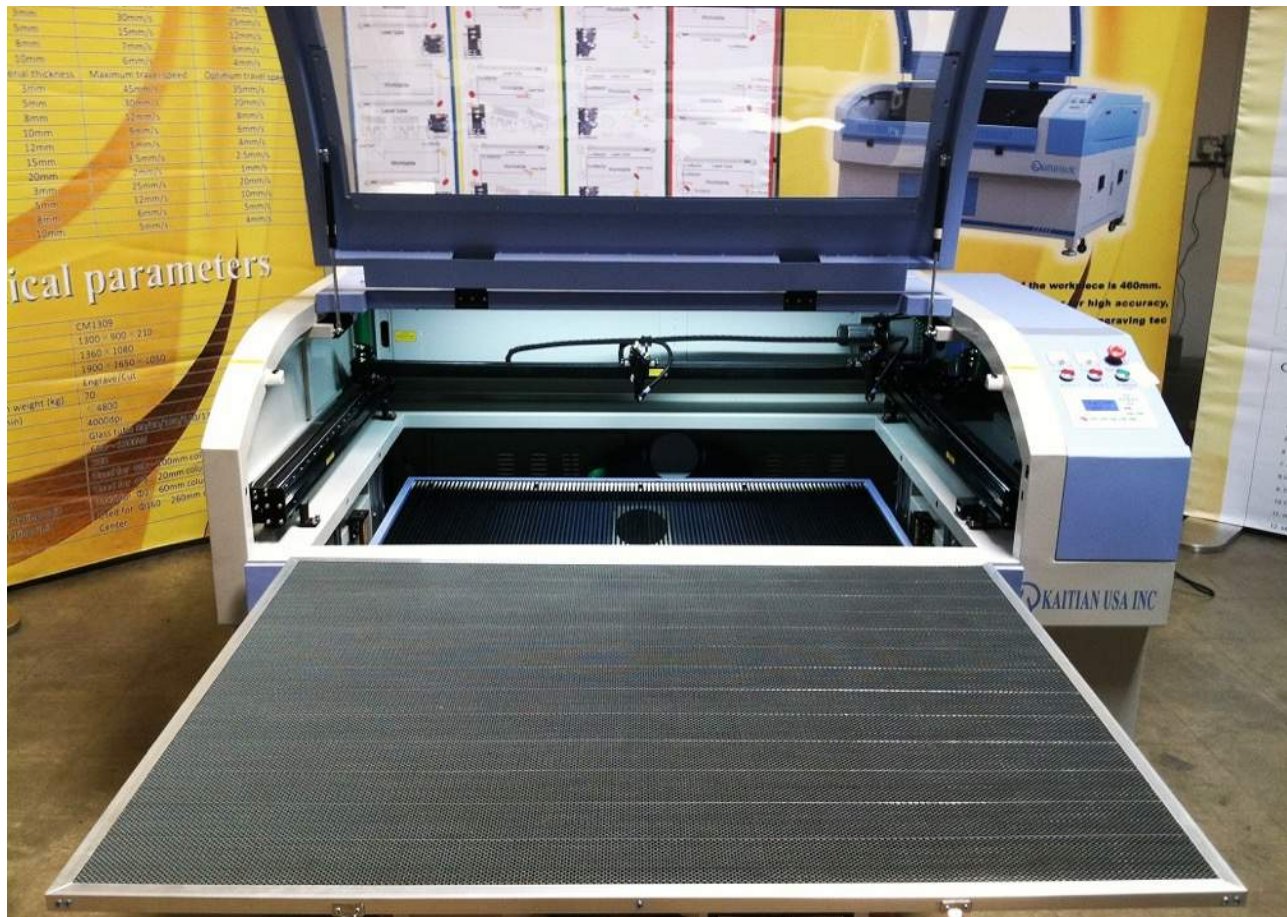
GENERAL TECHNICAL FEATURES	
Engraving speed	0-42 (inches/seg) depending the material to engrave.
Cutting speed	0-23 (inches/seg) depending the material to cut.
Cutting thickness	3/4 Inches or more (0-25 mm) depending the material to cut, and the the power and laser lens.
Resolution	Up to 4000 DPI (the regular use is between 600DPI y 2000DPI).
Minimum Configuration	Characters 0.07 x 0.07 Inches and letters 0.039 x 0.039 Inches (2 x 2 mm. and letters 1 x 1 mm)
Precision tolerance	0.00039 Inches (0.01 mm)
Operating Temperature	40°F - 113°F (0°C - 45°C)
Operating Humidity	5% - 95% without water condensation
Power Consumption	1,250 Watts
Voltage	220 Volts 50 / 60 Hz
Port	USB 2.0

KAITIAN LASER MACHINE - MODEL CM1309SH - 130W KT, includes:

1. THE MOST PROFITABLE WORK AREA:

Two worktable sets 51" x 35" x 10": (1) honeycomb to cut thinnest material (fabric, paper, etc.) and (1) Stripped to cut hard and inflammable materials (acrylic, wood, foam, etc.) and getting the cleanest edge cut. The Up/Down work table can fit pieces of 10" deep. Also, you can remove both worktable and reaching 20" deep. It is powered by two motor Up/Down worktable with speed control, it can load 200 pound.

The best price in the market: \$7.84 per square inch and \$0.78 per cubic inch.



AREA: Effective work area: **51 x 35 x 10 inches.**

2. ONE LASER TUBE:

Laser tube 130W RC-KT: Real power to cut until 1 -1/8" (30 mm.) thick acrylic - more than any other laser machine - and taking in advantage the high speed of servo motors, you can get the double of production than other laser machines of One head.

Our laser tube 130W RC-KT is manufactured by us and our technology to get until 10,000 working hours and the replacement is just \$1,200.00; this means you are paying just \$0.92 per Kilowatts by hour, better than any other.

Emits a perfect laser beam. Easier alignment system, the laser tube lies up on stable and adjustable stands.

Protection system to avoid sparks... better than others.

The best price in the market: \$0.92 per Kilowatts - hour



3. ONE LASER HEAD:

Efficient transmission laser beam system: The perfect laser beam comes from the laser tube... the silicon mirrors reflect the 99% of the power and the American laser lens doesn't absorb power, allows the pass of energy focused in the point of work.



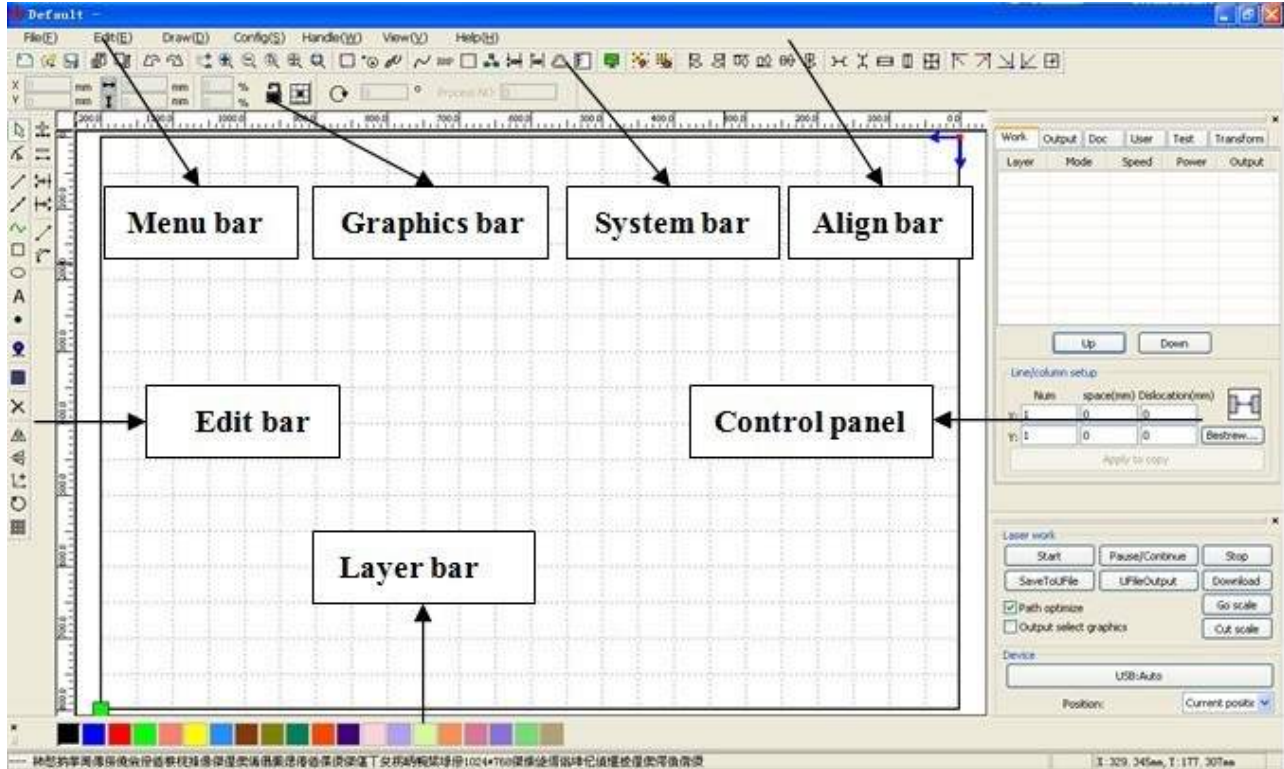
4. SOFTWARE AND WORKING CONTROL:

Cutting and engraving laser systems - The best warranty system - The nearest and fastest technical services & spare parts

The CM1309SH communicates via its USB 2.0 port to a computer and its control software. Similar to outputting to a printer, this makes it easy to manage various parameters such as power, speed and resolution in order to achieve the desired results. The controller software is included at no additional charge.

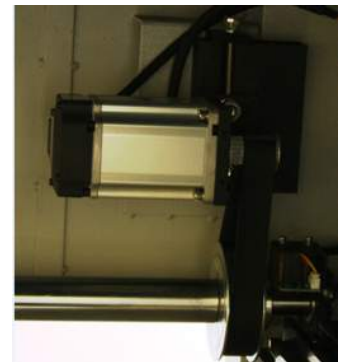
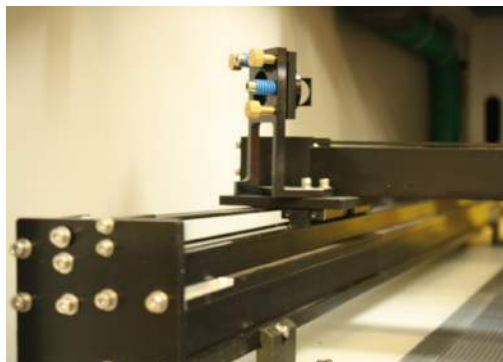
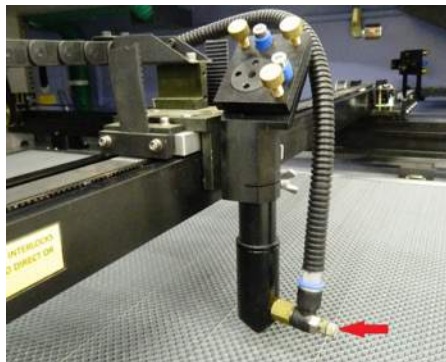
FORMATS SUPPORTED BY THE SOFTWARE:

It supports practically all standard graphic design formats: bmp, gif, jpg, pcx, cad, tga, tiff, plt, cdr, dmg, dxf and dst.



5. LASER HEAD X-Y-Z AXIS POSITIONING SYSTEM

Its Laser head positioning system is fast and extremely accurate thanks to its components. Its steel gantry rails and laser head movement system is made in Korea and its electronic controller motors are made in Japan.



6. **LENS:**

Our laser machine has a American optics system that optimizes the focus and efficient of the laser beam on materials, allowing it to produce fine cuts or deep engravings, depending on your requirements.

This laser lens doesn't absorb power and can last for more and more time than others.



7. **ELECTRONIC CHILLER INCLUDED:**

Highly efficient with only minimal maintenance, the included **ONE ELECTRONIC CHILLER** regulates and controls the laser tube temperature in the while in operation.



8. **EXHAUST BLOWER AND TUBE INCLUDED:**

Various materials release small amounts of fumes and gases in the engraving or cutting process. To extract these fumes and gases, our CM1309 comes equipped with one exhaust system and 12 feet (4 meters) of adjustable ventilation duct tubing to be installed when the machine is being operated inside a small and enclosed area.



9. **AIR ASSIST SYSTEM:**

This equipment comes equipped with one air compressors fix inside of machine to feed the air assist system to clear smoke & debris from the work area, cool and protect the Laser Head focusing lens, diminish the amount of flaming, scorching, charring from the work piece, and reduce the chances of ignition when it is working with flammable materials.



10. EMERGENCY STOP BUTTON AND SAFETY SENSORS:

An easy-to-use multilingual LCD Control Panel is incorporated as well as Potentiometers to regulate the laser tubes output, laser beam activator button.

Our laser machines are equipped with security sensors and safety features disabling the equipment in case of inappropriate use or unsafe operational conditions, as well as the ability for the machine operator to IMMEDIATELY and completely shut down the entire machine in the event such a situation or circumstances arise.



WEIGHT AND MEASURES:

KAITIAN LASER-CM1309-130W	PLYWOOD CRATE (GROSS MEASURES)		UNCREATED (NET MEASURES)	
DESCRIPTION	MEASURE	WEIGHT (LB)	MEASURE	WEIGHT (LB)
Cutting and Engraving Laser System Machine	L:82" x W: 74" x H: 50"	1200	L:75" x W: 67" x H: 42"	950
CM1309/ One laser Tube 130W-KT-RC				

OPERATION MANUAL:

A complete Operation E-Manual is included. It contains clear explanations of the Installation process and the usage of the software, the control panel and other features.

WARRANTY:

Mechanical and electronic components: 2 year against manufacturing defects. Parts and components damaged due to improper usage and operation of the equipment are not covered under warranty. The complete warranty shall be available once the customer has accepted and received the training program and the purchase agreements are signed by the customer.

CO2 laser tube: 6 months against manufacturing defects. Laser optical components are considered consumables and are therefore not covered during the warranty period. The voltage regulator installed in this equipment is a consumable part is not included in the guarantee.

In order to ensure the customer experience the best performance of the equipment and the complete warranty policy of our company, we urge following the instructions on the Safety Notice in the Operation Manual and follow the instructions of our technician on the installation of the laser machine. Failure to do so may render the warranty null and void.

INSTALLATION AND TRAINING: Technical support is offered via telephone, e-mail and other means. Instruction of installation will be written (emailed). A video with the installation of the Laser Machine is available. Until 8 hours of training (2 days of 4 hours) in the Installation Maintenance & Operation of the Laser Machine, as well as the included software is available Free of charge in our premises in Los Angeles, California.

The laser machine can be set up for the customer before it is shipped, leaving only a few minor installation steps and alignments adjustments which can to be done with the assistance of our technicians via phone call. **Optional On-Site Installation and Training** by our Tech Support Engineer is available at the rate of **\$1000.00 for 2-Days (8 Hrs/Day)** plus the cost of Rounded Airfare, Hotel, Transportation, Meals, and other related miscellaneous expenses at the customer’s request.

TECHNICAL SERVICE AND PARTS:

To make sure the CM1309 never stops running, in the unlikely event that your equipment needs technical service, we have an extensive inventory of spares parts as well as technical support at our United States office ready to serve the customer upon request.

DELIVERY: Subject to the Terms of contract and payment, the cost of delivery to the customer’s premises would be **\$500.00**, once the purchase order is issued.

For any additional questions please do not hesitate to take contact us. We will do our best to provide any support.

Price:

Cordially,

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KAITIAN USA INC

MACHINE PRICE LIST (NOV 5)							
Model	Laser Tubes		Motor		Working Area (inches)	Show Price	Price
	Power	Units	Servo	Step			
CM1309DH	130W	2	√		51*35*10		\$16,500
CM1309DH	130W	2		√	51*35*10		\$15,000
CM1309SH	130W	1	√		51*35*10		\$14,000
CM1309SH	130W	1		√	51*35*10		\$12,500
BF1610DH	100W	2	√		63*39		\$15,000
BF1610DH	130W	2	√		63*39		\$17,000

*DH is short for dual heads, SH is short for single head.