SHANGHAI KASU LASER

SHANGHAI KASU INTELLIGENT TECHNOLOGY CO., LTD.

GLOBAL SERVICE NETWORK

VIETNAM	THAILAND	MYANMAR	CAMBODIA	BANGLADESH
PAKISTAN	KOREA	CHINA TAIWAN	INDONESIA	MALAYSIA
ARGENTINA	BRAZIL	MEXICO	SOUTH AFRICA	TURKEY

HEADQUARTERS:
NO.685,HUISHAN ROAD,JIADING DISTRICT,SHANGHAI,CHINA

TEL:
86-18601718317

FAX:
86-21-3332 1034

E-mail:
SALES@KASULASER.COM

WEB:
HTTP://WWW.KASULASER.COM

SHANGHAI KASU LASER

PROFESSIONAL LASER CUTTER & SOFTWARE SUPPLIER

SHANGHAI KASU INTELLIGENT TECHNOLOGY CO., LTD.

SHANGHAI
KASU LASER

TECHNOLOGY TO LEAD THE MARKET
SERVICE TO WIN THE REPUTATION

COMPANY INTRODUCTION

Shanghai KASU Intelligent Technology Co., Ltd. was established in 2009, is a professional state-level high-tech enterprise who specializes in the research and development, production and sales of laser equipment and software.

Our company owns 5000 square meters of modern factory, 30 sets of precision machinery, processing equipment and more than 200 professional skills of highly qualified staff, more than 40 people who have master's degree diploma or above senior R&D personnel. Since the establishment of our company, a number of products obtain invention patents, utility model patents, software copyrights and other intellectual property rights, the

European CE certification and the United States FDA certification. Our company has after-sales service centers in professional markets.

Shanghai KASU Intelligent Technology Co., Ltd. has always been adhering to the business philosophy of "Technology To Lead The Market, Service To Win The Reputation", and revitalize the Chinese nation's laser industry. We look forward to joinning hands with you to create a better future.

CREATIVITY

VITALITY

PROSPERITY

HONOR

· CHINESE HIGH-TECH ENTERPRISE ·   · CERTIFICATION ·   · SHANGHAI SOFTWARE ENTERPRISE ·

KASU LASER TEAM ALBUM

PRODUCT CONTENTS

PRODUCT CONTENTS

DOUBLE ASYNCHRONOUS LASER

Cutting Heads, Double X Axis , Working Separately at The Same Time .
The Machine with Future Tech , Brings You More Profit !

Cutting efficiency doubled ,
save more labor cost

High accuracy cutting for
material beyond format

Support more typesetting method ,
save more material

Applicated in more industries ,
meet multi-needs

MODEL	DETECTING AREA	NET WEIGHT	DIMENSION
KD1012-SY2	1000*1200	650KG	1710*2230*1880
KD1612-SY2	1600*1000	750KG	2210*2310*2550
KD1812-SY2	1800*1200	800KG	2410*2200*2500
KD1814-SY2	1800*1300	850KG	2410*2400*2500
KD1816-SY2	1800*1450	900KG	2410*2600*2500
KD1820-SY2	1800*1800	1000KG	2410*3000*2500
LASER POWER: 80W、100W、130W、150W			
UNIT: MM			

VS

VS

Comparing with ordinary single head vision laser cutting
machine , the cutting efficiency improved by 80% and more

Comparing with ordinary single head laser cutter , splicingcutting can be
realized , the cutting efficiency improved by 80% and more

APPLICATIONS:
DIGITAL PRINTING / LACES / EMBROIDERY / CURTAINS / TENNIS / SHOES / CLOTHING / LUGGAGE AND BAG / CAR SEAT / SOFA / CUSHION

KASU LARGE VISION LASER CUTTER

1 CUTTER = 5 WORKERS — TRADITIONAL CUTTING METHOD

TRADITIONAL PRINTING METHOD

TRADITIONAL CUTTING METHOD

AFTER APPLYING KASU LASER

1 FEEDING FABRIC → 2 TAKING PICTURE & RECOGNIZING CUTTING LINE → 3 CUTTING → 4 SORTING PIECES OUT

TIPS 2MM WIDE BLACK CUTTING LINE PRINTED & 3MM DISTANCE BETWEEN PIECES

PRODUCT ADVANTAGES

- Automatically recognize the distorted outline;
- Intelligently handling distorted image;
- Super High recognition precision ≦ 1mm
- One–time shot of 1.8M*1.38M range;
- Smooth cutting edge, enhanced product quality;
- Friendly interface, aged operator can handle

LESS THAN 3 MONTHS' ROI!

SAVING $215 PER DAY **US$215**

SAVING $ 61540 PER YEAR!! **US$61540**

SAMPLE:

Who: A sportswear factory **Time Duration:** One day **Production Capacity:** 1,000 clothing, average 4,000 pieces

Material Usage: 800 meters **Working Time:** 10 hours **Salary:** US$23.00/person/day

SAVING MANPOWER UP TO US$140

Comparation Item	Firstly Cut Then Print	Firstly Print Then Manual Cut	Firstly Print Then Laser Cut
Material	7 Workers	9 Workers	3 Workers
Salary	US$165.00	US$210.00	US$70.00

SAVING MATERIAL UP TO US$125

Comparation Item	Firstly Cut Then Print	Firstly Print Then Manual Cut	Firstly Print Then Laser Cut
Material Wastage Rate	5%	1%	1%
Re-production Material Cost	US$155.00	US$30.00	US$30.00

REMARKS
DATA 1：Laser Cutting Capacity: 50 Clothing/H; Manual Cutting Capacity: 13 Clothing/H.
DATA 2：300 working days;
DATA 3：Material Cost US$3.00/Meter, Printing Cost US$0.80/Meter.

PARAMETERS

- LASER HEAD：SINGLE/DOUBLE
- LASER GENERATOR : CO2 LASER TUBE
- LASER POWER：80W、100W 、130W、150W
- COOLING SYSTEM：AC CHILLER
- CUTTING DEEPNESS：≤10MM
- CUTTING SPEED：≤450MM/S
- POWER SUPPLY：AC220V ±5%/50HZ
- GROSS POWER：2000W
- NET WEIGHT：700KG~1000KG
- Graphic Format：AI、DST、P01、NC、PLT、DXF、etc.。

MODEL	DETECTING AREA(MM)	NET WEIGHT	DIMENSION(MM)
KD1612–S	1600*1200	700KG	2210*2310*2550
KD1810–S	1800*1000	700KG	2410*2000*2500
KD1812–S	1800*1200	750KG	2410*2200*2500
KD1814–S	1800*1350	800KG	2410*2400*2500
KD1816–S	1800*1600	850KG	2410*2600*2500
KD1820–S	1800*2000	950KG	2410*3000*2500

OVER HUNDREDS CLIENTS' CHOICES,AT WORKING SITE!

APPLICATION INDUSTRY

KASU VISION LASER CUTTING MACHINE FOR LABELS & EMBROIDERY

High precision laser cutting machine combined with advanced vision contour recognition system of KASU , to process distorted textile , leather , embroidery , etc. flexible material with high accuracy , smooth cutting path . Automatically recognize actual contour of distorted pattern , and cut with high precision , with error less than 0.3mm .

PRODUCT ADVANTAGES

High precision cutting , reduce wasting of material

Recognize complicated patterns in full format , and continuous cutting is realized
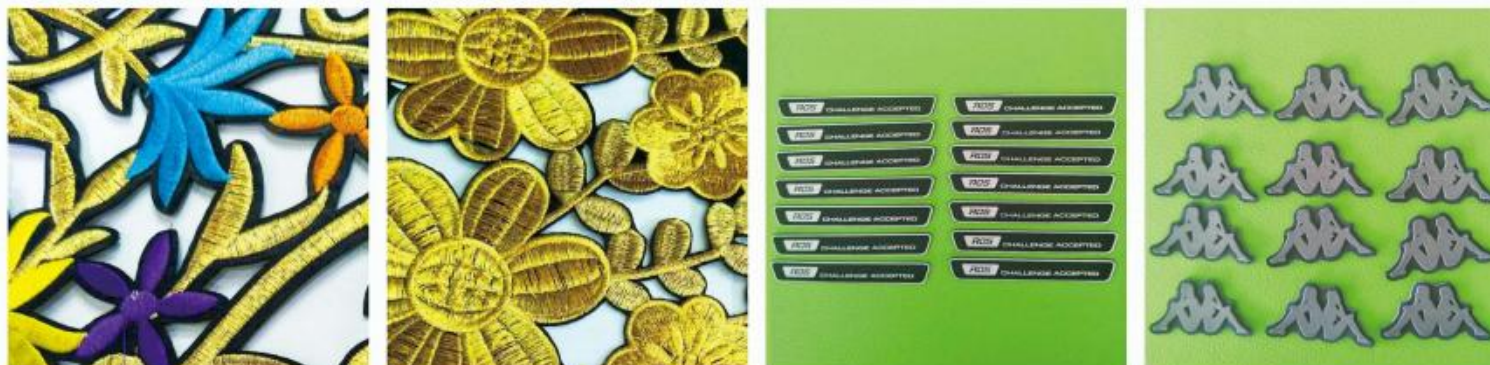
Full automatic working , reduce labor cost.

PARAMETERS

- Laser head：single double
- Cooling system : AC industrial chiller 5200

MODEL	DETECTING AREA	NET WEIGHT	DIMENSION
KD1080–F	1000*800	300KG	1600*1450*1750
KD1610–F	1600*1000	450KG	2210*1590*2500
KD1810–F	1800*1000	500KG	2410*1590*2500
LASER POWER：80W、100W、130W、150W			
UNIT：MM			

APPLICATION

KASU LASER CUTTER WITH PROJECTOR

POSITIONING, CUTTING, DRILLING IN ONE CUTTER

NO MODES NEEDED   HIGH CUTTING ACCURACY   SMOOTH CUTTING EDGE   POSITION & BLIND CUT   EASY TO OPERATE

PROCEDURE

1 PARAMETER SETTING FOR PROJECTOR OF 1:1

2 GENERATING CUTTING PATTERN DATA

3 PUTTING PIECES ON THE PLATFORM
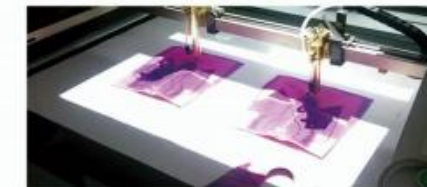
4 CUTTING & DRILLING

5 SORTING PIECES OUT

PARAMETERS

- LASER HEAD：SINGLE DOUBLE FOUR HEADS
- LASER TYPE：GLASS TUBE CO2
- LASER POWER：80W 100W 130W 150W
- COOLING SYSTEM：CONDITIONER
- CUTTING DEEPNESS：≤10MM
- CUTTING SPEED：≤450MM/S
- CUTTING PLATFORM：HONEYCOMB
- POWER SUPPLY：AC220V ±5%/50HZ
- GROSS POWER：<2500W
- Graphic Format：PLT、DXF、etc.。

MODEL	DETECTING AREA	NET WEIGHT	DIMENSION
KT1080–F	1000*800	300KG	1600*1450*1750 （100W） 1900*1450*1750 （130W）
KT1610–F	1600*1000	400KG	2210*1590*2500
UNIT：MM			
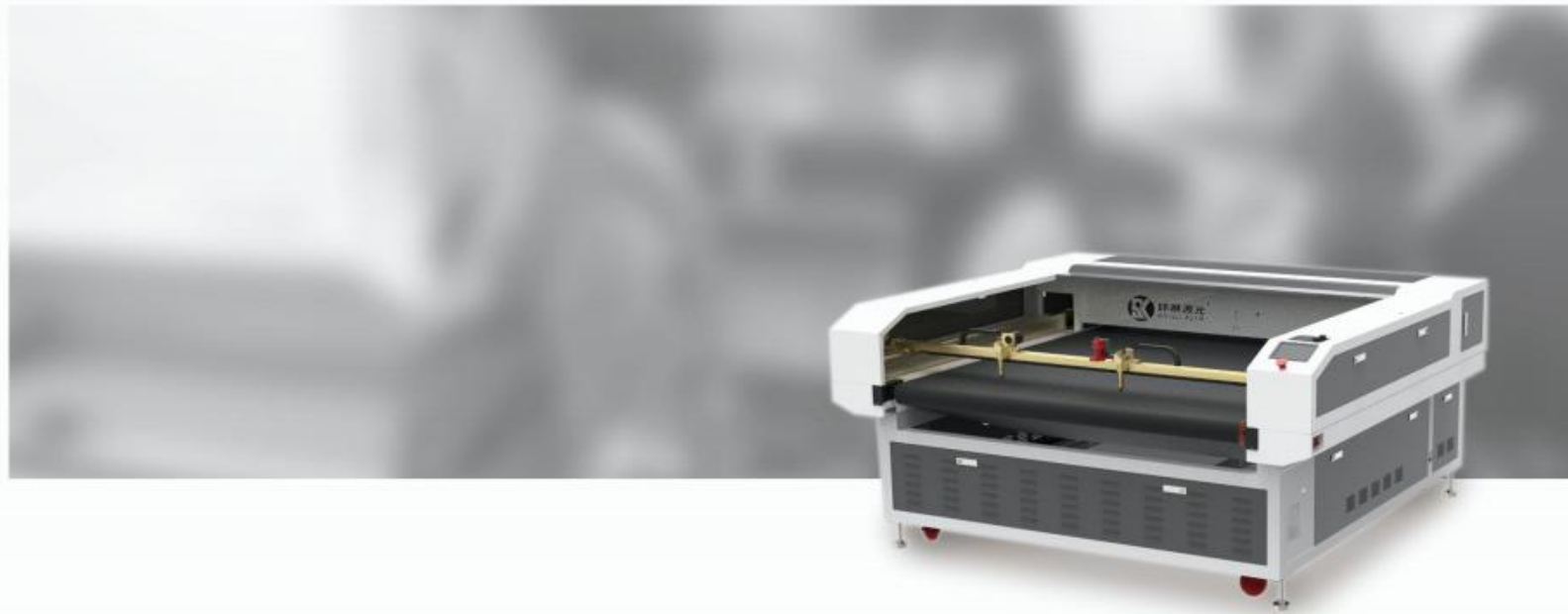
PRODUCT ADVANTAGES

1. Using high resolution CCD lens which respond quickly and eliminating stay-time;
2. 20% faster than other competitors;
3. Precisely locate, recognize and cut of many graphs in a whole plane from multi-angle especially for smaller than 5CM pieces;
4. Highly split joint and cutting to large graph and brand which beyond eye reach of camera;
5. Cut-parts without trimmed edge;
6. Widest suitable 1.8 meters of fabric;
7. Automatic absorb wind and discharge smoke;
8. Automatically counting and timing.

KASU SMALL VISION LASER CUTTER

Through different kinds of recognition method, such as featured point to locate cutting, automatic obtaining outline cutting, Mark point location and adopting professional CCD lens, KASU Small Vision Laser Cutter has high recognition speed and high cutting rate, which is very suitable for continuous cutting large amount of computer embroidery, marking and labels of plush toy. And when the vision funtion is not applied, it can be used as KASU Double-Probe Full-Automatic Laser Cutter.

PARAMETERS

- LASER HEAD：SINGLE / DOUBLE
- LASER GENERATOR：CO2 LASER TUBE
- COOLING SYSTEM：AC CHILLER
- CUTTING DEEPNESS：≤10MM
- CUTTING SPEED：≤450MM/S
- CUTTING PLATFORM：CONVEYOR / HONEYCOMB
- POWER SUPPLY：AC220V ±5%/50HZ
- GROSS POWER：2000W
- Graphic Format：AI、DST、PLT、DXF、etc.。

| MODEL	DETECTING AREA	NET WEIGHT	DIMENSION
KX1080-F	1000*800	250KG	1600*1450*1050
KX1610-F	1600*1000	350KG	2210*1590*1130
KX1810-F	1800*1000	400KG	2410*1590*1130
KX1810-S	1800*1000	600KG	2410*2000*1130
KX1814-S	1800*1400	700KG	2410*2400*1130
LASER POWER: 80W、100W、130W、150W			
UNIT：MM			
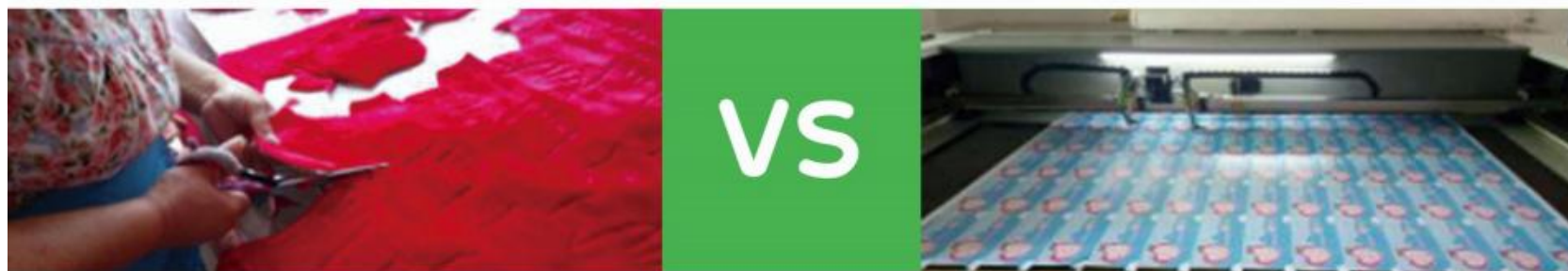
TRADITIONAL MANUAL CUT

KASU SMALL VISION LASER CUT

5 TIMES ENHANCED WORKING EFFICIENCY

PROCEDURE
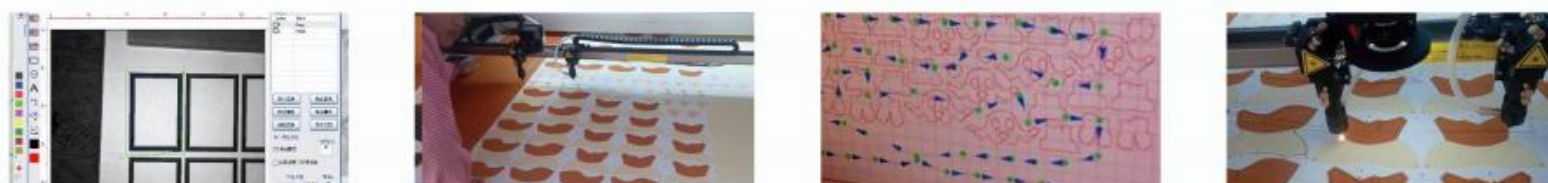
1 MAKING MODES → 2 SCANNING THE FABRIC → 3 GENERATING CUTTING LINE → 4 CUTTING

# WHAT ARE YOU WAITING FOR ?

APPLICATION INDUSTRY

KASU LASER CUTTER

KASU laser cutter series adopts a thermal processing method without contact, which is suitable for all kinds of fabric. There won't be any burnt fringe along the incision and no mold is needed, hence very suitable for manufacturing products with small amount, various designs and with a high cutting-quality demand.

Cooperating with KASU Automatic Composing Layout And Material Calculating Software, which was researched and de
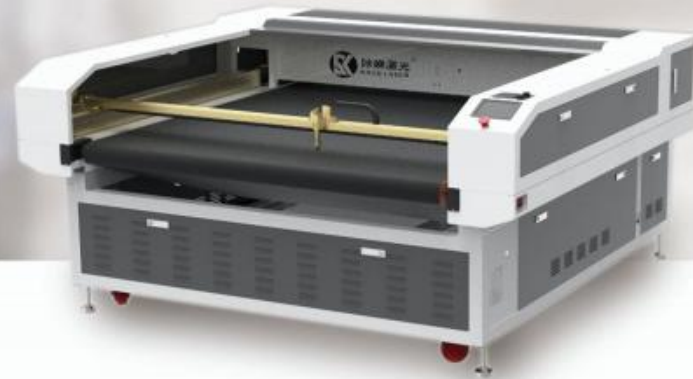
veloped independently by KASU team, KASU Laser Cutter has achieved full-automatic operation.
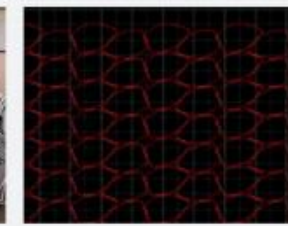
TRADITIONAL CUTTING METHODS

SAY NO !
SAY NO TO LOW EFFICIENCY, LOW QUALITY & HIGH COST.

1 PUT PAPER PATTERNS ON BOARD
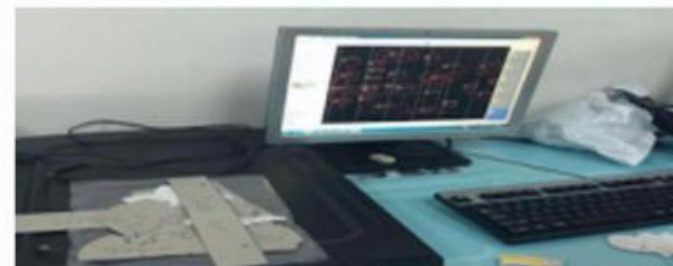
2 GENERATING CUTTING OUTLINE

4 SORTING PIECES OUT

3 LASER CUTTING

PRODUCT ADVANTAGES

PUNCHING MACHINE   LASER CUTTER

5MM PATTERN DISTANCE   VS   **0MM** PATTERN DISTANCE

SAVING AT LEAST

5 % MATERIAL COST

PUNCHING MACHINE   LASER CUTTER

MOULDS NEEDED   VS   NO MOULD

SAVING AT LEAST

100~900 RMB

MOULD COST FOR JUST ONE ORDER!

SCISSOR CUT   LASER CUTTER

TRIMMINGS LEFT   VS   CLEAN CUTTING EDGE

ENHANCING PRODUCT

QUALITY
BETTER WORKING ENVIRONMENT

PUNCHING MACHINE   LASER CUTTER

SIMPLE SHAPES   VS   ALL KINDS OF ELABORATED SHAPES

ENHANCING PRODUCT

ADDED VALUE

PARAMETERS

- LASER HEAD: SINGLE DOUBLE FOUR HEADS
- LASER TYPE: GLASS TUBE CO2
- LASER POWER: 80W 100W 130W 150W
- COOLING SYSTEM: CONDITIONER
- CUTTING DEEPNESS: ≤10MM

- CUTTING SPEED: ≤450MM/S
- POWER SUPPLY: AC220V ±5%/50HZ
- GROSS POWER: 2000W
- Graphic Format: PLT、DXF、etc.。
- REPEATED POSITIONING ACCURACY: ±0.1MM

MODEL	DETECTING AREA	NET WEIGHT	DIMENSION
K1012-S	1000*1200	550KG	1710*2230*1180
K1612-S	1600*1200	600KG	2210*2310*1180
K1810-S	1800*1000	600KG	2410*2000*1130
K1812-S	1800*1200	650KG	2410*2200*1130
K1814-S	1800*1400	700KG	2410*2400*1130
UNIT: MM			

KASU LASER ENGRAVING &
CUTTING MACHINE

KASU laser engraving and cutting machine is a professional laser machine specially developed for the advertising craft gift industry. It has the functions of cutting and engraving and has excellent performance in cutting and engraving wood, bamboo, acrylic, PVC, leather, paper, rubber and other non-metal board materials.

ADVANTAGES

SHORTEST CUTTING PATH

FAST CURVILINEAR CUTTING

AUTOMATIC OPTICAL COMPENSATION

STABLE STRUCTURE DESIGN

PARAMETERS

- Laser Head: Single/Double/Four Heads
- Laser Type: Glass Tube Co2
- Cooling System: Conditioner
- Cutting Deepness: ≤10mm
- Cutting Speed: ≤45mm/s

- Working Table: Honeycomb / Knife Blade
- Power Supply: AC220V ± 5%/50HZ
- Gross Power: 2000W
- Graphic Format: PLT、DXF、Etc.
- Repeated Positioning Accuracy: ± 0.1mm

MODEL	WORKING AREA	NET WEIGHT	DIMENSION
K6040	600*400	200KG	1200*1700*1130
K1080	1000*800	250KG	1600*1450*1050
K1390	1300*900	300KG	1900*1520*1130
K1610	1600*1000	350KG	2210*1590*1130
K1810	1800*1000	400KG	2410*1590*1130
LASER POWER：80W、100W、130W、150W			
UNIT：MM			

APPLICATION
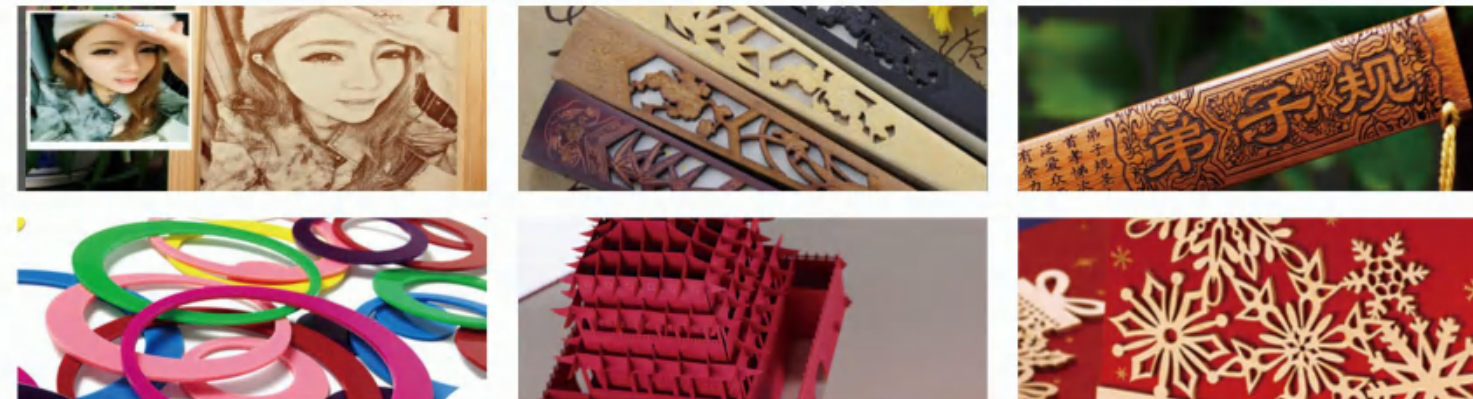
KASU ASYNCHRONOUS DOUBLE-HEADS
LASER CUTTING MACHINE

I. ASYNCHRONOUS DOUBLE LASER HEADS
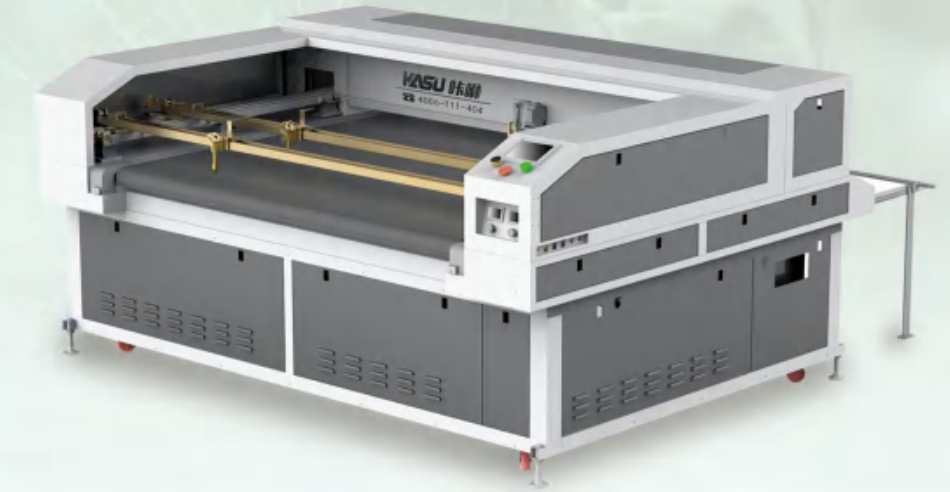
PARAMETERS

LASER HEAD: DOUBLE HEADS

LASER POWER: 80W/100W/130W/150W

CUTTING PLATFORM: CONVEYOR

2. FASTER SPEED, MORE MATERIAL SAVED

INTRODUCTION

KASU asynchronous double-head laser cutting machine is a reinforced machine specially designed for shoe factories. It has self-developed mixing layout software and cutting software, high-quality asynchronous double-head control system and fully automatic conveyor working platform. It integrates all kinds of high-quality functions, achieves faster speed, saves more materials, and has more superior and practical performance.

5%

AT LEAST 5%

Asynchronous double-head layout can save at least 5% more material than one-beam double-head.

97CM   **VS** 91CM

Layout split to 2 heads   Mixed Layout

Take ten shoes' pieces for example, within 1.4 meter width, asynchronous double-head material usage is 91CM, as one-beam double-head material usage is 97CM.

操作步骤

1 FEEDING

2 TYPESETTING IN FULL FORMAT WITHOUT GAP

3 TWO LASER CUTTING HEADS

4 GATHERING

KASU Laser Cutter

PARAMETERS

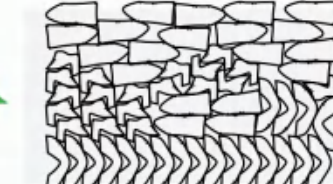| MODEL	WORKING AREA	NET WEIGHT	DIMENSION
K1625	1600*2500	1000KG	2150*3400*1100
K1825	1800*2500	1200KG	2350*3400*1100
LASER POWER: 80W、100W、130W、150W			
UNIT: MM			

1、High-temperature quenched steel frame, gantry structure, quality plastic spraying with anti-rust treatment, high quality with no deformation.

2、The high precision guide rail is used to ensure that the machine runs smoothly and stably with high speed, thus ensuring the accuracy and life of the machine.

3、With the independent bellows design, the exhausting system maximizes smoke exhaustion effect and improves work environment.
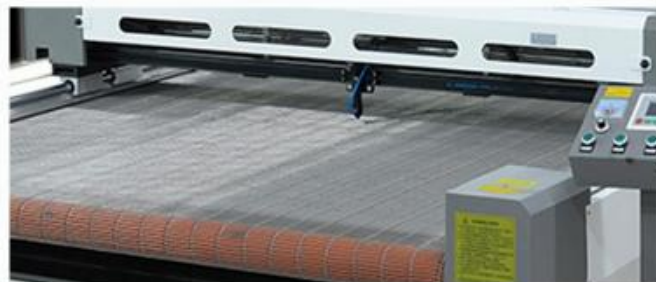
4、Super large cutting area is more suitable for continuous roll cutting. And with automatic correcting feeder, material feeding, cutting and pattern collection can realize full automation.

APPLICATION Fabric, leather, cotton, linen, sponge, fur, chemical fibers and other soft materials.

Printing Head

Printing & Cutting Control Card

Ink Control System

SPARE PARTS

KASU Printing and Laser Cutting Machine

PRODUCT ADVANTAGES

Simplify factory production process

Non-touch printing, clear and accurate marking lines

High qualitycutting piecesAt least 5% material saving

No die needed, both cost and time saving

Low requirement for operator

PARAMETERS

KASU Printing and Laser Cutting Machine is a multi-functional machine with automatic feeding, printing and cutting functions. The whole roll of leather is fed into the working platform through conveyor. The various patterns that the manufacturer needs to process are imported into the control system through the pattern layout software and the grading software to print the lines or marking points automatically. After printing, laser cutting starts.

This machine is specially designed for the actual production pain points of leather products related industries. It completely changes the traditional technology and process, and makes the enterprises completely get rid of a series of problems such as the complicated model making process of punching machine, the large number of labor, the high working intensity, the low work efficiency and the high power consumption. It greatly reduces the production cost of enterprises, and improves the production efficiency.

APPLICATION

CUTTING SAMPLES
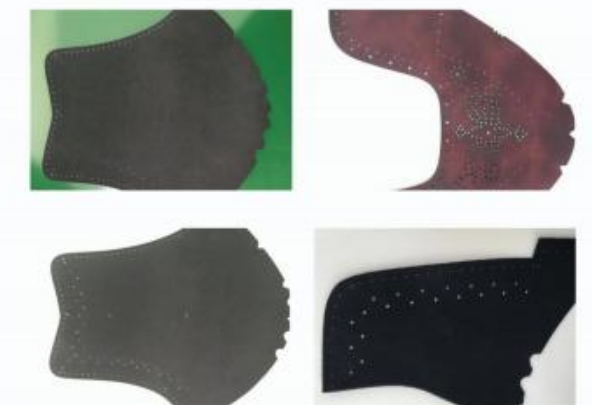
KASU WEBBING

RIBBON LASER CUTTING MACHINE

Technical Parameters:

Machine model: KZ6040-S

Working range: 30*30

Machine size: 1200mm*1700mm*1850mm

Machine weight: 300KG

Cutting speed: ≤450mm/s

Repeat positioning accuracy: ±0.1mm

Cutting thickness: ≤10mm

Maximum webbing width: ≤30mm

Support graphic format: PLT / DXF ect.

PRODUCT ADVANTAGES

1 Multi-functions in one machine, easily handle with the needs of various webbing/ribbon cutting, punching and carving;

2 No contact heat cutting, the trimming is smooth, no loose edges, no blackening;

3 No cutting die needed. Flexible template making, support a variety of electronic documents directly input;

4 No contact cutting, to solve the problem of sticking with contact hot cutting;

5 Visual cutting range, to solve the problem of positioning for webbing/ribbon cutting;

6 High-precision automatic feeding, to solve the problem of different lengths of webbing/ribbon cutting;

7 Easily handle with the elastic webbing/band cutting deformation problem.

APPLICATION

KASU ALUMINUM

TUBES LASER CUTTING MACHINE

KASU Aluminum Tubes Laser Cutting Machine is specially designed to cut the left-over yarn of Aluminum tubes. The fan then sucks the cutted waste yarn into the waste tank. During the whole process, this cutting method does not damage the surface of aluminum tubes and so will increase the service life of the tubes and decrease user's production cost.

ADVANTAGES

Non-Contact Cutting No Damage to Tubes

Automatic Waste Collection System to Improve Working Environment
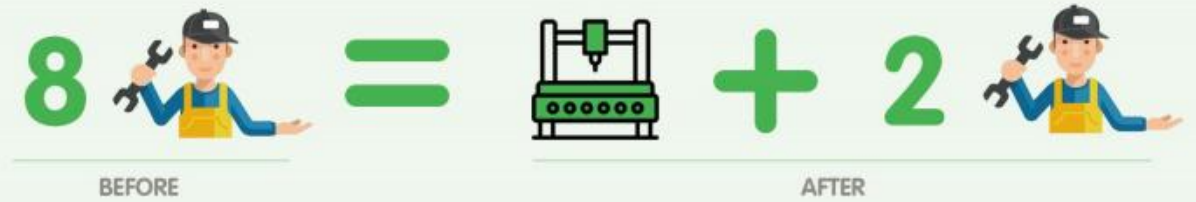
Low Energy Consumption and High Working Efficiency

Automatic Feeding System and Less Manpower Needed

For example

TAKE 15000 ALUMINUM TUBES FOR EXAMPLE (8 WORKING HOURS)

8 — BEFORE

= 🖥️ + 2 — AFTER

8 WORKERS NEEDED = 1 MACHINE + 2 WORKERS

With Cutter **NO SCRATCH** VS With Traditional Cutting Knife **APPARENT SCRATCH**

NO SCRATCH

APPARENT SCRATCH

NET WEIGHT：100KG

SIZE：1000MM*750MM*950MM

KASU LASER CUTTER K1080-F1

KASU AUTOMATIC MATERIAL CALCULATING SOFTWARE DBY6650

With the help of high precision industrial camera, and coordinated with an independent illuminant source system and image recognition algorithm with proprietary intellectual property, KASU Automatic Material Calculating software can automatically generate a smooth CAD graphic pattern with the size of 1:1 at a high speed. Together with the layout algorithm which was formed after years of optimized precipitation, files needed for laser cutters can be generated in a few minutes. Thus, the operators can be extricated from repetitive work, saving time and effort.

PREVIOUSLY, MAKING SAMPLES IS TIME & MANPOWER & MONEY CONSUMING!

WITH OUR HELP, YOUR DREAM CAN COME TRUE!

IS IT POSSIBLE THAT ONE WORKER CAN LEARN TO DO ALL THE ABOVE JOB IN ONE DAY?

PROCEDURE

1 PUT PAPER PATTERNS ON BOARD

2 RECOGNIZE PATTERN OUTLINE

3 EDIT CAD PATTERNS INFO

4 OPTIMIZED LAYOUT & EXPORT REPORTS

5 LASER CUTTING PAPER PATTERNS

6 LASER CUTTING SAMPLE PIECES

MODERN SAMPLE ROOM
SHOULD LOOK LIKE THIS!

FUNCTIONS

- High-accuracy camera & independent illuminant source system;
- Generating high-accuracy CAD paper patterns in ONE second;
- All kinds of optimization algorithms of layout;
- Generating all kinds of forms needed by production;
- One-key export of CAD pattern files and layout plans of the size of 1:1;
- Generating cutting files into laser cutters.

TIPS ONE WORKER CAN HANDLE MATERIAL CALCULATION, QUOTATION, PAPER PATTERN DUPLICATION AND SAMPLE PIECES CUTTING!

SAVING MATERIAL USAGE :

COMPARATION ITEM	MANUAL	SOFTWARE	RESULT	REMARKS
MATERIAL UTILIZATION RATE	ABOUT 85%	ABOUT 88%	SAVING 3%	
MATERIAL USAGE	ABOUT 200,000 METERS	ABOUT 194,000 METERS	SAVING 6,000 METERS	ANNUAL TURNOVER RMB 10,000,000
ANNUAL FABRIC COST	ABOUT RMB 3,000,000	ABOUT RMB 2,910,000	SAVING RMB 90000/YEAR	RMB 15/METER

SAVING MANPOWER :

COMPARATION ITEM	MANUAL	SOFTWARE	RESULT	REMARKS
MATERIAL CALCULATION & QUOTATION	ONE HOUR	15 MIN	400% WORKING EFFICIENCY ENHANCED	20-30 PATTERNS/ORDER
PAPER PATTERN DUPLICATION	30 MIN	5 MIN	600% WORKING EFFICIENCY ENHANCED	20-30 PATTERNS/ORDER
CUTTING SAMPLE FABRIC	30 MIN	5 MIN	600% WORKING EFFICIENCY ENHANCED	20-30 PATTERNS/ORDER
MANPOWER COST	THREE WORKERS	ONE WORKER	SAVING RMB 72000/YEAR	SALARY : RMB 3,000/MONTH

FIBER LASER MARKING MACHINE

KASU fiber laser marking machine adopts the fixed optical laser system of Rayco's fully enclosed maintenance-free system ; ultra high-speed, high-accuracy scanning galvanometer ; digital dual-axis converter board galvanometer ; USB laser control board ; high quality of laser spot ; uniform density of laser power ; stable laser power output ; powerful function of control system ; can be used for vector marking , and bitmap marking ; it support up to 256 layers management , multi-level user right management ; can meet the different sectors of applications of metal laser marking , plastic laser marking , beverage packaging marking and other marking applications . This machine can be widely used in food and beverage, pharmaceutical, tobacco, leather, packaging, building materials, lighting, small jewelry, cosmetics, bearing marks, electronic components marks and labeling & marking of products and packaging in other sectors.

MANTAINANCE FREE	HIGH QUALITY	LOW LOSS	NO POLUTION	HIGH ROI

PARAMETERS

- LASER MODULE POWER：10W 20W 30W
- WAVELENGTH：1064nm
- MACHINE POWER：≤650W
- WORKING AREA：50mm x 50mm / 100mm x 100mm / 140mm x 140mm
- DIMENSIONS：700mm x 900mm x 1380mm
- SPEED：7000mm/s
- MIN. LINE WIDTH：0.02mm
- MIN. CHARACTER：0.15mm
- MARK DEPTH：≤0.8mm
- REPEATED FREQUENCY：20KHz ---100KHz

- REPEATED ACCURACY：±0.002mm
- LASER MODULE LIFE：＞50000H
- WEIGHT：100 Kg
- VOLTAGE：220VAC±5%
- COOLING SYSTEM：BUILT-IN
- USAGE ENVIRONMENT：THE CLEANER, THE BETTER
- TEMPERATURE：10°C to 35°C
- MOISTURE：5% to 75%
- GRAPHIC FORMAT :bmp,jpg,tif,plt,dxf,ai,etc.。

SUITABLE MATERIALS
Metal Mark, Plastic Mark, Dark-Colour Material Mark, etc.

APPLICATIONS

KASU LASER
EXHIBITION ALBUM

KASU HOT IRON CUTTER
-KSDT1812

NOW LET THE MACHINE DO IT FOR YOU!

At present, KASU Hot Iron Cutter has fully realized a high precision active correction feeding; Support ironing-board of various kinds of shapes and sizes for hot cutting automatically; The newly added automatically suspended device as alarm system for ironing-board is designed to respond to sudden short-circuit situation occurs during the actual operation; To totally consider the easy operation of workers, the newly automatic sub-hair system has been created to enhance working efficiency of the associated material-tearing process. The new intelligent fabric stretching system is also used to solve all kinds of deformation and shrinking problems when stretching elastic woven materials.

2X ONE IRON CUTTER = TWO WORKERS

4X ONE IRON CUTTER = FOUR LASER CUTTERS

PROCEDURE

1 MEASURE PARAMETERS → 2 FEEDING & CUTTING → 3 SORTING PIECES OUT

5 5 YEARS' PRACTICE MAKE PERFECTION!

KASU Automatic Hot Iron Cutter replaces the traditional manual hot melt cutting method in cutting plush and composite sponge plush materials, and especially fit to manufacture toys with large amount (more than a thousand plush toys), complex ranging method or large size.

THE MOST EFFICIENT AND LOWEST COST CUTTING
METHOD FOR BIG AMOUT ORDER OF PLUSH TOYS!

MAKING HOT IRON BOARD

TRADITIONAL MANUAL CUTTING

PROBLEMS YOU ARE FACING---NO WORKERS!

1 EVERYDAY holding several kilos board for 10 hours!

2 EVERYDAY standing for 10 hours!

3 EVERYDAY coordinating eyes & hands for 10 hours!

4 EVERYDAY breathing poisonous smoke!

5 BEARING working environment over 40℃ in summer and minus tem. with fans blowing!

6 ......

WOULD YOU WANT TO DO THE JOB? IF YES, WHAT ABOUT SALARY?!

TWO SECONDS FOR EACH BOARD!
Set your workers free from repeated actions for more creative work.

PARAMETERS

- MODEL：KSDT-1812
- WORKING AREA：1800MM*1200MM
- MAIN DIMENSIONS：2480MM x 1560MM x 1450MM
- FEEDING SYSTEM DIMENSIONS：2430MM x 1680MM x 1020MM
- HOT IRON BOARD SIZE LIMITATION：≤1200MM*1200MM
- CUTTING SPEED：1600 pieces/h
- BOARD TEM.：800℃

- NET WEIGHT：650KG~750KG
- CORRECTION PRECISION：±10MM
- BOARD EXCHANGE SPEED：3 Min.
- SMOKE REDUCTION RATE：80%
- VOLTAGE：220V
- STATIC POWER：90W
- DYNAMIC POWER：2000W

THEY ALREADY TOOK ACTION, NO MORE WAIT!

K-2516
KNIFE CUTTING MACHINE

Parameters/Mode	D2513、D2516
Multi-function head	Tools can be easily change, with ornamental engraving , milling, vibration cutting, half cutting and creasing, drawing, the cursor position and optional precise camera position
Tool configuration	Pen ,Oscillating knife,Punching tool ,Tangent knife,Rotary Knife ,V-cut knife ,Notch knife,Creasing wheel,Drilling tool
Safety device	Using infrared sensors, responsive,safe and reliable.
Moving speed	800~1500mm/s
Cutting speed	200~1200mm/s(according to different cutting materials)
Cutting thickness	≤40mm(according to different cutting materials)
Cutting materials	All kinds KT board、PVC expansion sheet、honeycomb、sticker、gam、Cardboard、Corrugated cardboard、foametc
Material Fixed	Vacuum System
Cutting tolerance	±0.05mm
Servo resolution	±0.01mm
Transmission interface	Ethernet port
Network transmission distance	≤20m
Buffer capacity	512MB
Transmission system	Import （Digital servo motor、Linear guide、Synchronous belt、Screw、gear）
Normal power	7.5~11KW
Voltage	380V±10%
Working Range	2500×1300mm、2500×1700mm
Max feeding width	1350mm、　　　　　　1720mm
Machine size	3250×1900×1280mm、3250×2200×1280mm
Gross Weight	1000KG　　　　　1100KG

High Accurate Flatbed　The THK Moduel　The CCD Industry Camera　Japan Servo Motor　The Controller Of 6 Aixes Driven board　The Itlalian Belt

SAMPLES:
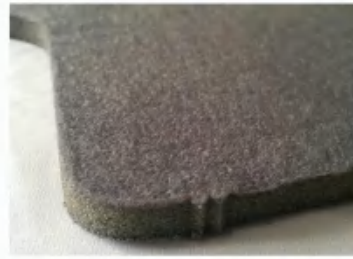
KASU BIG VISION
OSCILLATING KNIFE CUTTING MACHINE

INTRODUCTION OF PRODUCT APPLICATION

Control system: Adopt independent intellectual property rights ,up to 12-axis high-speed motion control system.

Head design: Use convenient replaceable head design, according to actual needs of replacement, with different functions tool head.

Control mode: Adopt servo motor drives the screw control , which can preset the knife depth and pressure.

Table design: Adopt advanced and mature rolling table design, platform width can be customized size, unlimited theoretical cutting length ; vacuum suction design,software can select eight suction area.

Platform detection: Adopt advanced platform Auto-Detect feature , compensate table flatness, can realize reducing the pressure of the corrugated indentation, good at half-cut knife and other requirements.

Cutting thickness: rolling standard cutting thickness up to 35mm, table fixed mode up to 60 mm.

Upgrade cutter tool(Optional): Tool type switch, more convenient to replace, eliminate contact problems, more stable, can cut 10 mm thick hard acrylic in one-time, the new pneumatic vibration tools (optional): trip 60mm, can cut more kinds materials, realize different special hard or thick material (including thick foam) cutting;

Add automatic tool setting function: Adjust the cutting depth according to the plate height automatically.

Perfect electric vibration tools: New type high-frequency electric vibration tools, stroke 2mm, adopt oil lubrication, can better realize continuous and high-intensity work, meet to mass production more better.

Better software features: Software support file formats: AI, DXF, PLT, SVG, etc., while independent hierarchical editing path.

Tools equipped: Equipped with vibration knives, drag knife, drawing tools and various tools such as half-cutters, milling cutters, slotting knives, flying knives, hobs, indentation knives, ultrasonic knives etc., Realize drawing, dotted line cutting ,half-cutting, full-cutting, milling cutter tailor, various materials slotted, the size of pressure wheel indentation, cutting hard materials and so on .

Positioning function: Equipped with vision and cursor manual positioning function, CCD automatic positioning function, fast and accurate cutting all kinds of complex profile picture.

Communication interface: The data interface is the gigabit network interface, can realize the long-range upgrading and maintenance , high speed and far distance transmission.