



MAKE A PERFECT RELATION



SOLUTION FOR ALL  
SIGNAGE MACHINERY



WE CREATE  
SOMETHING  
SPECIAL FOR  
YOUR  
BUSIENS...

SignMedia Enterprises established in 2009 at kechery, "currently at Thrissur". We are engaged in importing and distributing various signage machineries in india. Our main products include Hi-jet CnC Routers, Dragon laser engraver, Dobosen letter bending machine, Ecotek solvent printer, Hi-Jet Plasma metal cutter, Leapion fiber laser, Saga cutting plotter, Hi-jet solvent printer, uv printer & Relative Meterial like Solvent Printing Ink, Spares & all Signage Material . We have supplied our products all over India and at the same time, we build a long relationship with our customers. With more than Ten Year of experience, we have emerged as the most prominent, leading and trusted one in the field of signage industry. We thrive in stable product and prompt service.



OUR  
PRODUCTS  
& SERVICE

- **CNC ROUTER**
- **LASER ENGRAVER CO2**
- **FLEX SOLVENT PRINTER**
- **ECO SOLVENT PRINTER**
- **CHANNEL LETTER BENDING MACHINE**
- **VINYL CUTTING PLOTTER**
- **FIBER LASER METAL CUTTER**
- **PLASMA METAL CUTTER**
- **UV PRINTER**
- **FIBER LASER ENGRAVER**
- **SPARE PARTS & SERVICES**



### APPLICATION

Wood, MDF, Multiwood  
 ACP, Hard Wood, Plywood  
 Acrylic, Brass,  
 Light Metal Plastics,  
 D-Bond, Foamex,  
 Marble, Persps, PVC,  
 Composite Panel, Alloys

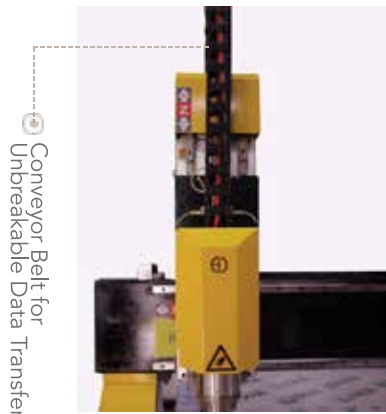
### FEATURE

- 1 Y-axis adopts double motors to ensures stable operation
- 2 Lathe bed is castwhollyand firmly and willnot deform
- 3 Highly accurate Rack Rail travel method with high speed
- 4 The vaccum cleaning system offers a clean working environment and better quality
- 5 USB ensures high speed and efficiency
- 6 The unique calculating systemrealizes speedy,accurate,curvy operation
- 7 Many Options are available such as Vacuum bed, Italian Spindle,rotary, Waterbed Etc

PARAMETER	AIR COOLER	WATER COOLER
Working Area (X*Y*Z)	8 x 4 Feet	8 x 4 Feet
Max Engraving Speed	20m/min	20m/min
Spindle Power	3.5 KW	3.2 KW
Spindle Speed	18000 rpm	24000 rpm
Controller	DSP (11A Ver.) NC Studio	
Motors / Drivers	YAKO 2608 / 2811 / Servo	
Z Axis	German Technology Ball Screw	
Working Speed	0-15,000 mm/min	
Transmission	X,Y transmitted by linear square rail	
Working Voltage	AC 220 V 50 HZ 1Ph, 4HP	
Dimension (LW-H)	3050 x 1500 x 750 MM	
Spindle Type	Air Cool	Water Cool
Weight	1300 KG	1300 KG
Z Gantry H Clearance	300mm	300mm
Software	Artcam,Corel	Artcam,Corel

# HI-JET CNC Router Hi 1325 is an Economical Model With Affordable Price.

We can use Air Cooling ,Water Cooling Spindle with Yako Brand stepper & Servo motor driving System the Control System we use for this model is richauto DSP A11 version with new attractive design



Conveyor Belt for Unbreakable Data Transfer



300mm Z Height For Rotary Attach in Future



Oil injection pumping system

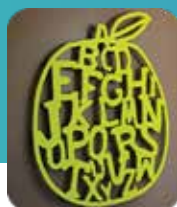


Double side Emergency Switch

Auto Tool Height Sensor

6 Leg body Structure for Stable and reduce vibration

## CNC PRODUCT SAMPLES





# LASER ENGRAVING & CUTTING MACHINE



**APPLICATION**  
 Advertising industry  
 Leather Industry  
 Craft Industry, Model industry  
 Packing industry,  
 Engrave & Cut in decoration  
 industry & electronic appliance  
 industry materials

## FEATURES

1. Professional design for client in different industry, reasonable structure, pleased appearance and practical.
2. High strength and high stable mechanical structure composed of high precision mould, machine moved moved stable, in high speed and precision, back open design convenient for material process and no limit for material length.
3. Adopt flight path design, special structure, little path deviation, high performance and easy adjustment.
4. Update flight path design, special structure, little path deviation,

PARAMETER	DG 1309	DG 1325
Working Area	1200x900 mm	2500x1200 mm
Laser type	CO2 Laser EFR / Reci Brand	
Laser Power	60w/80w/100w/130w/150w	
Laser Tube Cooling	Water Cooling Chiller CW5000 / CW 5200	
Laser Output DEPTH	Depend on Laser Power	
Control System	Ruida control system	
Engraving Speed	0-1200mm/s	
Cutting Speed	0-600mm/s	
Vltage	AC220v/110v+-10% 50HZ	
Respositin Accuracy	0.001mm	
Minimum Letter Size	Chinese :1.5 English : 1mm	
Machine Power	1000W	
Moter and Driver	Yako/Leadshine	
Working Enviornment	temperature 0-45C Humidity 5%-95%	

# Dragon LASER ENGRAVING & CUTTING MACHINE



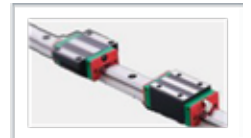
Ball Screw



EFR /Reci



Leadshine / Yako



Hiwin

## LASER PRODUCT SAMPLES



World Brand



Wi-Fi



Honors



1 Year Warranty



Swiss Designs

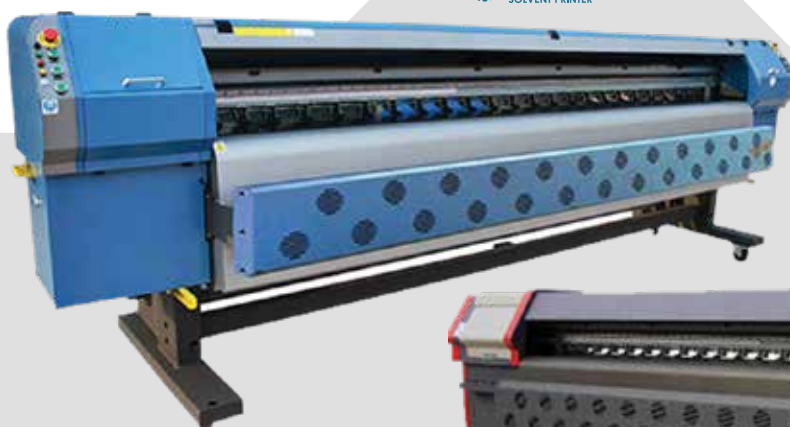


**KONICA MINOLTA**

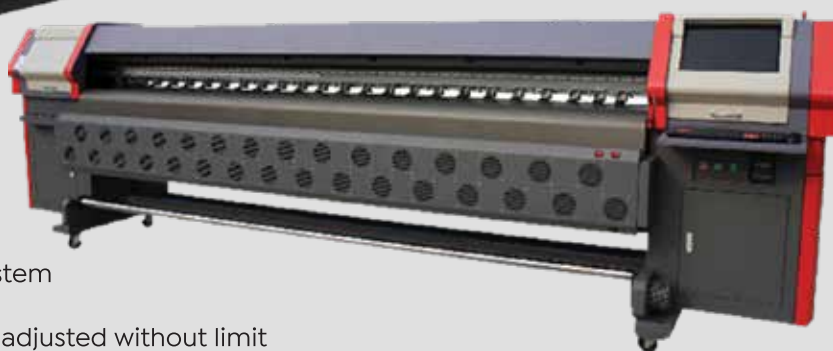
**HI-JET**  
SOLVENT PRINTER

**512i HIGH  
SPEED PRINTER**

**HI-JET C8**  
SOLVENT PRINTER



**HI-JET F9**  
SOLVENT PRINTER



**FEATURES**

1. High Performance Control System
2. Three Heating Sections
3. The Print-head Height can be adjusted without limit
4. Function of Adjusting step during printing is supported
5. Hiwin high performance linear lead rail from Japan
6. Excellent electronic parts & print head protecting system

**TECHNICAL SPECIFICATION**

Print Head	Konica 512 42 PL / 512 i 30PL/ 14 PL	
Number Of Print Head	4/8	
Maximum Print Width	3.2M (126inch)	1.88m (Max 74in)
Media	Cloth, Bohar, Flex Banner, PVC, Oneway Vision, vinyl, Canvas, Papper	
Motor	Panasonic / Leadshine	
Auto Cleaning System	Positive pressure cleaning spray in ideal function	
Image Format	bitmap,Tiff,Quark express,jpeg	
Work Flow	Rip & print at the same time / print after Rip	
Print Interface	USB 2.0	
Software	Flexi Sign Maintop	
Work Station	microsoft windows 2000/ Windows 7,8 32bit	
Operating Environment	200V-(10%)>15A,50Hz /60Hz	
Machine Dimension	15ft x 3ft x 5 ft	
Print Speed in 512i Head x 2	2 pass 480 x 360 dpi	2800 sqft/hr
	3 pass 480 x 540 dpi	2000 sqft/hr
	4 pass 480 x 720 dpi	1600 sqft/hr





# ECO SOLVENT PRINTER

KNTLS



## FEATURE

- \* 4 color or 6 color solution optional  
Newly printing control system can control for 4 color or 6 color printing, more choice for all kinds of custom.
- \* Advantage feather technology  
Special ink dot control technology, the ink drop range could be 1.5pl to 14pl. Make sure the best saturation and printing quality or avoid of banding.
- \* SEO Compatible boards system for all Epson head  
Board's system & Control software can compatible on all Epson DXS DX7, DXB, DX9.  
Change head but no need to change boards.
- \* Humanity control systems  
Ink pump pressure adjustable, easier to clean printhead or pump ink, save ink and your time.  
Meanwhile the material memory function could keep more than 10 kinds of material stepping date
- \* Reliable printer and boards system  
One of the best boards control system have been used on our printer, and more than 72 hours tested before shipping, guarantee the best quality

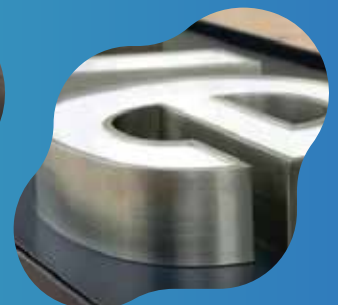
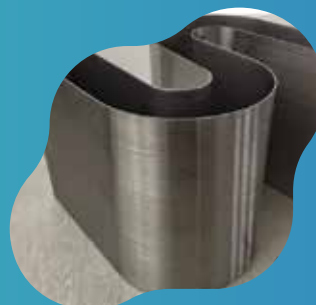
PARAMETER	1600 E	1900 E
Print Head	Epson Tx800/xp600	
Print width	1.52 M (Max 60 in)	1.88m (Max 74in)
Maximum Resolution	720 x 2880 dpi	
Ink	4 Colour (C M Y K)	
Materials	FLex, Cloth, Vinyl, PP, Coated Photo Paper, Light Sheet Canvas & So on	
Data Interface	USB 2.0 High Speed Interface Transfer System	
Working Environment	Temperature ( 15°C - 30°C), Humidity : 40%-60%	
Power	50-60HZ 400w-1600 w	Ac220W (+-10%) / AC110 V (+-10%)
Software	Photo Print, Maintop	
Printer Dimension	1.6M 2170 mm x600x 1350 mm	1.9m : 2370mm x 600 mm x1350 mm

# DOBOSEN ALUMINIUM LETTER BENDING MACHINE



<b>BRAND NAME</b>	<b>AS14</b>
Machine Type	Colling bending machine
Raw Material	Sheet/ Plate Rolling
Material/metal Processed	Aluminum
Power	CNC,1000W
Automation	Automatic
Extra Services	Slotting & Notching
Operation Principle	Automatic feeding, slotting and bending
Available Material	Aluminum profile, edge aluminum
Bending Radius	>- 3.5mm
Material Width	<-130mm
Material Thickness	0.3-1.2mm
Machine Size	2000*900*1550mm
Machine Weight	300kg
Voltage	220v
Working Air Pressure	0.3-0.8Mpa

## PRODUCT SAMPLES





# CUTTING PLOTTER

(STEPPER & SERVO MOTOR)



Direct USB, Plug and play, no USB drivers required works on Mac systems with signcut software windows 7/8 and 10 compatible

## CONFIGURATIONS

- \* Direct Corel Cut
- \* Cutting head with 4 wheels
- \* Aluminum alloy construction, ABS end caps, welded steel stand
- \* Available with ARM for fully automatic contour cutting
- \* Straight-line Max, speed 800 mm/s
- \* Curve Max, speed :300mm/s
- \* Motor & driver: stepper motor / Servo Motor
- \* Motor power: 40 watt
- \* Servo motor speed: 0-3500 RPM
- \* 0-3000 RPM time: 20 MS (idle load): 1200 MS (working)
- \* Encoder Signal: physical 1016 line/round, logical 4064 line/round
- \* Max force: 510g(2g/step)
- \* CPU: 16 bit
- \* Mechanical Resolution: 0.0254 mm/pulse

PARAMETER	SAGA-490I	SAGA-490I	SAGA-490I
Max.media width	490mm	720mm	1350mm
Max.cutting width	400mm	630mm	1260mm
Accuracy	+/-0.01mm	+/-0.01mm	+/-0.01mm
Connectors	usb / rs 232	usb / rs 232	usb / rs 232
Drive	Stepper Motor	Stepper Motor	Stepper Motor
Power Consumption	< 100w	< 100w	< 100w
Ambient Temperature	+5C- +35 C	+5C- +35 C	+5C- +35 C
Meas	73 x 33 x 33 cm	97 x 34 x 43 cm	160 x 34 x 41 cm
G.W/N.W	10.0 / 9.0 kgs	27.5 / 25 kgs	38 / 35 kgs

# Leapion



## FIBER LASER METAL CUTTING MACHINE



### FEATURES

1. Professional laser optical system and imported lens, stable and reliable;
2. Efficient and stable programming and control system, easy to learn and user friendly, compatible with a variety of CAD drawing formats, intelligent layout to save costs, automatic cutting path, matching to save processing time;
3. Low energy consumption and low use cost; High stability, simple and convenient maintenance, low maintenance cost; No mold, flexible processing, can meet all kinds of special-shaped workpiece processing requirements;
4. High cutting efficiency, high cutting quality, no noise; High speed, high efficiency, cutting speed up to 30 meters per minute; Good cutting edge quality, small deformation, smooth appearance, beautiful
5. Imported high precision servo motor guide rail, original gear and rack from Germany, while ensuring the processing efficiency and accuracy greatly improve the equipment running stability and reliability.

### APPLICABLE MATERIALS

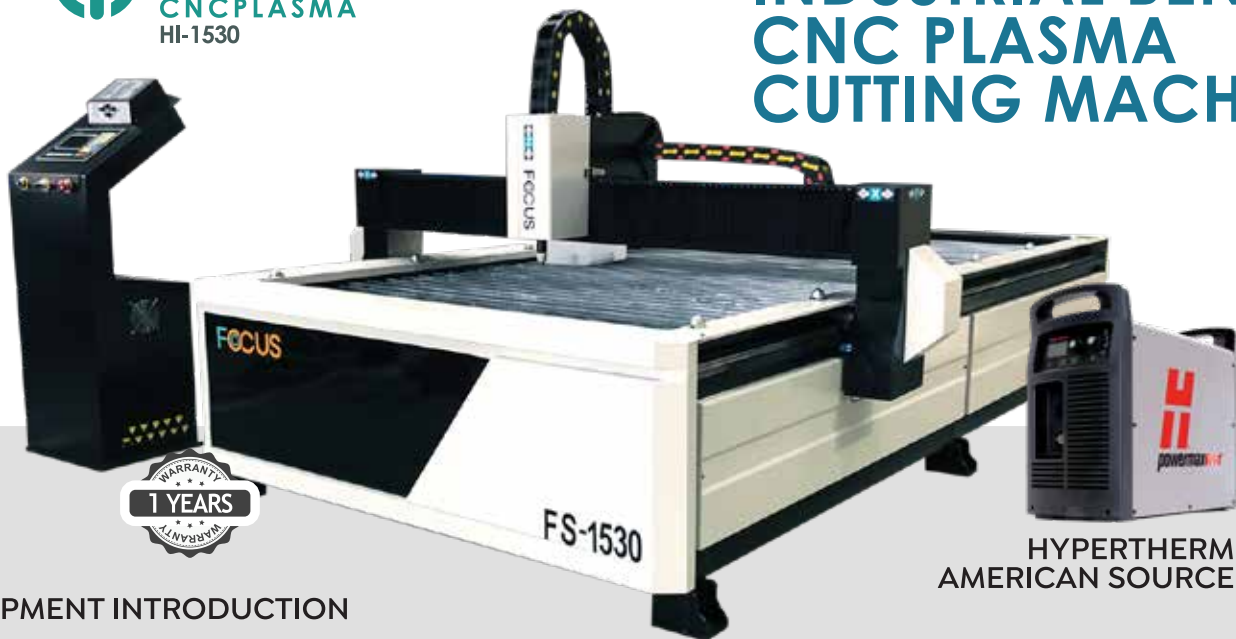
Stainless steel, carbon steel, copper plate, aluminum plate, gold, silver and other metal sheet cutting.

## FIBER & PLASMA SAMPLES

MODEL TYPE	LF-3015E
Laser type	Fiber Laser
Laser Source	IPG German / Max / Raycus
X axis stroke	1500mm
Y axis stroke	3000mm
Z axis stroke	200mm
Effective cutting range	1500*3000
Positioning accuracy	+/-0.02mm/m
Repositioning accuracy	+/-0.02mm/m
Maximum speed	100m/min
Power rating	Three-phase Ac 380v 50h Z
Laser Wave length	1060-1080 Nm



# INDUSTRIAL BENCH CNC PLASMA CUTTING MACHINE



**HYPERTHERM  
AMERICAN SOURCE**

## EQUIPMENT INTRODUCTION

1. Table type CNC plasma cutting machine is a precision mechanical transmission device with thermal cutting technology combined with a high efficiency, high precision, high reliability. With an inimitable man-machine interface, operation is simple and easy. Can cut out various shapes complex sheet metal quickly and accurately, especially suitable for automatic. Thin steel non-ferrous metals, stainless steel and carbon steel plate cutting. It adopts an integrated modular design, quick installation, convenient movement.
2. The whole bed adopts steel structure welding after finishing, whole temper, sufficient to eliminate welding stress, stable and reliable performance, the beam and the beam used aluminium after finishing, good movement performance. Y axis with bilateral synchronous drive system. To ensure the machine speed and accuracy.
3. X and Y axis guide rail with domestic or imported linear guide rail, high precision, good guide, drive rack, gear by the professional manufacturer of custom. The surface carburizing and quenching, high precision.
4. LCD screen, all of the use of Chinese/English characters display. Below the display show the operation method at any time, so the operator only need simple training. The operation can be carried out, using very easy to understand.
5. The drive system can be choose servo drive or stepping driving, according to the requirement of customers can choose the world's top brand from Japan-Panasonic AC servo or stepper motor drive, can be more stable running speed, a wider range of speed transmission, short acceleration time;
6. The machine has a smoke dust removal device and exhaust type unique cutting worktable and the slag storage device, to create a good working environment.
7. With high response sensitivity torch height control, it can adjust automatically choose the best cutting distance, in order to ensure the accuracy of the work piece cutting effect.
8. According to user requirements can be equipped cutting power supply. To meet the different metal material with a variety of plasma materials.

## THE MAIN TECHNICAL PARAMETERS

Model	1325	1530
Cutting Width(Mm)	1300	1500
Cutting Length(Mm)	2500	3000
Control System	Shanghaiflmc-f2300b/beijing Starfire/start Or Customized	
Cutting Thickness	According to the plasma power supply	
Traveling Speed(Mm/min)	20000	
Cutting Speed(Mm/min)	According to the material thickness	
Cutting Table	Remove dust	



# DRAGON MINI LASER DG 6040

**RUIDA CONTROLLER**

**WORKING SIZE:  
600\*400\*200MM**

**LASER POWER:  
60W / 80W**

**ELECTRIC UP & DOWN  
WORKTABLE,  
RED DOT POINTER**

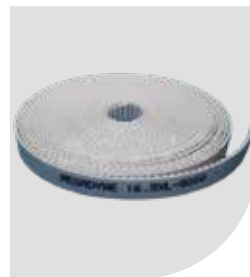
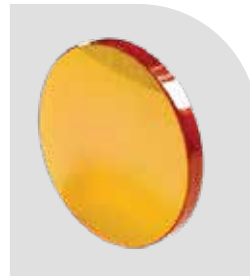


## TECHNICAL PARAMETERS

Effective Working Area	X=600mm)(Y=400mm)(Z=100mm)
Laser Power	60W / 80W
Worktable	Electric Up/Down Worktable
Red dot pointer	With
Computer System	WINDOWS XP/Win7/Win8
Machine Color	Optional
Min shaping character	Character 2x2mm ,Letter 1x1mm
Voltage Input	AC220V 60Hz
Maxi Engrave Speed	1000mm/s
Maxi Cutting Speed	600mm/s
Data Transfer	USB2.0 transmission
Control System	Ruida / Corel Controller
Graphic Format Supported	AI, PLT, DXF, BMP, DWG, LAS, DXP
Compatible Software	Corel Draw, AutoCAD, Illustrator, etc
Water Protecting Sensor	Yes
Water thermometer	Yes
Package Weight	120KG
Package Size	1130*800*770mm



## Materials & Spareparts



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