Marksman®

- **CNC DOT PEEN MARKING MACHINE**
- **MACHINE & MOTION CONTROLLER**
- **FIBER & CO$_2$ LASER**

Europe

North America

AFRICA

ASIA

JEIL MTECH

South America

JEIL MTECH
Professional Marking System
www.pinmarking.com

The brand name "Marksman" of **JEIL MTECH CO.,Ltd.** has been engaged In manufacturing industrial dot peen and laser marking systems in Korea since 1989.

We are constantly researching and developing innovative and reliable systems to satisfy our customers` needs.

We provide you most of marking solution with our own manufactured machine and devices based on term skill.

JEIL MTECH has an abundance of experience in custom designing marking systems to suit our customers` application.

As a this result, we have more than 60% market share in Korea and we are now expanding oversea market through our 15 countries business partner to all over the world.

Many of big enterprises like Hyundai, Kia, GM, Volvo, Toyota, Honda, Ford, Suzuki etc. have been using our dot peen marking machine in their plant and "Marksman" dot peen marking machine has been installing to their plant now.

JEIL MTECH products are ISO9001, ISO14001 certified.

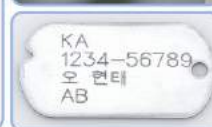All our products meet the EUropean CE standare and hold numerous national patents and certificates.

It is our goal to be the leader in the field of dot peen marking and laser marking systems for the global market through our persistent research and developement of new products.

Thank you for choosing our dot peen marking machine.

Company Profile

Marksman®

Oversea sales network

1. ASIA :
China : Tianjin
India : Deli, Pune, Chennai
Iran : Tehran
Japan : Osaka
Malaysia : Kualalumpur,
            Penang, Johor
Singapore : Singapore
Taiwan : Taichung
Thailand : Bangkok
Turkey : Izmir
Vietnam : Hochiminh

2. North America
Canada : Ontario
USA : California

3. South America
Brazil : Sao Bernardo

4 .Europe
Denmark : Vejle
Germany : Wumlingen
Italy : Milanese(MI)
Spain : Barcelona

Do not hesitate and contact me if your company want to be our partner.
Always welcome!

www.pinmarking.com / www.pinmarking.com/eng/mobile
isaac@pinmarking.com / lji@pinmarking.com

Tel : +82-31-776-0803
Fax : +82-31-776-0807
Dir. No,: +82-70-7018-4452

Main Control Unit

CNC Dot Peen Marking Machine Control Unit(Model:MCU-200BN)

- The latest special version of versatile MCU-200BN; well suited to a wide range of industrial environments.
- It has a LCD front surface of controller of which size is 240mm X 128mm for user's friendly. It makes you modify and input the data easily.

The MCU-200BN is rated for operating temperatures up to 50°C with no cooling required and features a cable entry seal for power, marking head, serial and I/O connections. The function of USB and SD card help you back-up and restore the data easily.

- Dimensions with connectors: 29cm(w)X14cm(L)X9cm(H)
- Electric:FreeVoltage (85V~264V,50/60 Hz)   - Memory : 44 letters. 999block
- Weight: 3KG   - Material of case: Steel
- External switch   - RS-232 & 422 serial port
- PLC I/O Interface   - Radiant of heats
- Combined PH/LP or PH/ Scratch System 128 Graphic LCD Display
- Marking Speed (in case of PH system) 2mm height = 4 ~ 5 / Second 3mm height = 2 ~ 3 / Second
- Length of cable : 2M,5M,10M,15M

Features

- Most important function can operate as a standalone unit or with a PLC through RS-232 cable using JS-1000 S/W
- Easy Select to LP/PH System   - No Air Cooling system inside of the MCU
- Linear, circular, oblique-line, angle and circumference marking, Hexagon marking (with CDC-20)
- Automatic serialization, date coding, Julian calendar special date coding, day & night & week coding, UID marking
- Embedded four kind of standard fonts (Std1, Std2, STD3, Dot)
- Single block & Multi blocks data, Auto CAD PLT file marking and special logo marking
- 2D Data-matrix marking
- Uses SD, SDHC and USB for more convenience to up & down load and backup the data
- Able to communicate with all kinds of PLC through I/O interface

JEIL MTECH

A CNC Dot Peen Marking Machine Control Unit(Model:MCU-100N)

The MCU-100N is our best selling controller world-wide MCU-100N controller provide various functions which is need to automation line through PLC and I/O by RS-232.

It has a LCD front surface of controller of which size is 240mm X 128mm for user's friendly. It makes you modify and input the data easily.

Keyboard drawer by sliding type is protected the keyboard from external dust. The function of USB and SD card help you back-up and restore the data easily. The most important functons of MCU-100N are Easy to maintenance by Slotted design of main parts

■ Specification

- Dimensions with connectors: 40cm(w)X25cm(L)X19cm(H)
- Electric: FreeVoltage (85V~264V,50/60 Hz)   - Weight: 8 KG
- Material of case: Steel   - External switch
- RS-232 & 422 serial port   - PLC I/O Interface
- Radiant of heats   - Combined PH/LP system or PH/Scribing system
- 240 by 128 Graphic LCD Display   - Keyboard inside
- Marking Speed (in case of PH system) 2mm height = 3 / Second 3mm height = 2 / Second
  6mm height = 1 / Second 10mm height = 0.5 ~ 0.8 / Second

■ Features

• Most common functions can be executed without a PC, as well as with a PC using an RS-232 cable using JS-1000 S/W
• Easy select to LP/PH systems (Peen select switch in front cover on the controller)
• Linear, circular, oblique-line, angle and circumference marking (with CDC-20)
• Automatic serialzation, Date coding, Julian calendar, Shift code, Special date coding, week code, day & night coding.
• Standard embedded fonts (STD1, STD2, STD3, DOT)
• Single-block & Multi-block data, Auto CAD PLT file marking, and special logo marking
• 2D Data matrix marking
• Able to communicate with a wide variety of PLC's through I/O interface

Dot peen Marking Head

Section	Dot Peen Marking Head			
Model	MK-115	MK-95J	MK-100BS	MH-80
Marking Area	90 x 80 mm	90 x 80 mm	100 x 90 mm	90 x 75 mm
Weight	7kg	8kg	8kg	8kg
Dimention with Connectors	230 x 210 x 176 mm	230 x 210 x 196 mm	232 x 206 x 169 mm	230 x 230 x 210 mm
Motor	Stepping motor	Stepping motor	Stepping motor	Stepping motor
Move Guide	LM Guide	LM Guide	Ball Screw	Linear Guide
Marking Speed	3 cha. Per sec.	3 cha. Per sec.	3 cha. Per sec.	3 cha. Per sec.

Section	Dot Peen Marking Head	Hand-held Dot Peen Marking Head		Scribing Head
Model	MK-85BS	MK-054	MK-1340	SI-85
Marking Area	80 x 50 mm	48 x 40 mm	130 x 40 mm	80 x 50 mm
Weight	5.6kg	2.8kg	3.5kg	7.8kg
Dimention with Connectors	203 x 158 x 193 mm	133 x 120 x 144 mm 209 mm(Jig)	218 x 120 x 144 mm 209 mm(Jig)	220 x 158 x 175 mm
Motor	Stepping motor	Stepping motor	Stepping motor	Stepping motor
Move Guide	Ball Screw, Linear Guide	Linear, LM Guide	Linear, LM Guide	Ball Screw, LM Guide
Marking Speed	3 cha. Per sec.	3 cha. Per sec.	3 cha. Per sec.	1 cha. Per sec.

JEIL MTECH

MK-054 Hand-Held (portable) Dot Peen Marking Head

The MK-054 is a Hand-Held (Portable) dot peen marking machine which is permanently connected to the any of controller by a robotic cable. This is a portable unit which is ideal for marking huge, large, bulky parts.

It can be used for all types of materials ranging from plastic to steel. It marks on linear, angler and cylindrical surfaces and 2D Data Matrix marking. And, customer can choose pneumatic or electronic depending on their purpose.

Dimension with connectors	133 mm (W) X 120 mm (L) X 144 mm (H) 209 mm (Jig)
Marking area	48 mm (X) X 40 mm (Y)
Connector	24pin connector
App. Air pressure	2 ~ 3 Bar
Weight	2.8 Kg
Moving guide for X and Y axis	Iron (Bearing guide)
Motor	Stepping motor
Material of case	Steel

■ Features
- Can be connected easily because it uses 24pin connector.
- Easy to install a narrow space.   - Light weight marking head.
- Can be used as portable marking head or stand alone marking head.

Dot Peen MK-1340 Hand-Held (Portable) Marking Head

The New MK-1340 Hand-Held marking machine is made for hand-held marking.

This is a portable unit which is ideal for marking huge, large, bulky parts.

It can be used for all types of materials ranging from plastic to steel. It marks on linear, angler and cylindrical surfaces and 2D Data Matrix marking. And, customer can choose pneumatic or electronic depending on their purpose

Dimension with connectors	218 mm (W) X 120 mm (L) X 144 mm (H) 209 mm (Jig)
Marking area	130 mm (X) X 40 mm (Y)
Connector	24pin connector
App. Air pressure	2 ~ 3 Bar
Weight	3.5 KG
Moving guide for X and Y axis	Iron (Bearing guide)
Motor	Stepping motor
Material of case	Steel

■ Features
- A light Weight about 3.5Kg   - A Good grip feel with one hand
- Able to make an OEM ZIG for customer application   - Able to use LP-06 and LP-10 pins
- Do not need a power cable   - Able to push start on hands

A CNC Dot Peen Marking Machine Head (Model: MH-115)

Dot peen machines are capable of being integrated systems for production lines. These marking peens of systems are dedicated for integrators, who appreciate their compact design, reliability and speed of marking. These MH-115 machine are compact and was designed to be easily integrated on automated lines in whatever position you choose.

It is easy to use and is suitable to mark parts of various shapes, irregular surfaces and materials.

The internal components are protected by a cast aluminium and sliding bellows allowing continuous industrial use. It allows quick dot peen marking on all types of materials, from plastic to hardest steel (up to 65Hrc).

■ Specification

- Marking area: 90 X 80 mm
- Dimensions with connectors:
  23cm(width) X 21cm(Length) X 18cm(Height)
- Weight: 7KG
- Material of case: CAST ALUMINUM
- Move guide for X and Y-axis: LM Guide

- Air pressure: Min 2 Bar to Max 5 Bar
- Motor: STEPPING MOTOR
- Control Unit: All available controllers
- 24 pins for connect with MCU
- Mac valve
- X & Y timing belts

■ Features

- A Sound Proof Cap for reduce noise (Only PH-Pin)   - Do not need a power cable
- Able to use LP and PH pins
- A variable and easy installing to customer(s) own systems
- A customer OEM installation or with T-300 table

MH-80 Dot Peen Marking Head

The function and quality is MH-80 is almost same as MH-115.

Only different is a case made by steel and guideline. Therefore, it's light and easy to installation. The moving guide made by iron and X, Y-axis has a rollers(Bearing) inside for smooth and long lifetime of moving.

Dimension with connectors	230 mm (W) X 230 mm (L) X 210 mm (H)
Marking area	90 mm (X) X 75 mm (Y)
Connector	24pin connector
App. Air pressure	2 ~ 3 Bar
Weight	8 KG
Moving guide for X and Y axis	Iron (Bearing guide)
Motor	Stepping motor
Material of case	Steel

■ Features

- A Competitive price with good quality
- A Sound Proof Cap for reduce noise (Only PH-Pin)
- Do not need a power cable
- A variable and easy installing to customer(s) own systems

- A Dust Cover; protect dust from bad environmental
- Able to use LP and PH pins
- A customer OEM installation or with T-300 table

A CNC Scribing Marking Head(Model: SI-120)

The Scribing Marking head, SI-120 is able to scribe marking(Through SI-03 peen). This Marking head is suitable for some work which is needed noiseless.

Possible to mark precise marking like 1mm character marking and stability and the quality for the character of SI-120 head is much better than previous marking head.

The case of SI-120 head made by Steel and Guideline Therefore, it's lighter and easier to install to customer application.

■ Features

- A Competitive price with good quality
- A Dust Cover; protect dust from bad environmental
- Able to be quiet marking (Only SI-03 pin)
- A variable and easy installing to customer(s) own systems
- Able to use SI-03 pin and PH pins
- A customer OEM installation or with T-300H table

■ Specification

	SI-85	SI-120	SI-230
Marking area	80*50	90*80	230*50
Dimensions with connectors	220*165*175mm	280*230*160mm	370*158*175mm
Weight	8kg	15kg	14kg
Material of case	Steel		
Move guide	Ball screw and LM Guide		
Motor	STEPPING MOTOR		
Control Unit	All available controllers		
Dust cover	Ok		
24 pins for connect cable	Ok		

■ Sample

Stand alone marking machine : MK-300

Column-mounted Dot peen machines "MK-300" are designed for marking to large area. This column mounted unit is perfect for any type of material from plastic to high hardness steel up to 65 Hrc.

The "MK-300" has built in controller inside of marking head for who want to have a marking to the parts of small quantity and variety kinds. These type of marking (text, digits) are made of a succession of dots. It can be made of 2D data matrix and logo marking when it is connected with JS-2000 s/w on the p.c.

MK-300 works with parts of various shapes and surface conditions (flat and irregular surfaces, concave, convex, circular, raw material etc...) Also, It has an external switch "Stop, Start and Reset" button for more convenience. All of these products are designed for user friendly.

■ Specification

- Marking area: 90mm X 75mm
- Dimensions with table:
  23cm(width) X 23cm(Length) X 21cm(Height)
- Weight: 9 Kg
- Material of case: STEEL
- Move guide: Iron Guide
- Dust Cover Type

- Electric: Select 115V or 230V, 50/60 Hz
- Air pressure: Min 2 Bar to Max 5 Bar
- Able to save block data: 40cha/64 Blocks
- External switch port
- Mini Keyboard port
- RS-232 port
- Power cable

■ Features

- Operatation without PC or with a PC through a RS-232 cable using JS-2000S/W
- LP/PH Combined(Inside)
- Linear, circular, oblique-line and angle marking
- Automatic serialization, date coding, Julian calendar special date coding, day & night coding
- Embedded two kind of standard fonts
- Single block data, Auto CAD PLT file marking, special logo marking
  Includes : External Switch, Power cable, 86 Keyboard, Air-regulator, T-300, 1pc of LP/PH pin

Stand alone marking machine : MK-300L

Strong functions and competitive price of stand alone marking machine MK-300L.

The "MK-300L" is the most economical model of Jeil Mtech's products. It has to be connected with PC for marking and be able to do a marking through Jeil Mtech's own software "JS-2000"

This MK-300L is proper to use to small and medium company or who want to have just simple marking. Also, compact size for small working space.

The "MK-300L" can be used with computer through RS-232 cable using JS-2000 software.

■ Specification

- Marking area: 90mm X 75mm
- Dimensions with table:
  23cm(width) X 23cm(Length) X 21cm(Height)
- Weight: 9 Kg
- Material of case: STEEL

- Move guide: Iron Guide
- Electric: Select 115V or 230V, 50/60 Hz
- Air pressure: Min 2 Bar to Max 5 Bar
- RS-232 port
- Power cable

■ Features

- Most important function of MK-300L only can be operated with PC through
  RS-232 cable using JS-2000S/W.
- Linear, circular, oblique-line and angle marking, 2D Data Matrix
- Automatic serialization, date coding, Julian calendar special date coding, day & night coding
- LP/PH Combined(Inside)   - Embedded two kind of standard fonts
- Single block data, Auto CAD PLT file marking, special logo marking

CNC DOT PEEN MARKING MACHINE IMPACT PEENS

The impact peens for marking machines are made by Tungsten carbide. We have a called the PH ,LP, EP and SI-120 peen. Those peens are made for different purposed. The PH-16 have a much dots than LP peens, therefore, it's more clear to mark on surface.

Also, a sound proof cap for reduced noise. The LP peens have a long stroke than PH peen. The **JEIL MTECH Co.,Ltd.** has a patent of these peens. This can mark to bended, irregular surfaces and stronger than PH. The EP peen is electric marking peen which makes you not to use air-pressure for dot peen marking. SI-120 peen is scribing marking peen which doesn't make any noisy during the marking. This SI-120 peen is suitable for some work which is needed noiseless.

Those Tungsten carbide peens can mark from plastic to HRC 65 strong hardness materials.

Also, a customer can grind by them-selves, when peen goes dull. Therefore, The Tungsten carbide peen can be used for semi-permanent.

	High Speed Peen – PH	High Stroke Peen – LP		
Section				
Model	PH-16	LP-06	LP-10	LP-15
Peen stroke	4mm	8mm	15mm	15mm
distances from workpiece	3mm	6mm	8mm	8mm
Air pressure	5 ~ 6 Bar	2 ~ 2.5 Bar	2 ~ 2.5 Bar	2 ~ 2.5 B

According to the hardness of the workpiece, consumption of the peen can be different. Upto HRC 65

	Extra 10mm longer Peen	Power LP-Peen	Electric Peen	Scratch Peen
Section				
Model	LPL-10 / PHL-16	PLP-10	ELP-10	SI-03
Peen stroke	15mm / 4mm	10mm	5mm	4mm
distances from workpiece	8mm / 3mm	8mm	3mm	3mm
Air pressure	2 ~ 2.5 Bar / 5~6 Bar	2 ~ 2.5 Bar	-	2 ~ 2.5 Bar

According to the hardness of the workpiece, consumption of the peen can be different. Upto HRC 65

T-300

T-300 table is the stands for those who want to have manual marking. Stand without having to make any mechanical device attached to the marking head can be a marking operation if you do the task manually. This T-300 stand is the best device for passive operation of MK-300.
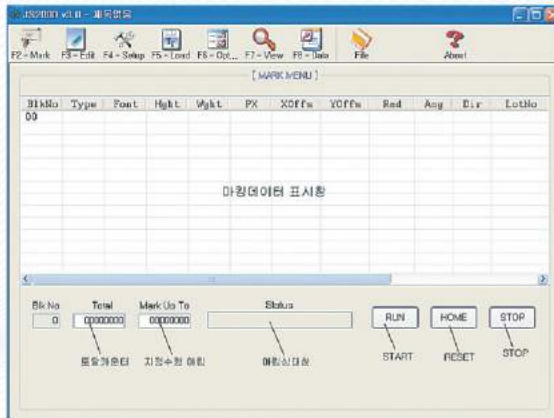
Dimension with connectors	340 mm (W) X 300 mm (L) X 570 mm (H)
Adjustable height	300 mm (Z-Axiz)
Control Unit	All available controllers
Weight	7.5 Kg
Moving guid	Ball Screw
Material of case	Steel

Easy to adjust the height
Set in terms of giving you determine the height graduation indicates
Base plate made by profile make you variety shape jigs can be attached

Specification of JS-Software

■ **JS-2000 :**
JEIL MTECH's own software for MK-300 series for Window program.
Spec. of Computer : Window XP, Vista, Window 7, COM PORT
Main function : Data back up and restore marking data. UP & DOWNload data without seperated controller.

■ **JS-1000 :**
JEIL MTECH's own software for MK-200BN and MCU-100N for Window program.
Spec. of Computer : Window XP, Vista, Window 7, COM PORT
Main function : Data backup and restore data, UP & DOWNload data

Auto feeding name plate system AFS-2000

The AFS-2000 is a Auto-feeding Nameplate System which can mark the serial number on the plate automatically or manually of plate mark. This machine is working automatically or manually accordingly operater's requestion.
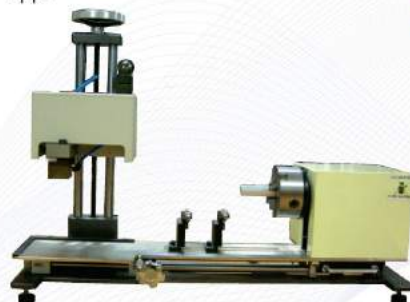

■ SPECIFICATION

Dimensions with connectors	Depending on customer applications
Weight	Depending on plate size
Case Material	Stainless Steel
compatible controllers	MCU-100N
Additional Info	- Double Air-Regulator for auto feeding
	- A four indicator LED light
	- Start, Reset and Feed switch
	- Auto or manual switch
	- Fuse in front - Double solenoid valve
	- Adjust screw - 2 air-cylinders
Dimensions with connectors	Depending on customer applications

NC Dot Peen Marking Machine Cylinder Unit (Model: CDC-20M)

CDC-20M is turning machine which is suitable to mark to pipe, cylinder, column or circle surfaces. The CDC-20M is holding machine by Air-pressure. The CDC-20M able to made by OEM for customers applications size. Possible to mark Hexagon Marking through CDC-20M

■ SPECIFICATION

Dimensions with connectors	25cm(width) X 30cm(Length) X 16cm(Height)
Weight	Depending on plate size
compatible controllers	MCU-100N

Pulsed-Fiber Laser

Specification of Fiber Laser

- Compact size
- Air cooling type
- No comsumable goods needed
  (Filters, Lamps, Flow Tubes, Diode Packs)
- 40% energy saving (Nd:20times beneficial
  as compared with ND:YAG)
- Min maintenance is more than 100,000 hrs.

Typical Specifications

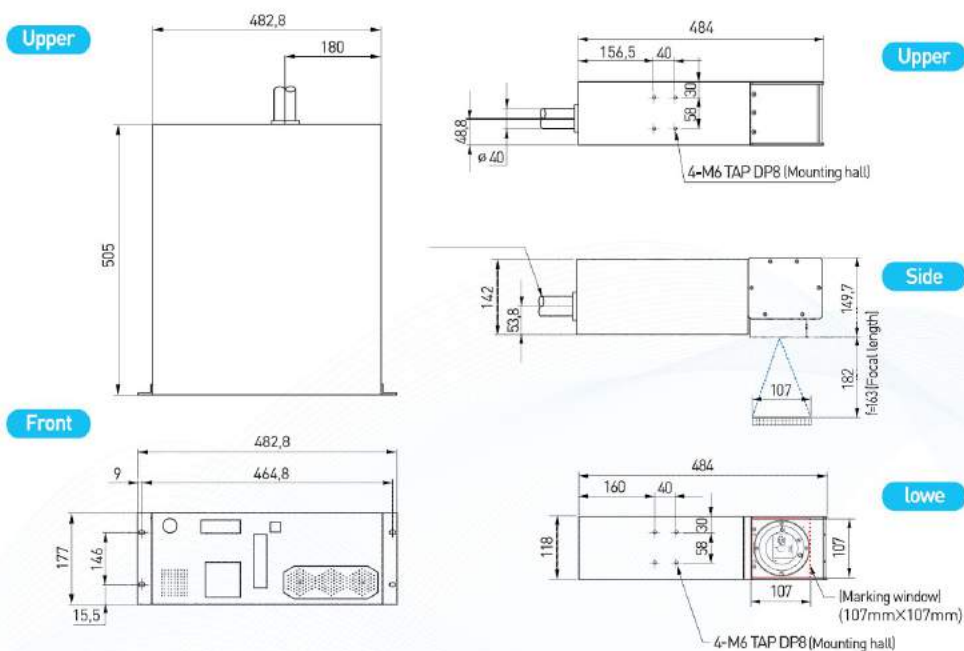| Model	20RM
Average power	20W
Mode of operation	RM only support PULSED
Wave length	1064 ± 5nm
Frequency	20 ~ 200 kHz
Pulse width	100 nsec
Operating temperature range	Temperature : 0~45℃ / Humidity 5~95%
Input power Single	Single-phase 220V/8A
Interface	Ethernet, RS-232, I/O
Cooling	Air cooling
Size	505(W) × 483(L) × 177(H)mm
Weight	25kg
P.C	G620 2.6GHZ, HDD 500G × 2, 4G-Ram, Windows 7 32bit
Cable length	3 Meter

Scan Head

Focal length (f)	163mm	254mm
Working length (L)	182mm	306mm
Marking window	107×107mm	160×160mm
Weight	2kg	2kg
Size	118(W) × 484(L) × 142(H)mm	118(W) × 484(L) × 142(H)mm

Dustproof rack cabinet

● Specification of dustproof rack cabinet.

- Installation of air-conditioner duct for the best cooling effect
- Full anti-vibration design to reinforce for the stability.
- Installation of LED lighting for maintenance
- Prevent indoor pollution by separated keyboard room.

Upper — 482,8 / 180 / 505

Upper — 484 / 156,5 / 40 / 58 / 30 / 48,8 / ø 40
4-M6 TAP DP8 (Mounting hall)

Side — 142 / 53,8 / 149,7 / 182 [f=163] [Focal length] / 107

Front — 482,8 / 464,8 / 9 / 177 / 146 / 15,5

lowe — 484 / 160 / 40 / 58 / 30 / 118 / 107 / 107
[Marking window] (107mm×107mm)
4-M6 TAP DP8 (Mounting hall)

SAMPLE / Vehicle part&Tools

Fiber Laser
EZ Writer F-10

Cost effective 10W Fiber Laser marking machine

Typical Specifications

Model	EZ Writer F-10
Average power	10W
Mode of operation	RM only support PULSED
Wave length	1064 ± 5nm
Frequency	20 – 40 kHz
Pulse width	100 nsec
Operating temperature range	Temperature : 0–45℃ / Humidity 5–95%
Input power Single	Single-phase 220V/8A
Interface	Ethernet, RS-232, I/O
Cooling	Air cooling
Size	505(W) × 483(L) × 177(H)mm
Weight	25kg
P.C	Option
Cable length	3 Meter

Scan Head	163C	163V
Focal length (f)	163mm	
Working length (L)	182mm	
Marking window	107×107mm	110×110mm
Weight	2kg	2.3kg
Size	108(W) × 341(L) × 132(H)mm	118(W) × 349(L) × 150(H)mm

Focal length (f)	254mm
Working length (L)	306mm
Marking window	160×160mm
Weight	2kg
Size	108(W) × 341(L) × 132(H)mm

SAMPLE / Electrical and electronics parts

JEIL MTECH

CO₂ Laser
EZ Writer 10

CO₂ Laser EZ Writer10

CO₂ Laser
EZ Writer 10

● Specification of CO2 Lawer EZ Write10

- Clean work environment (No ink needed)
- Eternal marking
- Possible to do install any direction
- Possible to do external marking on micro-moisture
- Min maintenance is more than 45,000 hrs.

Specification of EZ Writer CO₂ Laser Marking

Possible to do fast marking to Non-Metal material by laser beam.

Marking speed of Co₂ laser marking machine is entirely different from existed Ink-Jet, Electric chemical and dot peen marking machine and many font and logo can be marked through S/W. Also no physical load by non-contact marking.

Low failure and easy to maintenance than Ink-Jet marking M/C.
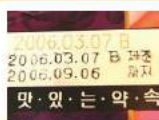
Released from blockage of the nozzle and ink leak which happen frquently to Ink-Jet marking machine.
Easy to maintenance. Good quality of marking possible because laser source will be recharged after 45,000 hrs.

Easy to use by easy way of working type of GUI.

As the menu configulation of GUI type using P.C, every can mark to the products easily and easy to user approach through various application menu.

Application pics of marking

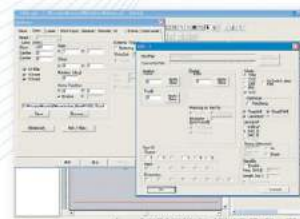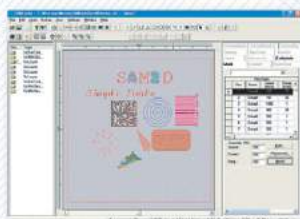| paper | wood | plastic | Vinyl resin | printed tare | glass |

CO₂ Laser
EZ Writer 10

Application software

- True type fonts marking
- Single point and drill objects array
- Marking on all property is designated by direct encording type.
- The mumber of opened JOBs can be converted by one mouse click.
- In order to arrange easily for Background template and mark,
- it will be displayed on the screen
- Variety graphics : HPGL, WMF, DXF, EPS, JPEG, GIF, PCX, BITMAP
- Shaded graphics : Photo hyphen & Grayscale image markin.
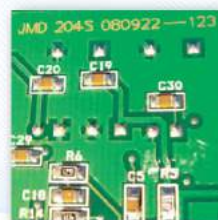
*Barcord marking

*Logo marking

*Circular marking

Typical Specifications

Division	UL-10	UL-30
Laser Type	Sealed type RF Driven CO2 Laser	
Laser wavelength	10.57~10.63um	
Laser power	10W	30W
Speed(cha/sec)	400CPS	600CPS
Marking Window	110 x 110mm	
Focal length	152mm	
User interface	Letter form Ture type font, Multi-language support	
Laser Head size	718(W) x 170(D) x 128(H)mm	700(W) x 185(D) x 165(H)mm
Laser Head weight	15KG	19KG
CPU size	430(W) x 525(D) x 85(H)mm	
CPU weight	11KG	
Input signal	STRAT, RESET, STOP	
Output signal	READY, WORKING, ALARM	
Speed sensing of work piece	SHAFT ENCODER Fixed sensor detect	
Control method	RS-232, ETHERNET	
PC	G620 2.6GHZ, HDD 500G x 1, 4G-Ram, Windows 7 32bit	
Electric	Single-phase 220V 8A	
Operating temperature	15°C ~ 40°C	
Operating Humidity	5 ~ 95%	
Option	Red pointer, ENCODER (on THE FLY)	

BLACK MAMBA
Pulsed · Fiber Laser

CO₂ Laser
EZ Writer 10

Fiber&CO2 Marking Machine

Fiber&CO2 Marking Machine

Marksman

JEIL MTECH
Professional Marking System

#909, SK⬤Technopark Mega-dong, 190-1,
Sangdaewon-dong, Joongwon-gu, Seongnam-si,
Gyeonggi-do, Seoul, 462-120 Korea
TEL +82-31-776-0803 **FAX** +82-31-776-0807
e-mail isaac@pinmarking.com
tech@pinmarking.com

www.pinmarking.com
www.pinmarking.com/eng/mobile

Authorized business partner

TECHSYSTEM
INDUSTRIAL TECHNOLOGY

TECHSYSTEM   Nasze biuro:

Lipowa 1324   ul. Wrzosowa 18

34-324 Lipowa   43-300 Bielsko-Biała

POLSKA

tel. (33) 816 73 61   fax. (33) 816 73 62

info@techsystem.pl