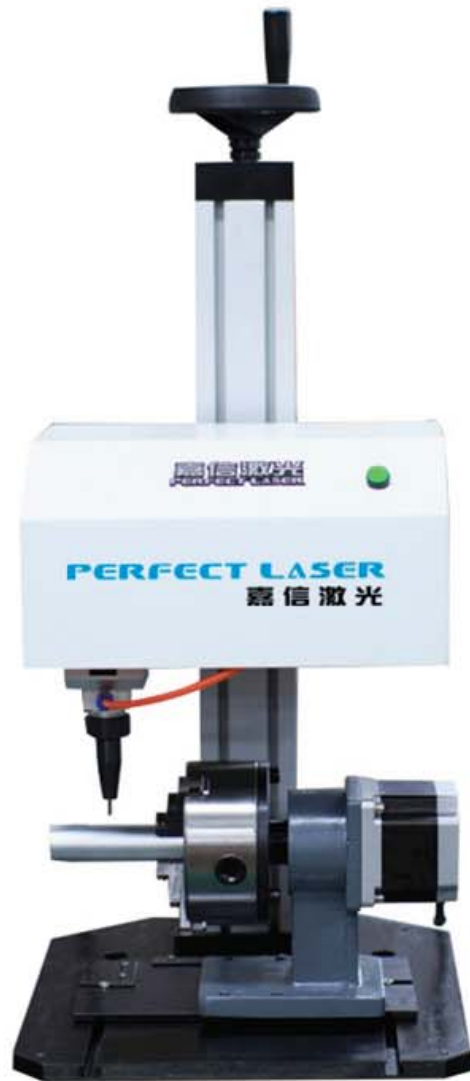


**PERFECT LASER**

# LCD Control Industrial Dot Peen Marking Machine

(Model: PEQD-025E)

Permanently Marking  
Marking Expert For You



**P**erfect Laser's Industrial Dot Peen Marking Machine (Model: PEQD-025E) is suitable for both Flat Marking and Rotary Marking. It is a industrial marking equipment which can mark logo (characters, letters, VIN code, serial numbers, date and graph) on work piece (metal or no-metal materials) permanently.

## Applicable Material

It is adequate for marking characters, letters, serials numbers and VIN codes on bodywork of motorcycles, connecting rods, engines, steel pipe, cylinder and cylinder various stepper motors and mechanical parts, machine tools, metal pipes, pump bodies, valves, fastening pieces and various hard plastic products.



## Application

It is applicable for the fields of automobile  
motorcycle, mechanism  
petroleum, aeronautical and space  
electric apparatus and  
suitable for markings on steel  
metal  
nonmetal and plastic materials



- 1 It enables flat surface marking as well as circumference marking of the work piece.
- 2 Applying the most widely used up-down lifting structure to realize multi-functions.
- 3 Controlled by computer, with the easy-to-operate WINDOWS system, Perfect Laser's professional marking software has a wide application and can operate under WINDOWS XP.
- 4 Powerful edit function. It can mark any logo (character, letter and graph, data code, series number, VIN code, engine numbers) automatically.
- 5 It can support logos and graphs designed in DXF format from AutoCAD, CorelDraw.
- 6 It can support multi-kinds font: MG Font, SHX Font in Auto CAD, CHR in Borland, and TTF in Windows.

**Machine Description**

**Dot Peen Marking Machine**

**Model**

**PEQD-100E**

**PEQD-025E**

**PEQD-030E**

**Machine Type**

**Flat Marking**

**Flat + Rotary Marking**

**Portable type**

**Rotary Function**

**No**

**Yes**

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**No**

**Standard Marking Area:**

150mm×100mm

**Optional Marking Area:**

300mm×200mm / 400mm×300mm / 200mm×100mm

**Marking Depth:**

0.01~2mm

**Marking Speed:**

≤50mm/s (for characters height of 3mm / 3-4 numbers /second)

**Lifting Range:**

0-300 mm

**Marking Accuracy:**

0.01 mm

**Pin Hardness:**

HRA92

**Power Supply:**

220V±10%, 50HZ

**Air Pressure:**

0.2-0.6 Mpa

**Machine Power:**

≤400 W

**Working Environment:**

-5~40 °C

**Whole Machine Weight:**

**60 Kgs**

**75Kgs**

**45 Kgs**



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## **Marking Head**

**Moves on the Imported Linear Guild Rail**  
**Can Automatically Lubricate**  
**Air-Proof, Dust-Proof**





## Core Aviation Plug

Good Performance and Durability  
Safe Using



## Control Box

- No need PC, Easy Operate
- Integration Design
- Small Size
- Simplify Structure



**Marking  
Pin head**

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[www.perfectlaser.net](http://www.perfectlaser.net)

Made by Imported Hard Alloy,  
by Particular Technology,  
The Rigidity is can Reach 92 HRA.



**Exhaust  
Fan**

**PERFECT LASER**  
[www.perfectlaser.net](http://www.perfectlaser.net)

Special Design  
to Exhaust the Heat Inside of Machine  
Ensure Machine Long Term Working





# Stepper Motor

**PERFECT LASER**  
[www.perfectlaser.net](http://www.perfectlaser.net)

High Stable Performance,  
High Precision

# Stepper Driver

**PERFECT LASER**  
[www.perfectlaser.net](http://www.perfectlaser.net)

Low Noise, High Frequency  
Little Vibration, Low Temperature Rise

**PERFECT LASER**  
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## **Linear Guide Rail**

**Automatic Lubrication**

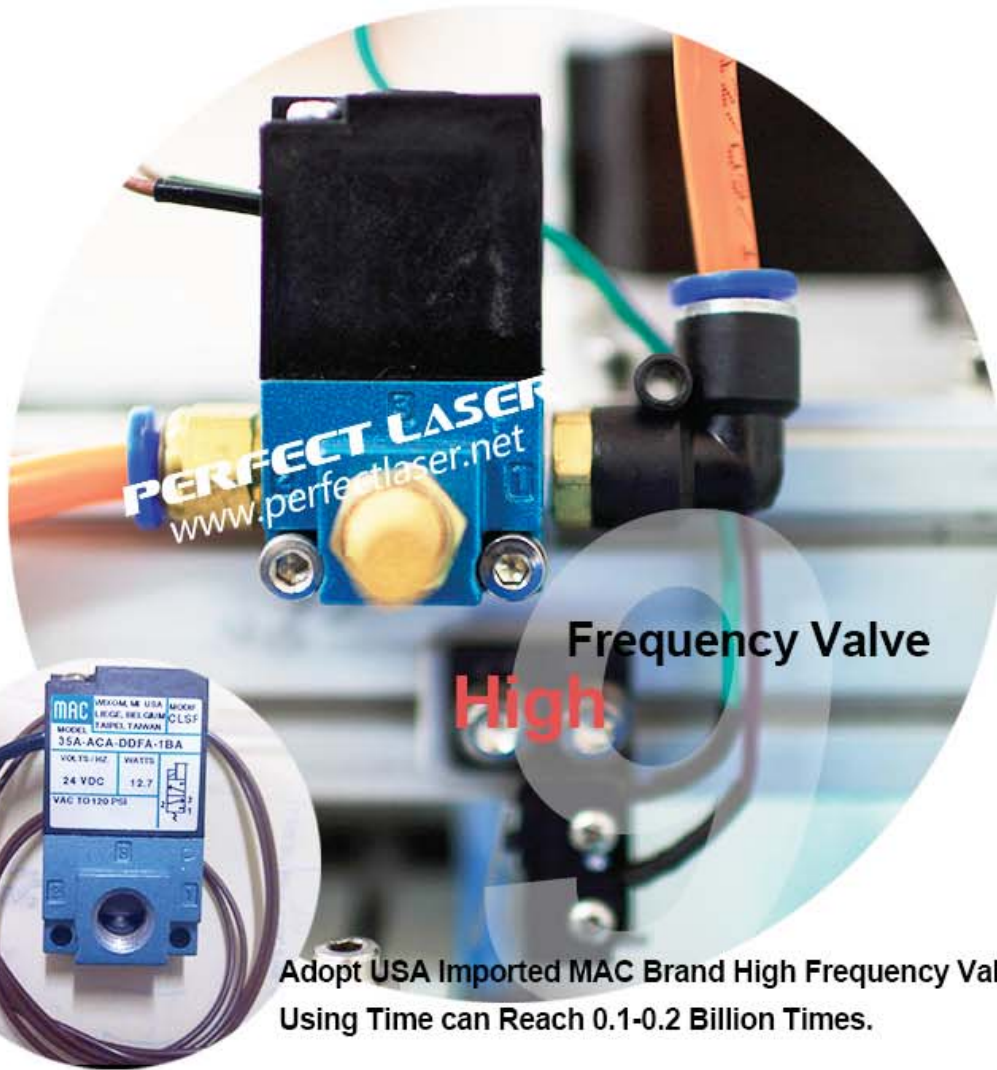
**Low Running Noise**

**Running Smoothly**

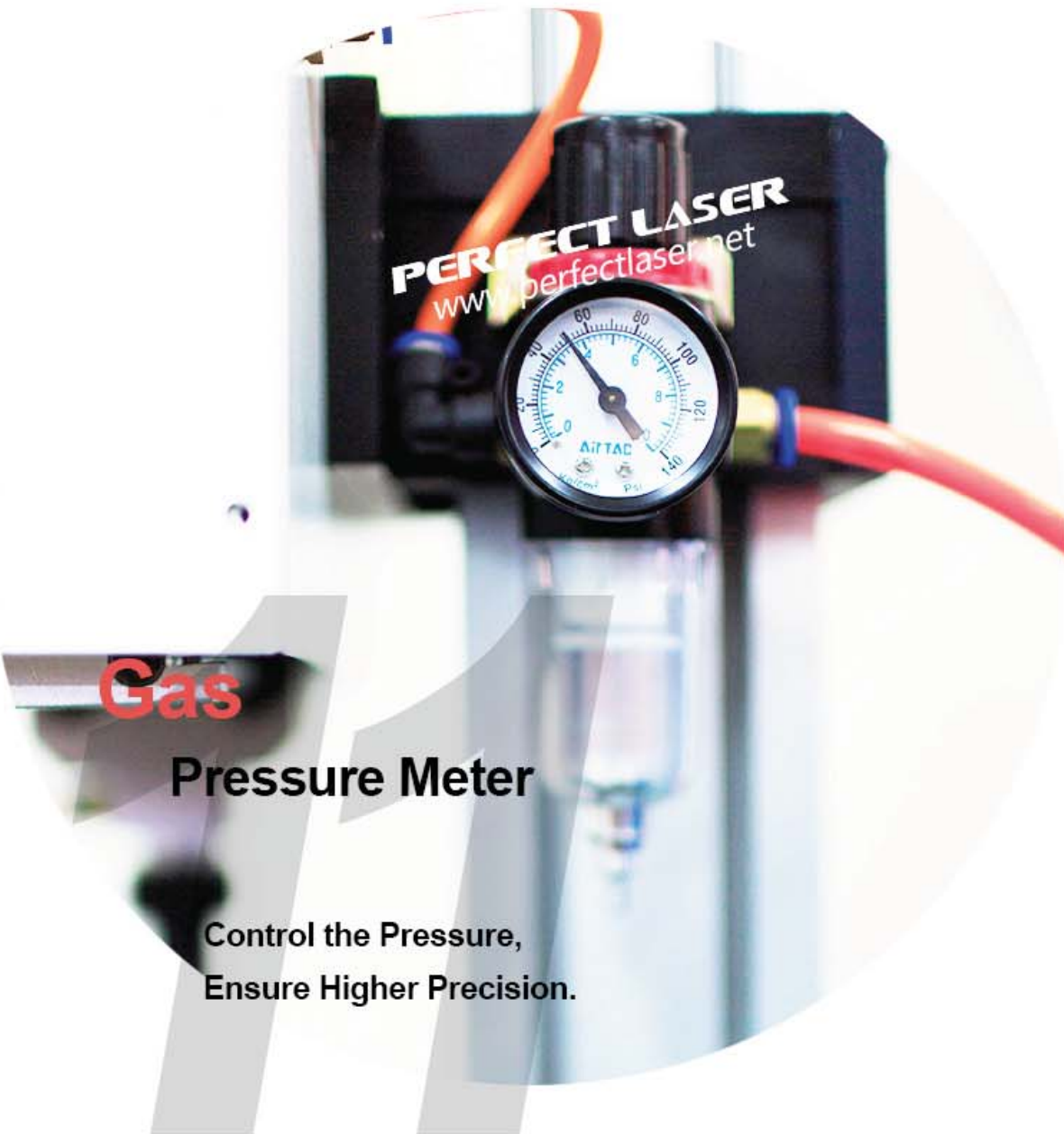
**Easy Maintenance**

**High Reliability**









**Gas**

**Pressure Meter**

Control the Pressure,  
Ensure Higher Precision.



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www.perfectlaser.net

**Bottom  
plate**

Adopts Thick and Solid 45# Steel,  
Heavy Loading.



## Lifting Handle

Easy Adjusting the Height of Marking Head  
Operated Easily, Energy Saving  
The Adjustable Height can Reach to 305mm.



## Marking Head Cover

Compact Structure, Beautiful  
Dust-Proof, Water-Proof





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## **Marking Pin head**

The Marking Pin/ Needle Adopt Imported Hard Alloy,  
and is Made up by Precision Mould  
and Molding for Once.

The Rigidity of Marking Needle can Reach-92HRA. **14**



## 1 Nameplate Fixture



## Nameplate Marking Sample



Special design for fix the nameplate when marking,  
to avoid its shacking during marking,  
to make the marking more stable.



**PEQD-100E**  
Flat Marking



**PEQD-025E**  
Flat + Rotary Marking



**PEQD-030E**  
Portable Type

## How To Choose Your Suitable Model?

We have 5 types dot peen marking machine:

- Planar Marking Type
- Rotary Marking Type
- Portable Marking Type
- LCD Control Type
- Multi-functional type

## Relative models

### Models

PEQD-100 /  
PEQD-100E

PEQD-025 /  
PEQD-025E

PEQD-030 /  
PEQD-030E

### Types

Planar Marking Type   Rotary Marking Type   Portable Marking Type

Suitable for flat surface marking logos, characters, letters, serial numbers and VIN codes on various kinds of metals such as steel, stainless steel, iron, copper, aluminum, alloys, etc., and hard non-metal labels & accessories.

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Widely used in the fields of automobile, motorcycle, mechanism, petroleum, aeronautical and space, electric apparatus and suitable for markings on steel, metal, nonmetal and hard plastic materials.

Adequate for both flat surface marking and rotary marking on various kinds of metals such as steel, stainless steel, iron, copper, aluminum, alloys, etc., and hard non-metal labels & accessories.

Due to the rotary marking function, these models are widely used for marking characters, letters, serial numbers and VIN codes on bodywork of motorcycles, connecting rods, engines, steel pipe, cylinder and cylinder various stepper motors and mechanical parts, etc.

Especially for marking on large-sized and unmovable metal items, and some hard nonmetallic work pieces, also can work with pipelining.

Due to its small size and portable type, this model is widely used for marking characters, serials numbers and VIN codes on automobile or bodywork of car frames, automotive chassis, connecting rods, petrol pipe, crossbeam, mechanical parts, machine tools, metal pipes, pump bodies, fastening pieces, etc.

### Applications



- \* 12 Months Guarantee
- \* 5-7 Working Days Lead Time
- \* VCD Training , Easy Installation
- \* 12 Hours Response
- \* TT/Western Union / Paypal / Ali Trade Assurance Payment
- \* Sea Shipping

## Packing

Model	L*W*H	Volume	Weight
PEQD-025E	52*57*84cm	0.25CBM	75 Kgs