

Industrial Dot Peen Marking Machine

(Model: PEQD-100)



- * Permanently Marking
- * Marking Expert For You

Perfect Laser's Industrial Dot Peen Marking Machine (Model: PEQD-100) 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
- 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.
- 7 Marking contents could be saved automatically and not be destroyed during power-off of the machine.

Machine Description

Dot Peen Marking Machine

Model

PEQD-100

PEQD-025

PEQD-030

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:

50 Kgs

60 Kgs

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

Integration Design
Small Size
Simplify Structure



**Marking
Pin head**

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



**Exhaust
Fan**

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



Stepper Motor

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High Stable Performance,
High Precision

Stepper Driver

PERFECT LASER
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Low Noise, High Frequency
Little Vibration, Low Temperature Rise

PERFECT LASER
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Linear Guide Rail

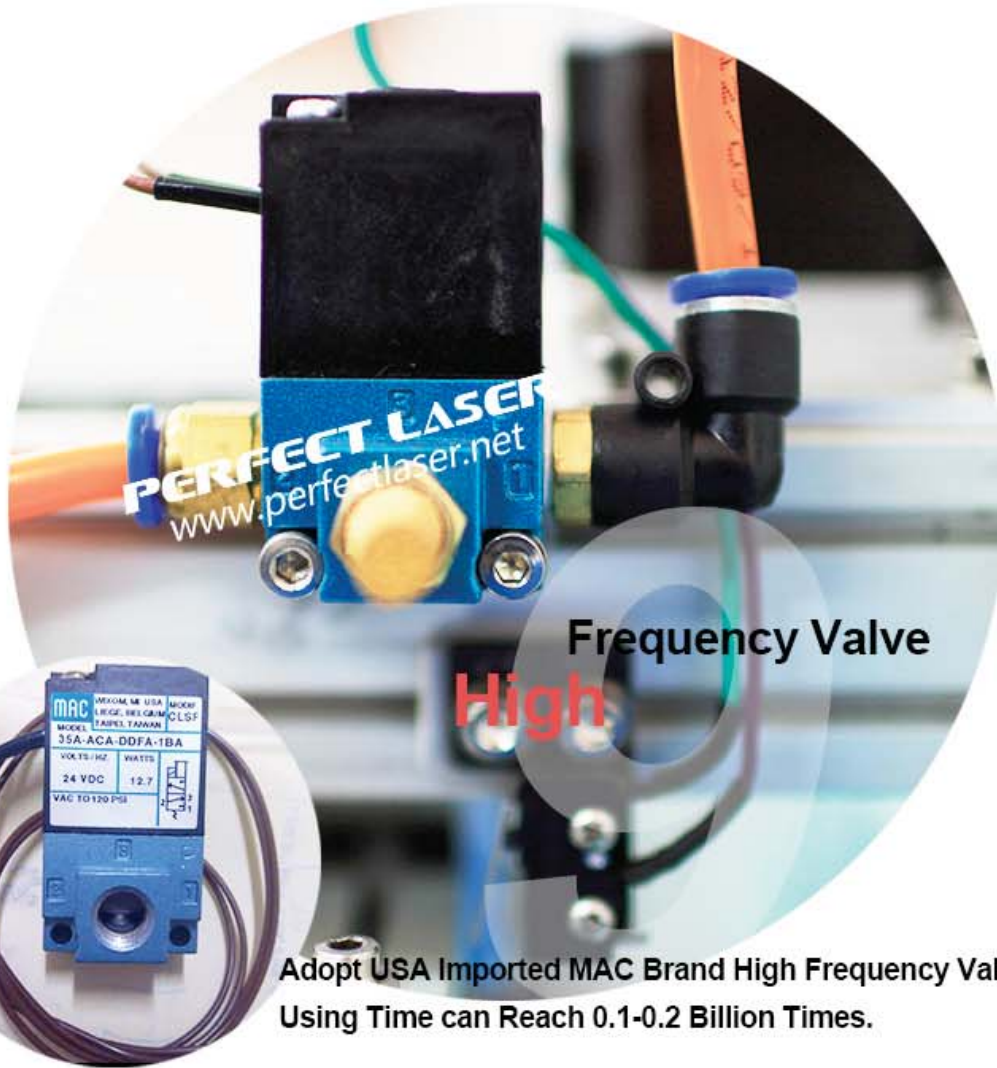
Automatic Lubrication

Low Running Noise

Running Smoothly

Easy Maintenance

High Reliability



High Frequency Valve

Adopt USA Imported MAC Brand High Frequency Valve.
Using Time can Reach 0.1-0.2 Billion Times.



Reducing Value

Control the Pressure of Machine,
Make Sure Its' Long Term Working.



Gas

Pressure Meter

Control the Pressure,
Ensure Higher Precision.



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**Bottom
plate**

Adopts Thick and Solid 45# Steel,
Heavy Loading.



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Lifting Handle

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



14

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▲ Rotary Fixture for Marking on Cylinder Parts



▲ Rotary Marking Sample

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-100
Flat Marking



PEQD-025
Flat + Rotary Marking



PEQD-030
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-100	47*50*83cm	0.21CBM	50Kgs