

Portable Dot Peen Marking Machine

(Model: PEQD-030)



1.

**Permanently
Marking**

2.

**Marking Expert
For You**

3.

**Portable
structure**

4.

Easy Operation

Perfect Laser's Industrial Portable Dot Peen Marking Machine (Model: PEQD-030) is suitable for marking on some objects that are large size and not easy to move, such as large size valves and frame.

It is a industrial marking equipment which can make 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.



1. It is portable, suitable for marking on some objects that are large size and not easy to move.

2. With two separate-body design, convenient operation

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 Name	Portable Dot Peen Marking Machine	
		
Model	PEQD-030	PEQD-030E
Machine Type	Portable Marking	LCD Control + Portable Marking
Standard Marking Area	135mm×20mm	
Optional Marking Area	90mm×20mm, 125mm×20mm 150mm×100mm, 200mm×100mm	
Marking Depth	0.01~2mm	
Marking Speed	≤50mm/second (for characters height of 3mm / 3-4 numbers/s)	
Lifting Range	0-300 mm	
Marking Accuracy	0.01 mm	
Pin Hardness	HRA 92	<small>PERFECT LASER www.perfectlaser.net</small>
Power Supply	220V±10%, 50HZ	
Air Pressure	0.2-0.6 Mpa	
Machine Power	≤400 W	
Working Environment	-5 ~ 40 °C	
Making Head Weight	3 Kgs (Portable)	
Whole Machine Weight	25Kg	18kg

1 Marking System

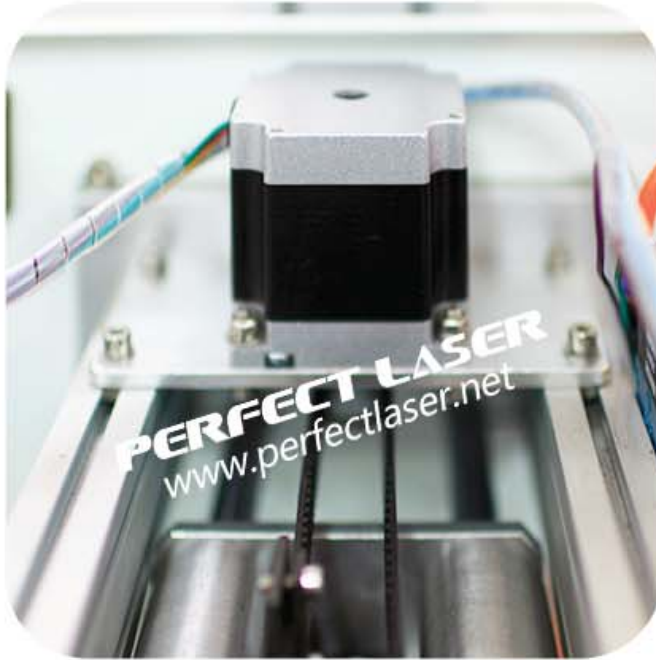
Moves on the Imported Linear Guide Rail
Automatically Lubricate
Air-Proof, Dust-Proof



2 XY 2D Moving System

Adopt Imported Linear Guide Rail,
Smooth & Fast Moving





3

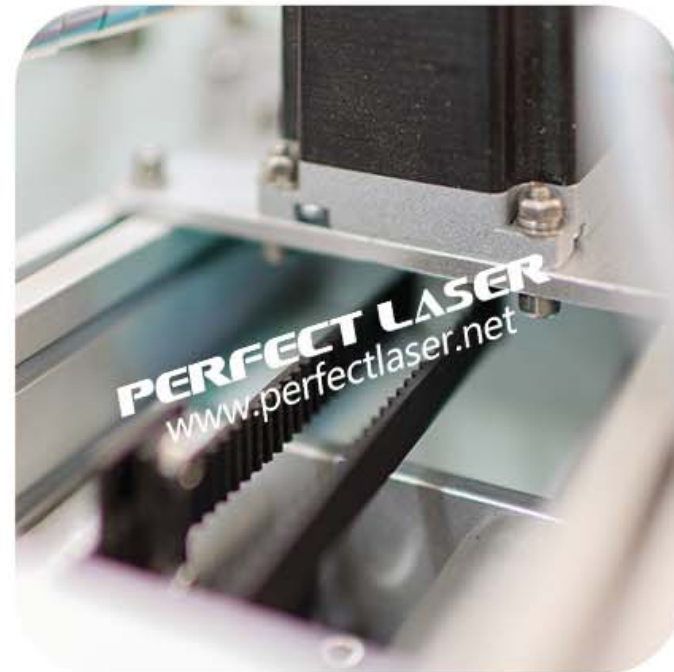
Stepper Motor

High Stable Performance
Ensure High Precision

4

Synchronous Belt

Accurate transmission
Long life time
Improve the working efficiency



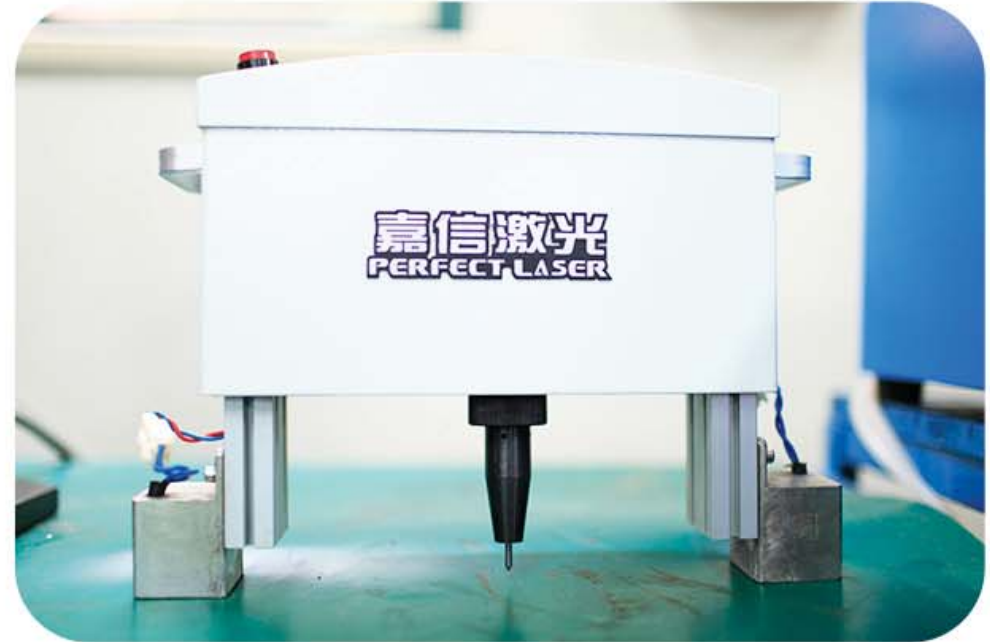
5 USA Imported High-frequency Valve

Using time can reach 0.1-0.2 billion times.



6

Portable handle In 2 Sides



7

Absorbing System

Can heavily absorb in large work pieces, enable precise marking.



8

Marking Pinhead

Made by Imported Hard Alloy
Rigidity can reach 92 HRA.



9

Marking switch

Convenient designed
Just press it for marking
No need operate on PC



11

Marking Pinhead

The marking pinhead adopt imported hard alloy precision mould and molding.
Rigidity can reach 92HRA.



1

Control Box

Integration design
Small size
Simplify structure



2

Stepper Driver

Low noise, High frequency
Little vibration, Low temperature rise





3

19 core Aviation Plug

Good performance
Durability, Safe

4

Exhaust Fan

Special design to exhaust the
heat inside of machine
Ensure machine long term working





5

Reducing Value

Control the pressure of machine.

6

Gas-pressure Meter

Control the pressure,
ensure higher precision.





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

Choose it according to different functions:



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.

Applications

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.

- * 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 **Portable Dot Peen Marking Machine PEQD-030**

Length (m)	Width (m)	Height (m)	Measurement (m3)	Net weight(kg)	Gross weight(kg)
0.49	0.39	0.84	0.2	28	45