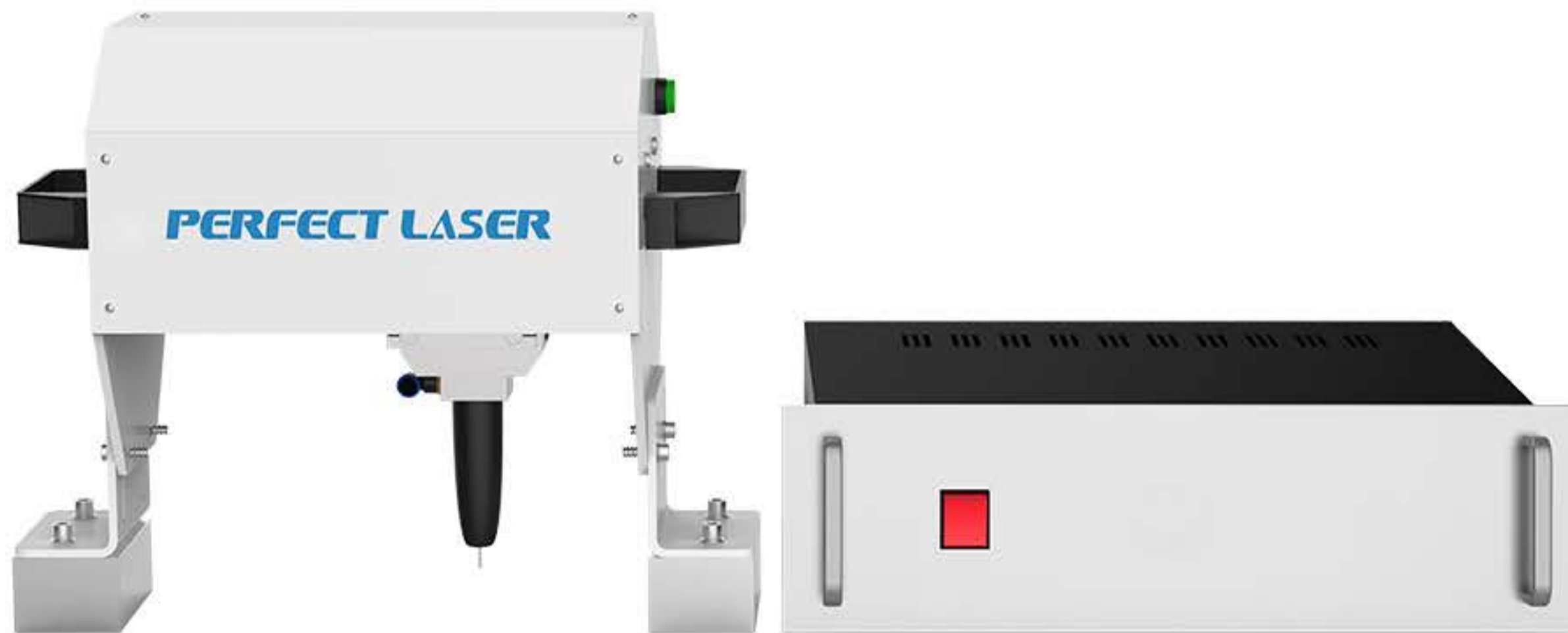


**PERFECT LASER**

# Portable Dot Peen Marking Machine

(Model: PEQD-030)



## Main Features

**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 Industry

Autocar, Motorcycle, Mechanism, Petroleum, Aeronautical and Space, Electric apparatus.



## Applicable Material

It is adequate 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, 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	
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

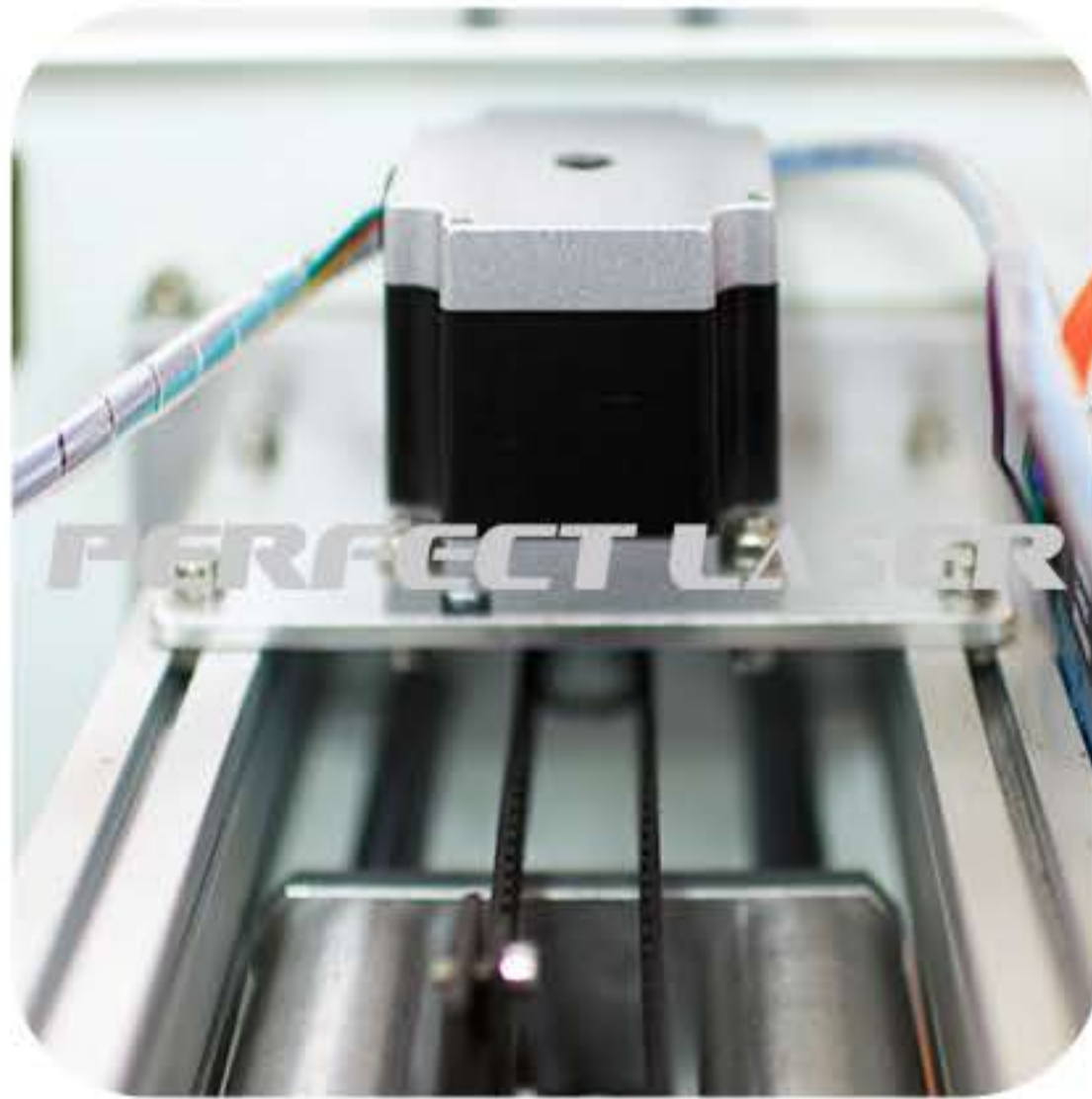
Moves on the Imported  
Linear Guild Rail  
Automatically Lubricate  
Air-Proof, Dust-Proof



## 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

Choose it according to different functions:

Models	PEQD-100 / PEQD-100E	PEQD-025 / PEQD-025E	PEQD-030 / PEQD-030E
Types	<div style="display: flex; justify-content: space-between;"> <span>Planar Marking Type</span> <span>Rotary Marking Type</span> <span>Portable Marking Type</span> </div>		
Applications	<p>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 &amp; accessories.</p> <p>Widely used in the fields of automobile, motorcycle, mechanism, petroleum, aeronautical and space, electric apparatus and suitable for markings on steel, metal, non-metal and hard plastic materials.</p>	<p>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 &amp; accessories.</p> <p>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.</p>	<p>Especially for marking on large-sized and unmovable metal items, and some hard non-metallic work pieces, also can work with pipelining.</p> <p>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.</p>



- \* 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**

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