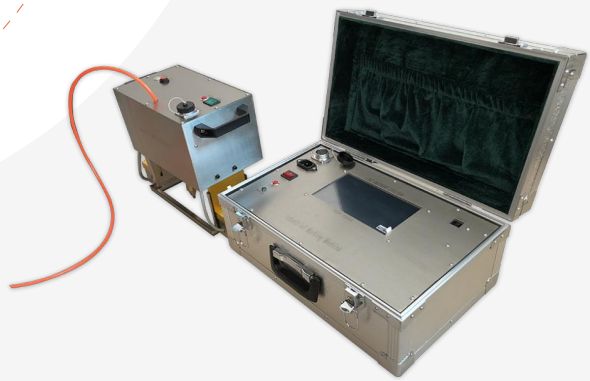
HeatSign

The Science of Marking

Empower Precision
Inspire Creation



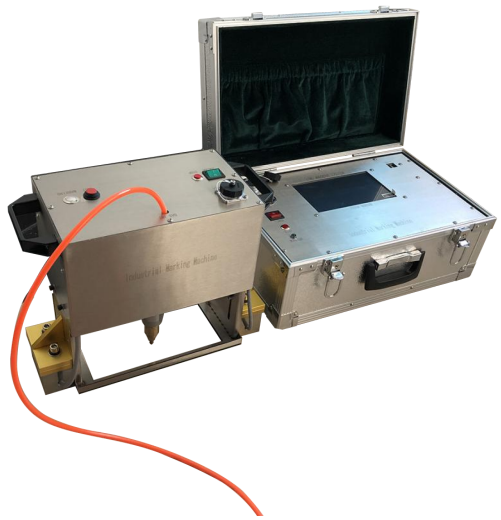
Pneumatic Dot Peen Deep Marking Machine

HS-PE01-P

www.heatsign.com

Overview of Pneumatic Dot Pin Marker

HeatSign's Pneumatic Dot Punching Machine offers advanced marking technology for deep, precise markings on large metal parts. Built for durability and versatility, it's perfect for various industrial applications, even in harsh environments. Its user-friendly interface and multi-font system make it accessible for all skill levels, ideal for automotive, aerospace, and manufacturing industries. This machine provides a comprehensive, efficient solution for all your marking needs, ensuring ease of use and reliable performance.



Enhanced Marking Precision:
Provides accurate markings for complex designs.

Depth for Durability:
Creates marks for effective long-term identification.

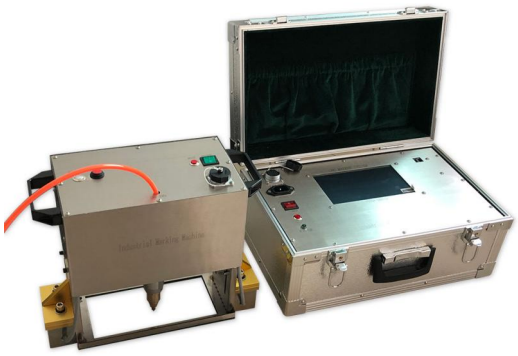
Ease of Maintenance:
Designed for simplicity, requiring minimal upkeep.

Robust for Tough Environments:
Engineered for resilience in challenging industrial conditions.

Versatile Application Range:
Well-suited for multiple sectors, such as automotive , aerospace, and general manufacturing.

At HeatSign, we're not just offering a product, but a commitment to precision and innovation in marking solutions.

Features & Benefits



Precise & Clear Marking:

Delivers sharp, accurate marks essential for product identification and tracking.

Durable Markings:

Ensures long-lasting, traceable marks, reducing the need for re-marking.

Specialized Task Efficiency:

Ideal for tasks like VIN and chassis punching, streamlining processes.

User-Friendly Operation:

Simple to operate for all skill levels, minimizing training requirements.

Versatile Marking Capability:

Flexible for different marking tasks, from detailed to robust applications.

Cost-Effective in the Long Run:

Durable construction and low maintenance lead to significant cost savings.

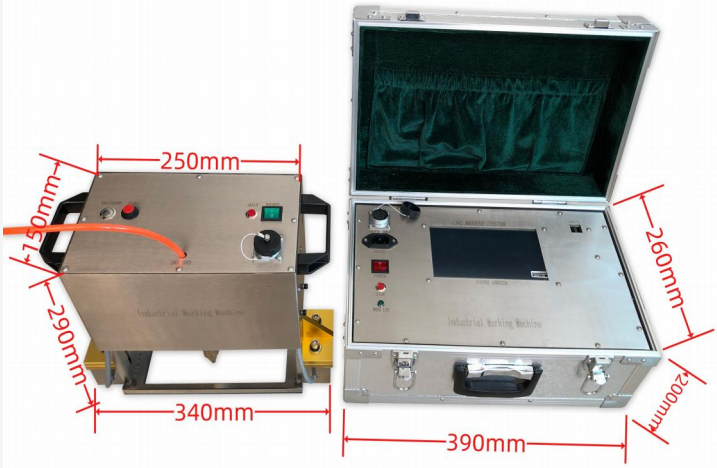
Reliable Performance:

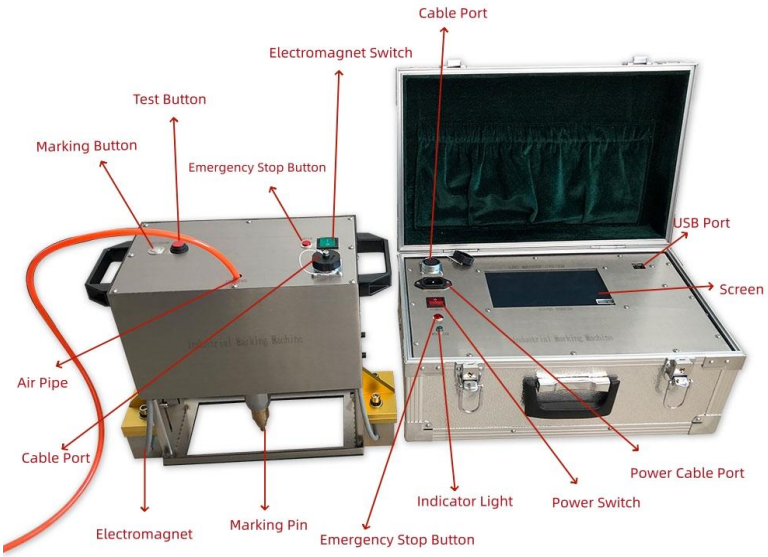
Consistently dependable in various conditions, ensuring smooth operations.

These features offer a reliable, efficient, and cost-effective solution for your marking and engraving needs.

Machine Specification

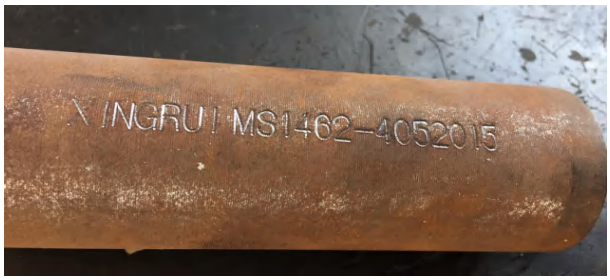
Type of Marking Machine	Handheld Punching Machine
Controller	Built-In Software and Touch Screen
Standard Marking Area	140mm x 60mm
Optional Marking Areas	120mm x 40mm
Base Support	Electromagnetic basement
Marking Speed	35mm~45mm/s
Impact Frequency	300 times/s
Warranty of core components	1 year
Preciseon Repeatability	0.01mm
Marking Depth	0.04mm~0.9mm（depends on your material）
Power Supply	220V 50HZ or 110V 60HZ (+-10%)
Air Power Request	0.3Mpa ~ 0.7Mpa
Marking Speed	0-8000mm/s
Humidity:	0-80% (Non-condensing)
Temperature:	From 0 to 40 Centigrade Degree





Machine Applications

HeatSign's pneumatic marking machine is more than just a tool, it's a versatile solution designed to meet the diverse needs of various industries. Its wide range of applications makes it an indispensable asset in many fields.



- **Automotive:** Marks VIN numbers on vehicles for compliance and identification.
- **Aerospace:** Essential for marking critical aircraft components with accuracy.
- **Heavy Machinery:** Suitable for durable markings on large metal parts in tough conditions.
- **Manufacturing and Fabrication:** Versatile for marking a variety of metal products and components.
- **Energy Sector:** Ideal for etching codes and information on energy equipment like turbines and generators.
- **Railway Equipment:** Marks identification and safety codes on railway components, crucial for maintenance and safety standards.
- **Construction Equipment:** Useful for marking construction machinery, aiding in asset management and theft prevention.

Accessories and Consumables

Air Pipe

Air Power Guage

Marking Pin

USB Flash Drive

Spanner

Power Adapter

This machine is a versatile tool that caters to diverse marking and engraving needs across industries.

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