HeatSign
The Science of Marking

HS-DE04

HS-DE05

PLATES/TAGS MARKING MACHINE

(HS-DE04/HS-DE05)

MARKING AREA: 160MM X 100MM

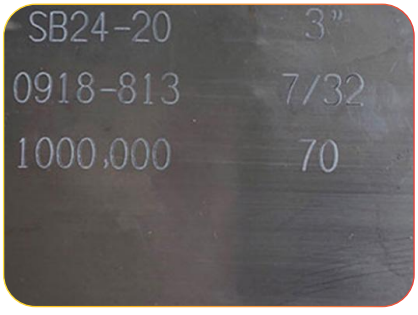
DOT PEEN MARKING TECHNOLOGY

The HS-DE series Plates/Tags is specific designed for metal tags, plates,lables marking and engraving. The HS-DE04 machine integrated a highly integrated touch screen and software. It is highly convenient to use for your everyday marking requirements. This highly precise and reliable marking unit helps in quick and accurate nameplate engraving. HS-DE05 can connect to computer software to work,then you can use more flexible function such as auto change content for high efficiency marking, highly versatile machine can for all kinds of metal tag engraving.

- Marking using hard tungsten alloy pins, which last for one year with normal usage.
- Compact construction provides reliable, efficient and quick marking.
- Clear and deep marking that creates permanent marks .
- You can put different thickness plates on table for marking without adjust
- The marking content include English letters and numerals, graphics, logos, dot matrix ,circled text and special symbols.

HS-DE series plate marking machine is compact and portable, no need connect air compressor to work, HS-DE04 your side just plug and play, HS-DE05 need connect computer to use, software is all windows support, the machine often engraves on follow parts,

- Aluminum Tags
- Steel Sheets
- Stainless Steel Tags
- Iron Plates
- Brass tags
- Zinc alloy plates

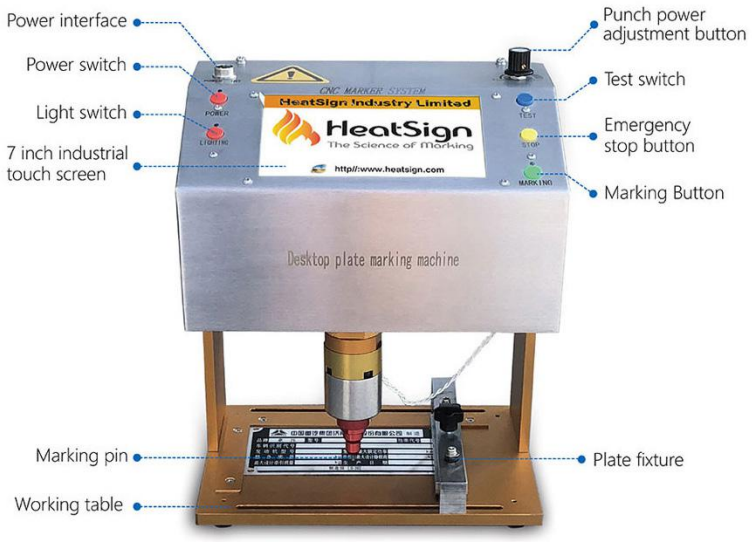


Features & Benefits

The plate marking machine is adopted latest technology, just connect electric power to work, no need air compressor. Computer or our touch screen system direct control of the machine, and helps to minimize the compatibility and latency problems common on many other engraving machines. The HS-DE series also has USB ports, you also can save your design file, connect mouse, keyboard etc.

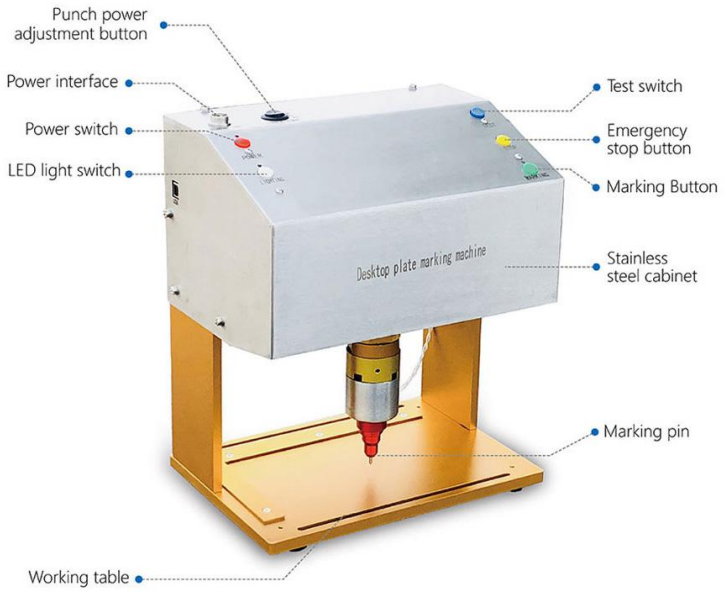
HS-DE04

High Quality Machine Design



HS-DE05

High Quality Machine Design



Ease of Use

- Robust and easy to install, no need connect air compressor.
- Easy to operate. We will supply detail manual guide.
- Low maintenance with long-life of the marking pins
- Low electrical consumption

Performance

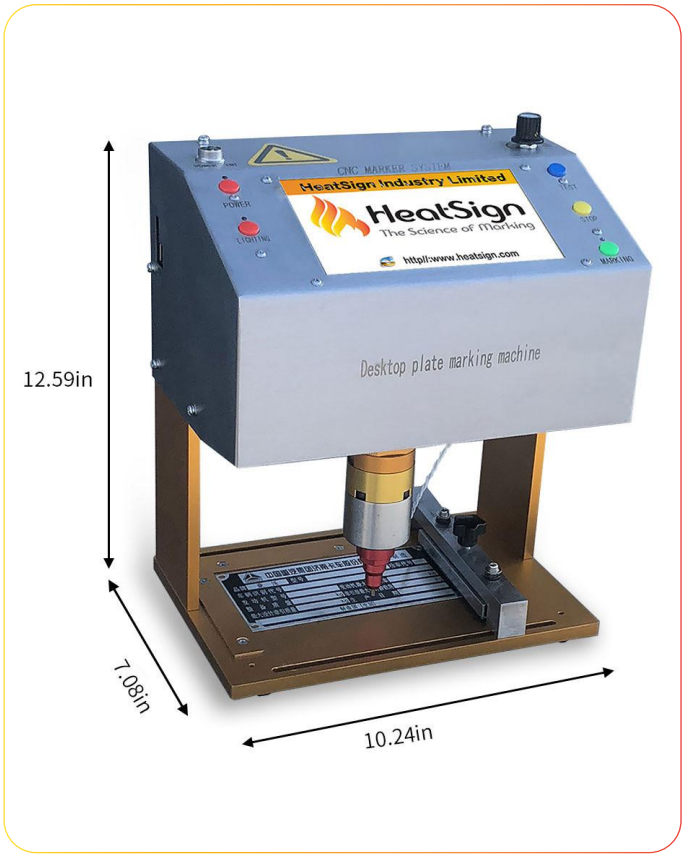
- High speed: 40mm – 50mm/S
- High marking precision and accuracy
- HEF technology can support uneven surface marking
- The machine can mark part hardness up to HRC60

Reliability

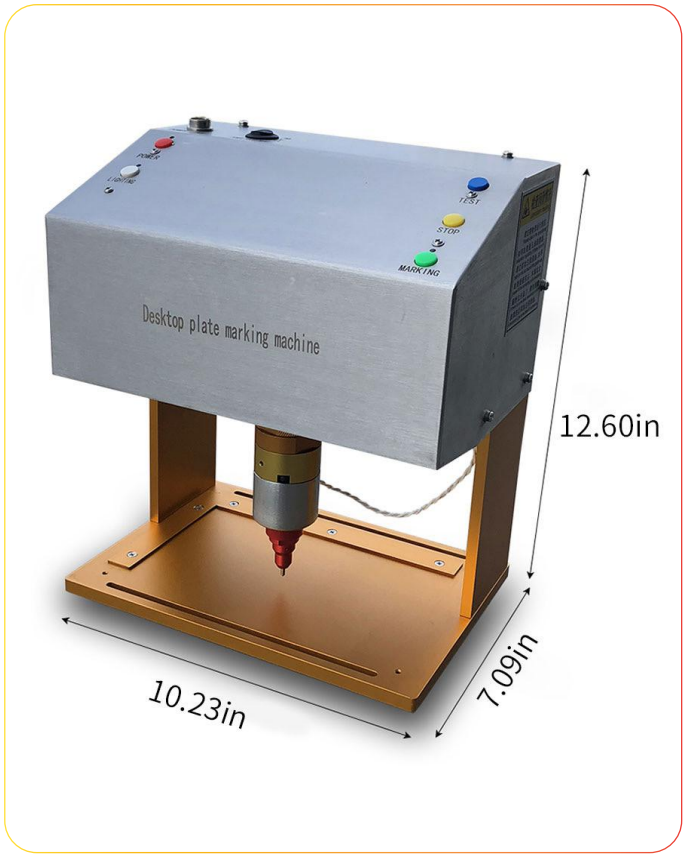
- Hard-alloy Tungsten marking pins
- Continue 24hours stable work
- Rated power 100V-240V 50HZ/60HZ

Customized is available

- Fixture holder for holding metal tags
- Marking window sizes



HS-DE04



HS-DE05

Technical Specification

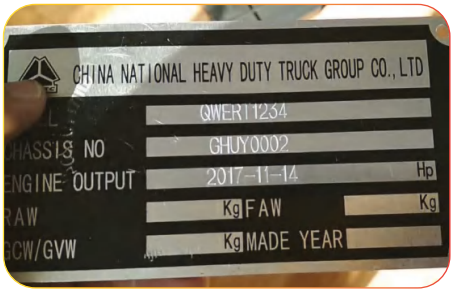
Model	HS-DE04/HS-DE05
Standard Marking Area	160mm x 100mm
Marking Speed	40mm ~50 mm/s
Impact Frequency	300 times/s
Repeated Accuracy	0.01mm
Marking Depth	0.1mm～2mm (depends on material)
Power Supply	AC 100V～240V 50HZ/60HZ
Control System	HS-DE04 integrated 7 inch touch screen/HS-DE05 need connect computer for work
Humidity	0-90% (Non-condensing)
Temperature	From 0 to 40 Centigrade Degree.
Marked Content	All English Characters, All Numbers, Variety of Graphics, Logos, Barcodes, Dot Matrix 2D codes, Circle Letters, Serial Numbers, etc.

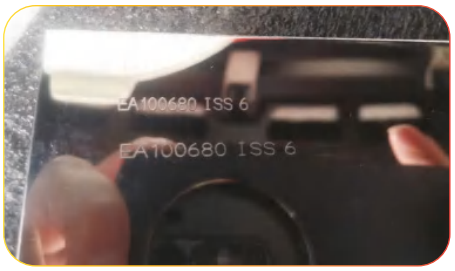
Applications and Materials

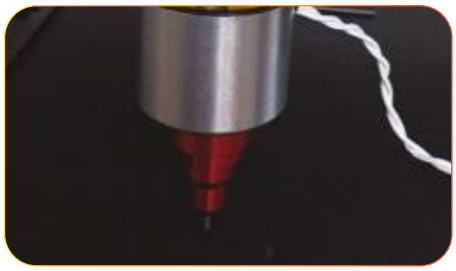
The HS-DE Series Integrated Dot Peen marking machine has been designed for ease of use and adaptability to a variety of applications and industries such as Electronics, Metal Processing, Vehicle, Medical and Aerospace. High precision levels and unmatched convenience are the traits it is endowed with.

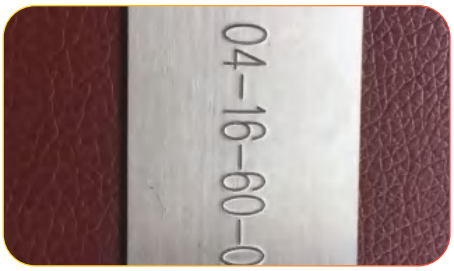
Marking

- Direct Part Marking (DPM)
- Component Identification and Traceability
- Stock Metal engraving & marking – Stainless steel, brass, aluminum, copper, titanium
- Metal tagging, labeling - Aluminum, steel, copper etc.
- VIN Code and Nameplate marking
- Time & Date marking
- Metal label marking
- Lot Numbering









Accessories

- Touch pen x 1
- Power adaptor with cables x 1
- Marking Pins x 4
- USB disk (include manual and video guides) x 1

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