

Manufactures of Etching, Engraving and Cutting Machines



World Class



Marking Machines

DOT PIN MARKING MACHINES



ETCHON MARKS CONTROL

Registered Office & Works:

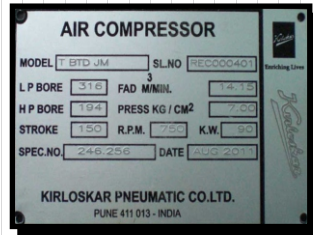
Sector A71 , Five Star MIDC Industria Area,
Shendra, Aurangabad - 431007, Maharashtra State, INDIA.

☎ +91 - 7770019657/59, 9923638463, 9422205163

✉ sales@etchon.com

🌐 www.etchon.com

" EtchON Dot Pin Marking Systems... "



EtchON Marks Control is a leading international provider of advanced EtchON Pneumatics and Electric Dot Pin Marker (DPM), for a range of applications, from engraving to industrial marking. EtchON Dot Pin Markers stand for quality, reliability, and innovation. EtchON offers best-in-class systems that deliver top performance, and custom solutions that can address every type of engraving and marking need. EtchON DPM is state-of-the-art equipment, designed to deliver quick, clean, quality results for a broad range of needs. **All the machines are ISO and CE Certified**

Basic Principal

The DOT PIN MARKER (DPM)...combined with computer, pneumatic or electric and precision machinery techniques. It is an industrial marking equipment which can mark on workpiece (metal / non metal materials) permanently. Input the printing contents into the computer, then according to the software, the control system will control the indenter working under a certain trajectory on X-Y two-dimensional plane, at the same time, affected by the compressed air, the marking pin will do reciprocate motion under a frequency of 200 times per second, resulting in the work piece to print out the beautiful character and graphics. The Indenter dotting and line on a surface with High Frequency and mark logo, it could mark character, alphanumeric, date, numbers, series No., VIN Codes, graphics etc with speed of 2-3 characters per Second

Hardware Features

- Requiring compressed air or powered by a standard 240-volt electric source.
- Highly configurable, fully programmable dot marking machine for most demanding applications in industrial environment.
- Robust, Modular construction, Cast table and column construction with unique head design.
- Stepper motor driven X, Y-axis controller.
- Supports LINE and DOT marking style with Plain, arc and Circumferences marking
- The LM guide ways driven marking head guarantees dot precision. Export series machines with Auto Lubrication
- Solid carbide Indenter options with different sizes available, supports Work Piece Hardness upto <HRC62.
- High Accuracy Stepper Motor with High Frequency original German Imported Solenoid Valve.
- High functionality software EtchON DPMCAD
- Standard one serial ports, USB Ports and digital I/O to ensure interfacing of tooling and control /IT systems.
- Windows software interface options allows user to control the system through PC enhancing networking and data storage capability

Software Features

- Supports Windows XP/ME/98/7 (32 Bit)
- Support multi-kind fonts
- Supports multi-language English, Spanish, Portugese, Russian
- Support linear, angular, radial, Inverted, mirror marking
- All the logo size could changeable
- Marking speed is changeable as required
- Supports Auto Increment serial number, 2D code, VIN code etc
- Support .PLT format graph from AutoCAD, CorelDraw
- Support Series No. and mass data marking one by one automatically
- External database and .TXT file support for automatic marking
- Marking content could be saved automatically and destroyed due to the electric break

Different Types of Dot Pin Marker Systems available

Different models are available depending on individual size of marking requirements. Dot Pin Markers are made in the highest standard of quality either it's a PC based model or Standalone model or Portable unit, all are recognized for its durability, stable performance, easy to operate software...

EtchON Pneumatic Dot Pin Marker , Model :DPM 301/DPM301D



EtchON DPM301/301D ", This is a perfect startup Pneumatic PC based Dot Pin Marking Machine suitable for small and light work piece support plain as well as arc marking. Marking head adopted the highest quality imported linear guide with Auto Lubrication (Export Series)

TECHNICAL FEATURES

- Marking Scope : 150 mm x 100 mm (100mm x 100mm- D Series)
- Marking Depth : 0.1 – 1 mm
- Controller : Column Mounted Portable / Desktop (D Series)
- Marking Style : LINE as well as DOT Marking (Plain & Arc)
- Connectors and Switches : IP Certified

EtchON Pneumatic Dot Pin Marker , Model :DPM 302/302D



EtchON DPM302/302D ", This is a Standalone 7" Touch Screen LCD Pneumatic Dot Pin Marking, supports plain and arc marking, Suitable for the locations where Personal Computer Access is restricted. DPM Software is with inbuilt touch screen so operate directly. This machine is also featured with PC Connectivity, cases where LCD suddenly stops working. In Standalone controller graphs could be transfer via USB in .SLG format*

TECHNICAL FEATURES

Note* : Software Supplied with Driver

- Marking Scope : 150 mm x 100 mm (100mm x 100 mm - D Series)
- Marking Depth : 0.1 – 1 mm
- Controller : Standalone 7" Touch Screen/ Desktop (D Series)
- Marking Style : LINE as well as DOT Marking (Plain & Arc)
- Software Support : Standalone LCD as well as PC Support
- Connectors and Switches : IP Certified

EtchON Pneumatic Dot Pin Marker , Model :DPM 303/303D

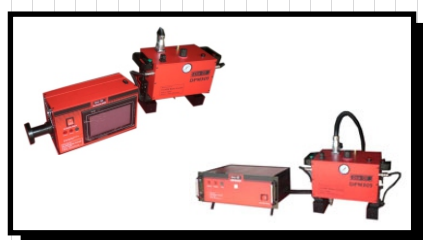


EtchON DPM303/303D ", This is a Pneumatic multipurpose Pneumatic Dot Pin Marking Machine suitable for signing on metal material which size could be suitable under the marking head and it supports plain, arc as well as circumferential marking (360 Degree).

TECHNICAL FEATURES

- Marking Scope : 150 mm x 100 mm (100 mm x 100mm - D Series) / 360 Degrees Circumference Marking (Φ125mm Chuck)
- Marking Depth : 0.1 – 1mm
- Controller : Column Mounted Portable Controller/ Desktop (D Series)
- Marking Style : LINE as well as DOT marking (Plain, Arc and Rotary)
- Connectors & Switches : IP Certified

EtchON Pneumatic Portable Dot Pin Marker, Model :DPM 305/305D



EtchON DPM305", This model is a Touch Screen Controlled PORTABLE Pneumatic Dot Pin Marking Machine suitable for signing on metal material which size could be larger then the marking head like big pipes.E-Magnetic base for holding on large size of job. In this machine system controller is connected with the marking pin assembly with 5 meter cable and supports plain and arc marking within its scope.(DPM305D controller is a Desktop PC based)

TECHNICAL FEATURES

- Marking Depth : 0.1 – 1 mm
- Marking Scope : 140 x 50 mm / 20 Degrees
- Controller : Standalone Portable 7" Touch Screen LCD Controller (Export Series)/ Desktop PC based (D Series)
- Marking Style : LINE as well DOT Marking (Plain & Arc)
- Major Feature : Two E-Magnet base with 05 Meter Data Cable
- Weight : Marking Head : 8 Kg, Controller : 2.5 Kg

EtchON Pneumatic Portable Dot Pin Marker, Model :DPM 306/306D

EtchON DPM306 ", This model is 7" Touch Screen Controlled PORTABLE Pneumatic Dot Pin Marking Machine suitable for signing on metal material which size could be larger then the marking head like big pipes. No curvature support , Platform for holding on large size of job. In this machine system controller is connected with the marking pin assembly with 5 meter cable and supports flat marking only. EtchON DPM306D controller is Desktop PC based.



TECHNICAL FEATURES

- Marking Depth : 0.1 – 0.5 mm
- Marking Scope : 90 x 40 mm / 50 x 50 mm (No Curvature Support)
- Controller : Standalone Portable 7" Touch Screen LCD Controller (Export Series) / Desktop PC based (D Series)
- Marking Style : LINE as well as DOT Marking (Plain and Arc within range)
- Major Feature : Support Bracket Support with 5 Meter Data Cable

EtchON Pneumatic Dot Pin Marker, Model : DPM 300/300D

EtchON DPM300/300D ", This is a perfect startup low budget controller less PC based Dot Pin Marking Machine suitable for small and light work pieces, specially for name plate fixture. It is a single unit structure for ease of operation and space, support lines as well DOT marking, made from IP Norma Switches and Connectors.



TECHNICAL FEATURES

- Marking Scope : 150 mm x 100 mm (100 mm x 100 mm -D Series)
- Marking Depth : 0.1 – 0.8 mm
- Controller : Controller Inbuilt in Marking Head
- Software : EtchON DPMCAD - PC Version
- Marking Style : LINE as well as DOT Marking (Plain & ARC)
- Switches and Connectors : IP Norms and CE Certified

EtchON all in one Dot Pin Marker Model :DPM 304/304D

EtchON DPM304 ", This is a Standalone 7" Touch Screen LCD Portable Cum Stand based model, made specially for Industries which required marking on small components as well as big components. This machine covered Portable Single E-magnet base de-attachable marking head with standalone controller and 3 meter data cable. This machine supports line as well as dot marking with plain and arc marking. It can also possible to convert into rotary.



TECHNICAL FEATURES

- Marking Scope : 90mm x 40 mm
- Marking Depth : 0.1 – 1 mm
- Controller : Column Mounted Standalone 7" Touch Screen LCD
- Marking Head : De-attachable marking head with one Side e-magnet base and another side support plate
- Marking Style : DOT as well as LINE Marking (Plain and Arc Support)
- Switched and Connectors : IP Norms and CE Certified.

EtchON Dot Pin Marker Indenters

In dot pin marking machine, Indenter plays a very crucial road, right selection of indenter give required result ! EtchON EN Series Indenters, made from Tungsten Carbide or same HRC Hard Alloys. Engraving depth depends upon the workpiece hardness

- EN2/EN3/EN4/EN4L : 2/3/4 mm/4mm (L) Diameter Indenter Set
- EN4LP : 4 mm Diameter Indenter set suitable for Curvature Marking
- EN4D : 4mm Depth Indenter suitable for Portable Marking Head
- EN5LD/ EN6LD : 5/6 mm Large Length Depth Indenter Set suitable for deep marking

