



PortaDot 130-30E / PortaDot 130-40E



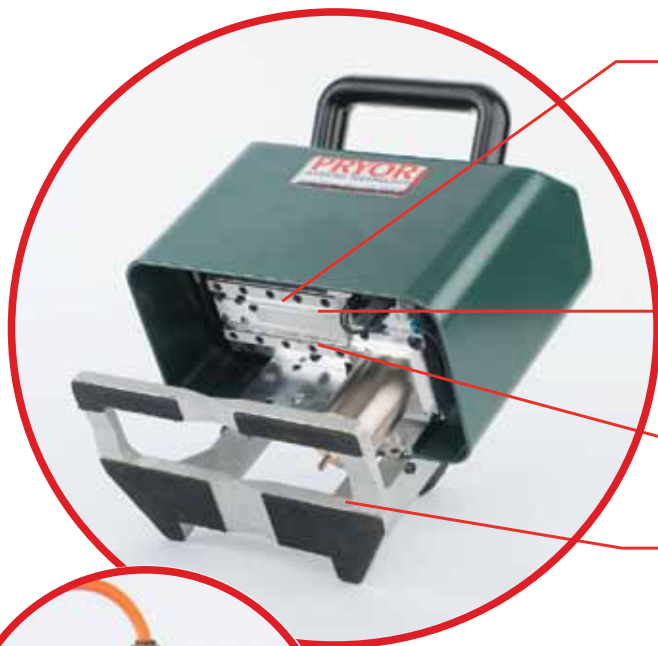
Portable Handheld Dot Peen Marking Machine

Portable, fully programmable, high speed dot marking machine for use in all environments where bringing the marking device to the work piece is a prerequisite. Uncompromising build quality and lightweight design ensure the Marktronic™ 3000 P130-30/P130-40 marking system is suitable for use in virtually any environment.

Applications Include:

- 2D Data Matrix Marking • Component Traceability • Steel Stock Marking • Serial Numbering
- Chassis VIN Marking • Time & Date Marking • Cast & Forge Marking • Part Numbering
- Batch & Shift Coding • Programmable Marking • Component Identification • Production Line Integration
- Oil & Gas • Marine • Military • Energy Production

intelligent marking solutions



2 still motors:

- No motor cable fatigue failures
- Higher acceleration, speed and accuracy

Superior torque motors provide extreme acceleration and speed

Flat X/Y movement with no pivoting axis provides consistent marking depth throughout marking area

Re-circulating ball linear guideways to provide the highest marking accuracy

Large marking area: 130x30mm

Head cable industrial steel connector
Easily disconnect marking head when needed
Robotic head/controller cable

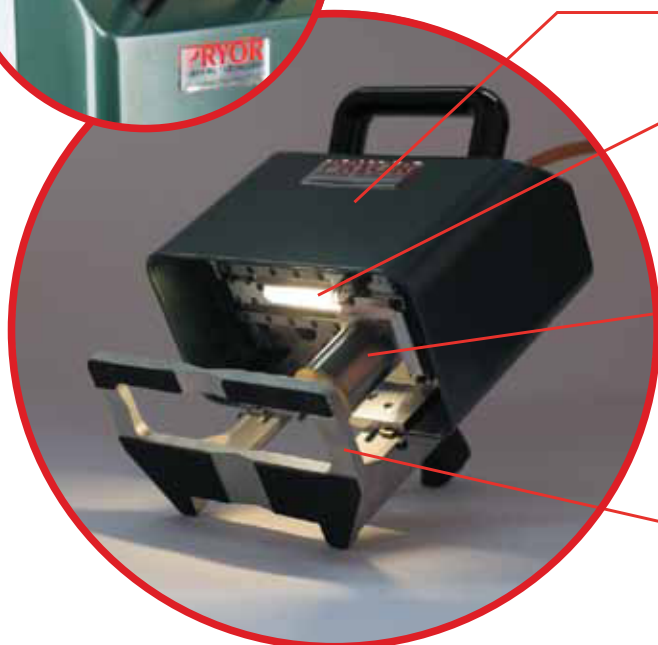


Robust aluminium casing: rugged design

Inbuilt illumination system automatically actuated with motion sensor

High power Electromagnetic (E version) solenoid, allowing deep marking with excellent consistency

Also available in Fast Pneumatic (FP) or High Amplitude (HA) pneumatic versions



High rigidity of front mask

Plain & thick structure

Machined V shaped on both axis to fit on tubes
Sliding mechanism with positioning scale

The PortaDot 130-30 is available in 3 technologies:

- “Electromagnetic”: Programmable, deep and consistent marking - no air supply required
- “Fast Pneumatic”: Faster or continuous line style marking thanks to high frequency stylus
- “High Amplitude Pneumatic”: accommodate uneven surfaces (up to 12mm)

3000 Controller Version

PC not required
Large graphical display
Full membrane keyboard
Screen linked function keys



Marking Features:

Fixed texts, variables, serial numbers, arc and angular, time/date, Data Matrix, logos, backward & forward marking etc.

Standard Communication:
PC/PLC/barcode reader/printer connection, text reception, uploads & downloads, select file, automation control, USB, RS232, Programmable 24V digital 8 inputs/6 Outputs

Available Options:
I/O Extended to 16I/12O
TCP/Ip Ethernet
Bluetooth
RS485

PC Based Software Versions

Traceable-IT a Windows © based software
Drag, drop, scale, rotate graphical interface.

Align, group marking blocks, show marking path.

Variables, serial numbers, time/date, Data Matrix, logo (.hpgl/.plt&.dxf) Query & write back to Excel, Access, SQL Server, My SQL etc, duplicate data checking and log data (history)

Supports all Windows© True Type Fonts, including:

- Chinese,
- Japanese,
- Korean (...) characters.

TRACEABLE-IT

3000-BA Battery operated controller

No external power supply.
Provides full marking power.

Quick release high performance batteries.



Electromagnetic clamping
Prevents poor marks due to accidental movement.

Assist operator by holding machine in position.



Column & Base
Converts a portable machine to a bench-top model
Powered Digital column and Autosense system available.
Circumferential axis and other bench-top machine options available.



Optional Cart

Optional cart provides easier mobility, storage and machine protection.



When identification is critical for traceability or product impact, a quality mark is required. Monode combines creative engineering with a full range of marking solutions to meet your needs. Over a half-century of progress as a trusted "parts marking problem solver" ...that's Monode!



Quality Marking Equipment with Integrated Machine Vision Solutions