EMERSION INDUSTRIES

YOUR PARTNER FOR METAL MARKING SOLUTION

Decade of Tradition | Respect to customers | Product Durability
Trusted Ethics | Genuine Guidance

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MNS TC - INBUILT TOUCH SCREEN MACHINE

- A very basic touch based machine in Pneumatic and Electric versions.
- Most simple user interface, very easy to learn and be an expert in few minutes.
- Limited features sufficient for most standalone machine applications.
- 120mm x 100mm marking window to cover most marking applications.
- 2 in 1 machine, can use either the touch interface or connect to PC with ethernet cable.
- 7" Resistive industrial grade touch screen with attached stylus pen for use.
- 400mm height holding stand to accomodate most of the parts.
- Multilingual user interface in 22 different languages, so easy to understand worldwide.
- Unlimited Design storage facility.
- Easily mark DXF and HPGL PLT Files for marking logos.

MNS PC - PC BASED MACHINE

- Standard Marking Window : 120mm X 100mm std.
- Column Height adjustment : 400mm
- Imprinting Power : 100Nm
- Standard Stylus : HF-16 for Steel Marking OR HF – 10 for Aluminum Marking
- Imprinting surface variance : 3mm (Up to 10 mm with LP.10 System)
- Marking Speed : 3 Charctev / Second – 3mm High
- Port : LAN Port (Static IP) / Choice of wifi hotspot
- Features : Normal, Inverted, Mirror, Circular, Inside Circle, Incremental and Decremental Serial numbers, Date & Time Code, Log File generation, Barcode Scanner Output, Variable Data CSV File Linking, and many more.
- Fonts : Dot 5x7 & 7x9, Single Line Standard, Fast Font & Cursive Font, Double Line TTF Fonts.(Over 100 Single Line Fonts)
- Logos : HPGL PLT Files import.
- Air Pressure : Up to 6 bar for Pneumatic Operated Machine

MNSB - TC

- 100 mm x 30 mm Marking Windows
- Touch Screen hand held cordless with battery
- Powerful Lithium Battery
- Most simple to install & use
- Seven-inch touch screen with Linux base OS
- Memory storage capacity 512 Mb
- Communication over WiFi Hotspot
- Operates through Cell Phone Or tablet
- One button for multi operations.
- 9 different forces to adjust depth

Flat Face Marking	Axial Marking	Peripheral Marking	Automotive Marking

BATTERY OPERATED HANDHELD MARKER

FEATURES

- Innovative
- Light Weight
- Android / IOS BasedApp.
- Data Transfer Through Mobile/Tablet
- No delicate Screens/Keyboards
- Most economical to use

COMBO HOLDING STAND

- Most Compact Cordless handheld marker
- **Available in 2 sizes, 50x30mm and 150x50mm**
- **The Lightest machines in the world with MNSB53 : 2.4kg, MNSB155 : 3.4kg**
- Powerful Li-ON Battery for longer life.
- Latest Electronic parts for long support life.
- Communication over Wifi Hotspot of machine, No other Wifi network required.
- Modular Electronic construction for easy and economical maintenance.
- Robust drop resistant plastic body made from 30% glass filled Nylon.
- Linear Guides on both axes for uniform marking depth across the complete marking window.
- Uses standard battery and charger from Makita for easy availablity everywhere
- Batteries available in 4 capacities that give upto 8 hours of marking in single charge.
- Standalone Working, can store one design/pattern with multiple strings and logos.
- No delicate screen/keyboard on the machine, so least maintenance costs
- Machine kit comes in a sturdy bag, good for safe machine storage and transportation.
- LED light to illuminate marking area while marking for clarity to operator.
- Simple to operate over just one button for all operations.
- A very rugged and long lasting electric solenoid for maintenance free working.
- Multiple Resting fixtures and accessories available to suit application requirement.
- COMBO holding stands available to use the handheld machine also as table top.

Carry Case for MNSB-155	Carry Case for MNSB-53	Tablet Controller	Multiple Attachments for Face Marking

ELECTRIC / PNEUMATIC HANDHELD MARKER

PORTABLE MARKING

- Most Compact Portable Markers available in 3 size. **50X30mm, 80X30mm and 150 X 50 mm.**
- Convenient Aluminum handle | Available in Pneumatic and Electric versions
- Linear X & Y Axis for consistent depth across the complete marking window.
- Multiple Stylus Assemblies to choose from depending on application requirements
- Military grade secure connection to the controller.
- Connecting cables available in multiple lengths to suit application location.
- Combo Column Frame available to use portable machine for table top working
- Machines fitted with front tray as standard accessory.

DEEP MARKING PORTABLE

- A handheld marker with robust construction for deep marking applications.
- Available in 150X50mm Window Size.
- Special Front Holding attachment for better grip on the par surface.
- Optional attachment with permanent magnets holding helps free operator hands.

INTEGRATION HEAD

- Robust | Compact | Reliable | Easy to use Construction
- Compact marking heads for easy placement and approach on automation devices.
- Mounting with 4 M8 Screws for secure and safe mounting
- Small heads available with Rexin Bellows for protection from dust and ingress.
- Large windows size of 50 X 30 mm in a very compact form factor
- Available in Pneumatic and Electric Versions
- Rugged Aluminum construction to suit industrial environments.
- Linear X & Y Axis for Consistent depth across the complete marking windows.
- Multiple Stylus Assemblies to choose from depending on application requirements
- Military grade secure connection to the controller
- Connecting cables available in multiple lengths to suit application location.
- Use Optional holding stands for table top working.

CONTROLLER

- Strong Steel construction | 7" Resistive touch screen for industrial use
- Mount Controller as table top, wall mounted or panel mounted.
- Screw type military grade connectors for secure connection.
- Simple to use and understand user interface
- Multilingual user interface in 22 different languages, so easy to understand worldwide.
- Powerful feature of jog to accurately position tool w.r.t. the work piece.
- Available as Pneumatic or Electric Version
- Mark alphanumeric Text, DXF or PLT Logos, Datamatrix or QR Code barcodes.
- Multiple fronts are available to choose.
- CSV File Marking Barcode Printer Interface, Record marking log for tracking.
- Inputs & Outputs for easy integration with other machines and devices.
- Rs232 port for ASCII & Modbus RTU over RS485 for PLC or SCADA communication.
  Used for EtherNET / ProfiNET or similar communications using suitable converters.
- Protect unauthorised access to designs with password protection and production mode working.
- USB Port for File Transfer | On screen help on every screen

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