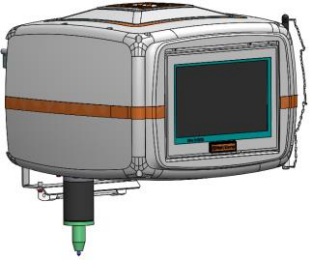# Specifications

MarknStamp®
World-Class Marking Technologies

Model Name	HD 34
Descriptive Name	2 in 1, Rigid marking head with touch screen, with full access controls for MNS-EMHTC machine.
Axes:	Default 2 Axis machine. Easily upgrade to 3 or 4 axes working.
Stylus Technology	Electric
Marking Area:	120mm X 100mm
Overall size of machine	365mm X 300mm X 295mm
Packing Box Size	10kg
Machine Weight	12kg
Packing Weight	400 x 400 x 400mm
Max Depth of Marking	0.4mm
Body	Robust Steel Construction
Machine Working:	2 in 1 working with touch screen and PC with Ethernet cable.
Display:	7" Resistive Touch Screen Display built into the Marking Head.
Display Tilting:	35 degrees tilt for ergonomic working
Machine Warranty:	1 year against manufacturing defects.
Touch Pen:	Hard touch pointer provided with chain locking.
Power Supply:	Separate 24VDC 5A Power Adapter
Force Adjustment	9 different force codes to adjust marking force.
Color:	White & Orange
Type of Stylus available:	Variety of stylus assemblies available.
Inputs:	5 Inputs for automatic design selection
Outputs:	2 Outputs, end of marking, machine ready for marking & error.
Ports:	RS232 for communication with PC or PLC. ModbusRTU Communication Protocol establishedover RS485 for SCADA communications.
Industrial Communication:	Any bus Converter Device for ProfiNET or Profibus Connectivity over ModbusRTU.
Accessories Available(at extra cost):	1. Nameplate Clamping device 2. Pneumatic Nameplate Clamping device 3. Foot pedal 4.Start stop device 5. Multiple styluses as per application 6. Small Rotary Device, 7. Big Rotary Device, 8. 20mm Pitch Vertical Motorized Holding Stand, 9. High Speed Vertical Motorized Holding Stand, 10. Customized Rotary Device for

	heavy parts, 11. Component Surface Automatic Sensing Sensor.12. Protection Bellows of Rexin material.
Software & Software Features:	
Software	Build in software
Storage:	Unlimited Design Storage Capacity.
2D Barcode:	Datamatrix & QRCode Marking.
Features:	Normal, Inverted, Mirror, Circular, Inside Circle, Incremental Serial Numbers, Date, Variable Data, Date, Month, Year, Week, Day Codes, Array Copy, Text Block, PLT File Block, Blank Points, Timer, Wait for Start, Constant Length Marking and many more…
Fonts:	Dot 5×7, 7×9 & 11×16, Single Line Standard, Fast Font &Cursive Font are Fast Fonts, over 8 other Artistic Fonts.
User interface languages:	English, Czech, German Dutch,French, Hindi,Hungarian, Italy, Japanese, Javanese, Korean, Polish, Norwegian , Portuguese ,Russian, Slovenia, Spanish, Swedish, Turkish,Vietnamese, Simplify Chinese, Traditional Chinese
Logos:	Unlimited HPGL PLT & DXF download from PC using a USB Pen Drive.
CSV File:	Ability to mark data from a CSV File.
Barcode Scanner:	Ability to connect a Barcode Scanner on Serial port and mark scanned data directly. Intelligent parsing of scanned data built into the machine.
Barcode Printer:	Ability to directly print marking data to barcode labels from a barcode printer connected over Serial port.
Bill Printer:	Ability to send marking string over Serial port and print the marking status.
Log of Markings:	Capability to store the log file of marking which can be opened in Excel.