



MARKS ENGINEERING PVT. LTD.



INTELLIGENT MARKING SOLUTIONS



www.marksengg.in

MODEL TM SERIES



FEATURES OF FIBER LASER :

- ❖ Table mounted, fully programmable laser marking machine.
- ❖ 100 x 100 mm large marking field. (Optional 150X150 & 200X200 mm)
- ❖ Universal mounting arrangement giving flexibility for manual Y&Z Axis.
- ❖ Compact ergonomic design for ease of use.
- ❖ Manual Z axis which makes focal length setting between part & laser head very precise thus ensuring excellent marking quality.
- ❖ Capability to precisely tune the power & frequency enables highly aggressive marking on metals.
- ❖ High quality of optics used in the scan head assists in producing quality mark.
- ❖ High functionality software.

MODEL PX SERIES



TECHNICAL SPECIFICATION :

- ❖ Marking area 100 X 100 mm.
- ❖ Laser Type Ytterbium Fiber.
- ❖ Wavelength 1060-1070nm.
- ❖ Freq Range 20-25KHz.
- ❖ Spot Diameter 25-80 um.
- ❖ Beam Quality M2<2.



MP-1100



Technical Specifications

Marking Window	100x100
User Friendly Firmware	✓
Graphical Screen	✓
Print Preview	✓
Logo Marking	✓
Programmable Character Height & Width	✓
Radial, Angular, Straight Marking	✓
Font 5X7, 7X9, varidot (Continues)	✓
Serial Numbers	✓
Date Codes (Year, Month, Week, Day, Shift, hrs Etc.)	✓
RS232 Communication	✓
Flash EPROM	✓
Column Height Adjustment 270 mm	✓
Mambrane Keyboard	✓

Marks Pryor reserves the right to amend product specifications without notice.

MARKMATE PNEUMATIC

Technical Specifications

Weight :	Marking Head/table/column : 32kg
Electrical Supply:	240v 50hz, 110v 60hz
Marking Area:	100mm X 100mm (50mm X 50mm, 150mm X 150mm Optional)
Memory Capacity:	Up To 1350 Inscription Layouts
Stylus:	4mm X 70mm (55mm, 100mm & 160mm Lenght Optional)
Controller:	Embedded LCD Type
Keyboard:	PS2 Type, Mini Keyboard Optional
X, Y Axis Controller:	Steppermotor driven
Start/Stop Box:	Twin button on manual
Marking Formate:	Dot Matrix 5 X7,7 X9, Varidot, 2D Data Matrix Coding



Marktronic Multi Dot-3000

Technical Specifications

Standard marking area available : 60 x 60mm (C60-60), 100 x 100mm (C100-100), 150 x 150mm (C150-150), 300 x 150mm (C300-150). For larger ones, see 3000 GantryMark™

Std. Character sizes : 0.15mm - 99.9mm in increments of 0.15 mm
Marking formed : 5 x 7, 7 x 9, Varidot, HPGL, BMP Logos

Marking speed : Variable, depends on application

Memory storage of up to 1350 marking programs

2 x RS232 and Digital I/O (8 In 6Out) Connectivity. Optional Ethernet TCP/IP

Full QWERTY integrated membrane keyboard with addition PS/2 Port for external keyboards

On-screen mark preview and trial-run features.

Remote Start/Stop control box

PC Option using Pryor MarkMaster™ Graphical Software

Weight: Marking Machine - 34kg Controller - 10kg



Markmate P130-25 Portable Handheld Marking System



Technical Specifications

Weight :	Marking Head/table/column : 32kg
Electrical Supply:	240v 50hz, 110v 60hz
Marking Area:	130mm X 25mm (50mm X 50mm, 150mm X 150mm Optional)
Memory Capacity:	Up To 1350 Inscription Layouts
Stylus:	4mm X 70mm (55mm, 100mm & 160mm Length Optional)
Controller:	Embedded LCD Type
Keyboard:	PS2 Type, Mini Keyboard Optional
X, Y Axis Controller:	Steppermotor driven
Start/Stop Box:	Twin button on manual
Marking Formate:	Dot Matrix 5 x 7, 7 x 9, Varidot, 2D Data Matrix Coding

Integrated Model 1070



Technical Specifications

Weight :	Marking Head/table/column : 32kg
Electrical Supply:	240v 50hz, 110v 60hz
Marking Area:	100m X 100mm (50mm X 50mm, 150mm X 150mm Optional)
Memory Capacity:	Up To 1350 Inscription Layouts
Stylus:	4mm X 70mm (55mm, 100mm & 160mm Lenght Optional)
Controller:	Embedded LCD Type
Keyboard:	PS2 Type, Mini Keyboard Optional
X, Y Axis Controller:	Steppermotor driven
Start/Stop Box:	Twin button on manual
Marking Formate:	Dot Matrix 5 X7,7 X9, Varidot, 2D Data Matrix Coding

Integrated Model 1050

Technical Specifications

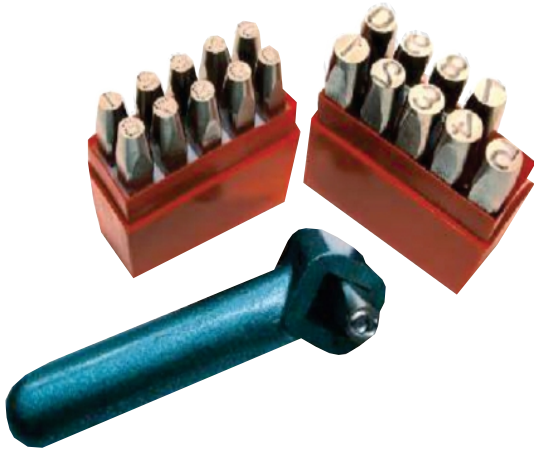
Marking Window	100x100
User Friendly Firmware	✓
Graphical Screen	✓
Print Preview	✓
Logo Marking	✓
Programmable Character Height & Width	✓
Radial, Angular, Straight Marking	✓
Font 5X7, 7X9, varidot (Continues)	✓
Serial Numbers	✓
Date Codes (Year, Month, Week, Day, Shift, hrs Etc.)	✓
RS232 Communication	✓
Flash EPROM	✓
Column Height Adjustment 270 mm	✓
Mambrane Keyboard	✓

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Hand Punches

Standard, Reserve, Dotted Marking



Sizes Available

MARKS PRYOR STANDARD PUNCH			
CHARACTER SIZE			
mm	inch	mm	inch
2.0	5/64	6.0	1/4
3.0	1/8	8.0	5/16
4.0	5/32	10.0	3/8
5.0	3/16	12.5	1/2



MARKS PRYOR REVERSE PUNCH			
CHARACTER SIZE			
mm	inch	mm	inch
2.0	5/64	5.0	3/16
3.0	1/8	6.0	1/4
4.0	5/32	12.5	1/2



MARKS PRYOR DOTSTRESS PUNCHES			
CHARACTER SIZE			
mm	inch	mm	inch
3.0	1/8	5.0	3/16
6.0	1/4	8.0	5/16

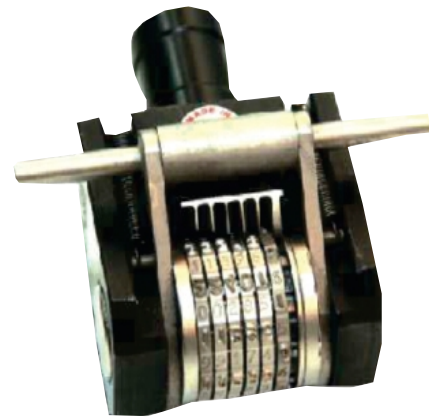
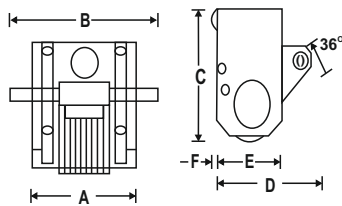


Numbering Head

Auto Indexing

Technical Specification

DIMENSIONS						
mm	A	B	C	D	E	F
Small Frame	62	100	63	52	38	4
Large Frame	106	152	96	88	60	6



The Seven Stock Sizes are Marked in Blue, Other Sizes shown can be Quickly Supplied

Size	Number of Wheels											Frame
	2	3	4	5	6	7	8	9	10	11	12	
1.5	3.5	5.8	8.1	10.5	12.8	15.7	17.5	19.8	22.2	24.5	26.8	Std.
2.5	5.0	8.1	11.2	14.3	17.4	20.6	23.7	26.8				Small Frame
3.0	5.8	9.3	12.8	16.3	19.8	23.3	26.8					Std.
4.0	7.3	11.6	15.9	20.2	24.5	28.8	33.1	37.4	41.7	46.0		Large Frame
5.0	8.8	13.8	18.8	23.8	28.8	33.8	38.8	43.8				Frame
6.0	10.6	16.6	22.6	28.6	34.6	40.6	46.6					

Any Special Number outside the above range can be considered

Key Features:

- Steel, Brass, Aluminum marking
- Serial numbering
- Batch code numbering



Interchangeable Steel Types



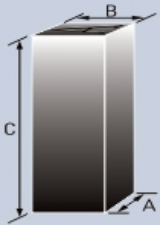
Machine Holder Capacity									
Type Size	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	10.0
M3.2-20	12	12	-	-	-	-	-	-	-
M6.35-29	-	-	14	12	9	-	-	-	-
M6.35-39	-	-	19	16	12	-	-	-	-
M8-20	-	-	10	-	6	5	4	3	-
M8-25	-	-	12	-	8	6	5	4	-
M8-40	-	-	20	-	13	10	8	6	-

Hand Holder Capacity									
Type Size	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	10.0
M3.2-20	12	12	-	-	-	-	-	-	-
M6. 35-29	-	-	14	12	9	-	-	-	-
M6. 35-39	-	-	19	16	12	-	-	-	-
M8-20	-	-	10	-	6	5	4	3	-
M8-25	-	-	12	-	8	6	5	4	-
M8-40	-	-	20	-	13	10	8	6	-

Character Combination

A	A	A	B	B	C	C	D	D	E	E	E	E	F	F	G	G	H	H	I
I	I	J	J	K	K	L	L	M	M	N	N	N	O	O	O	P	P	Q	
R	R	R	S	S	S	T	T	U	U	U	V	W	W	X	X	Y	Z	&	\
\	-	-	-	-	,	,	1	1	1	1	2	2	2	2	3	3	3	4	4
4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	0	0	0

Marks Pryor type are available in the following sizes:

	Character Size	Blank Size		
		(A) East/West	(B) North/South	(C) Overall Length
	1.00 mm	1.60	3.20	15.87
	1.50 mm	1.60	3.20	15.87
	2.00 mm	2.00	8.00	25.00
	2.50 mm	2.50	6.40	19.05
	3.00 mm	3.00	8.00	25.00
	3.00 mm	3.20	6.40	19.05
	4.00 mm	4.00	8.00	25.00
	5.00 mm	5.00	8.00	25.00
	6.00 mm	6.00	8.00	25.00
	10.00 mm	10.00	14.00	25.00

(All Dimensions in MM)

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