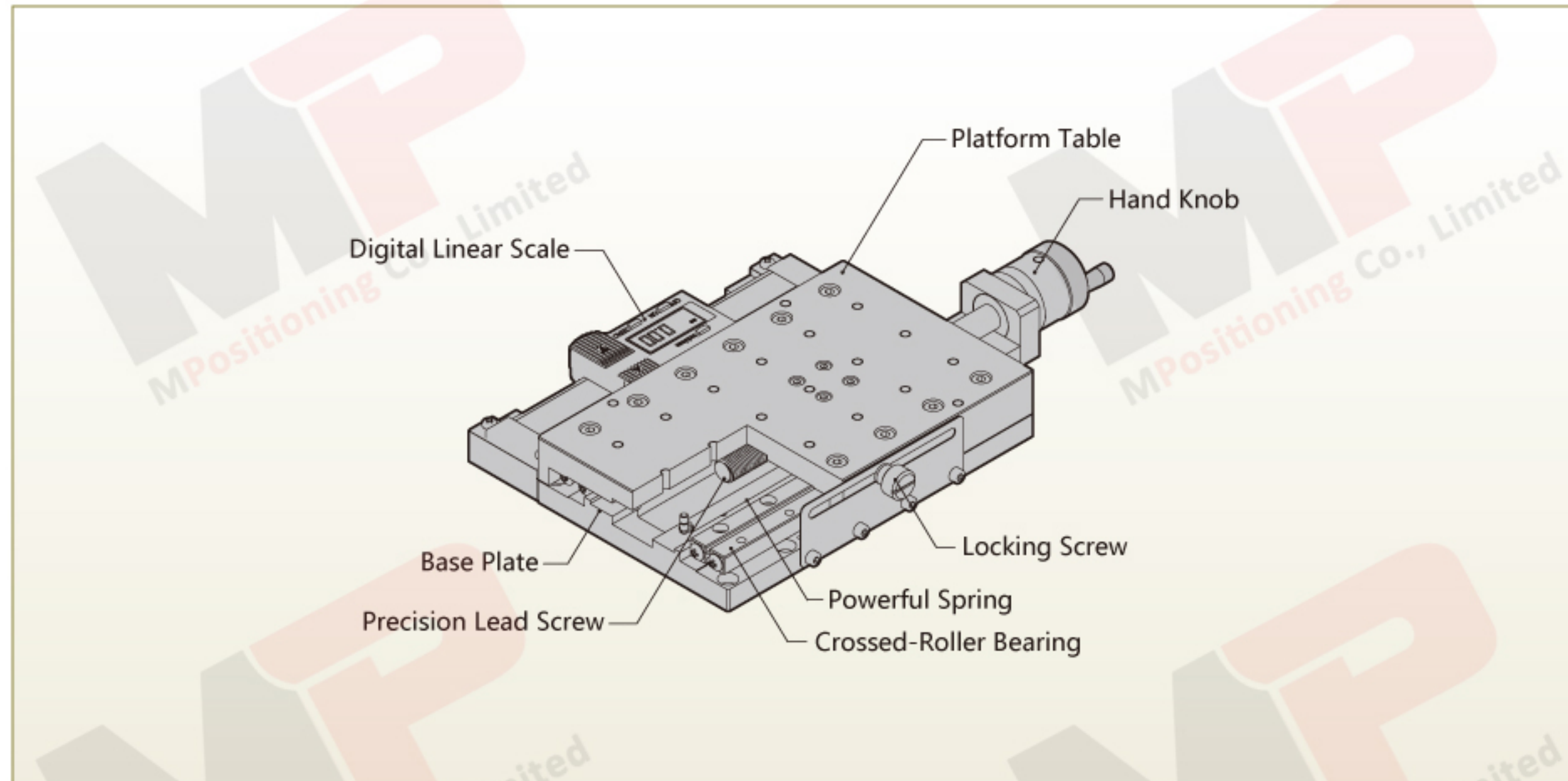


Manual Linear Stages, Precision Lead Screw Driving



► FEATURES

- Equipped with the Precision Crossed-Roller Bearings for the Accurate and Smooth Motion.
- Precision Lead Screw and Spring-Loaded Design for the Repeatable and Backlash-Free Positioning.
- A Side Mounted Setscrew can be used to Lock the Moving Platform in a Desired Position.
- Minimum Resolution of 0.01 mm when Requires the Digital Linear Scale.

► ITEM NUMBER

PM 100 X - 70 D

Item Type	Width of Platform	Moving Direction	Travel Range	Type of Scale
Manual Linear Stage Crossed-Roller Bearing Precision Lead Screw Driving	Unit: mm	X: X axis XY: X & Y axes	Unit: mm	(null): Standard Type with Graduated Scale D: Digital Readout Linear Scale

Manual Linear Stages, Precision Lead Screw Driving



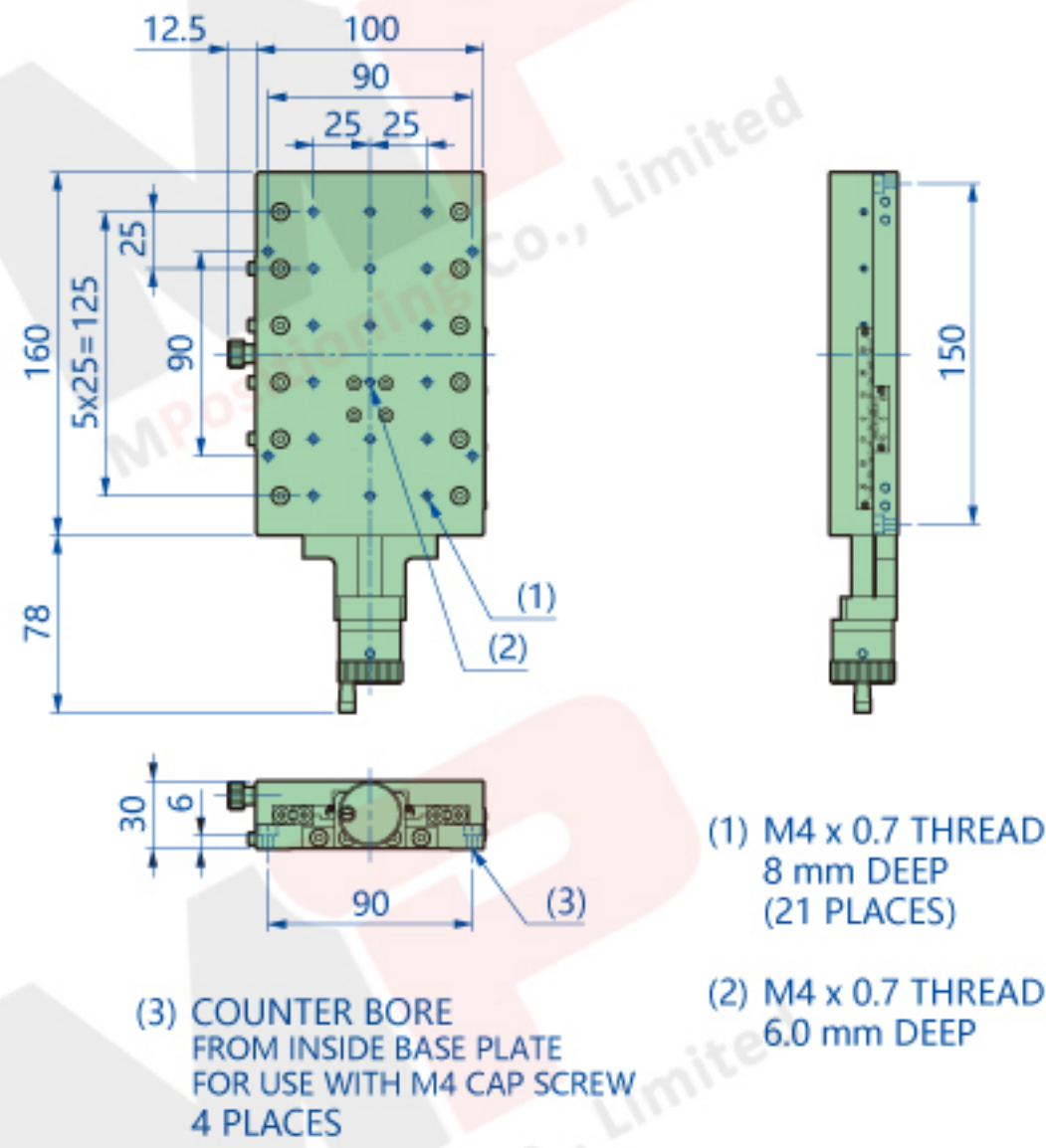
► SPECIFICATIONS

	PM100X-70	PM100X-70D	PM100XY-70
Moving Direction	X		X & Y
Travel Range	±35 mm		±35 mm
Platform Size	100 mm x 160 mm		100 mm x 160 mm
Drive Mechanism	Precision Lead Screw with Hand Knob		Precision Lead Screw with Hand Knob
Bearing Construction	Crossed-Roller Bearings		Crossed-Roller Bearings
Material, Finish	Aluminium Alloy, Black Anodized		Aluminium Alloy, Black Anodized
Thickness	30 mm		60 mm
Minimum Readout	0.1 mm	0.01 mm	0.1 mm
Flatness	0.05 mm		0.1 mm
Max. Load Capacity	40.0 kgf		40.0 kgf
Weight	1.50 kg	1.70 kg	3.00 kg

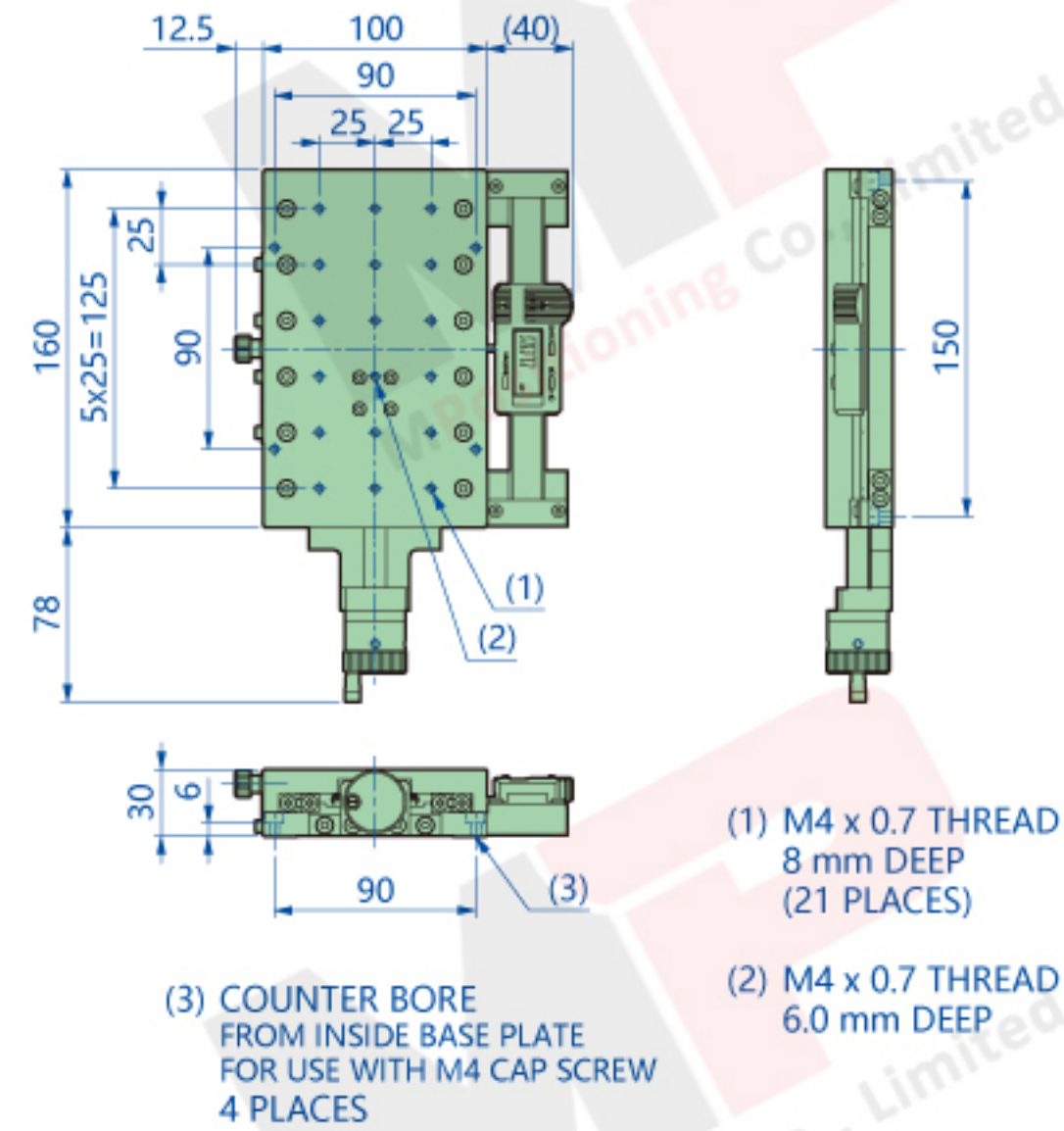
Manual Linear Stages, Precision Lead Screw Driving



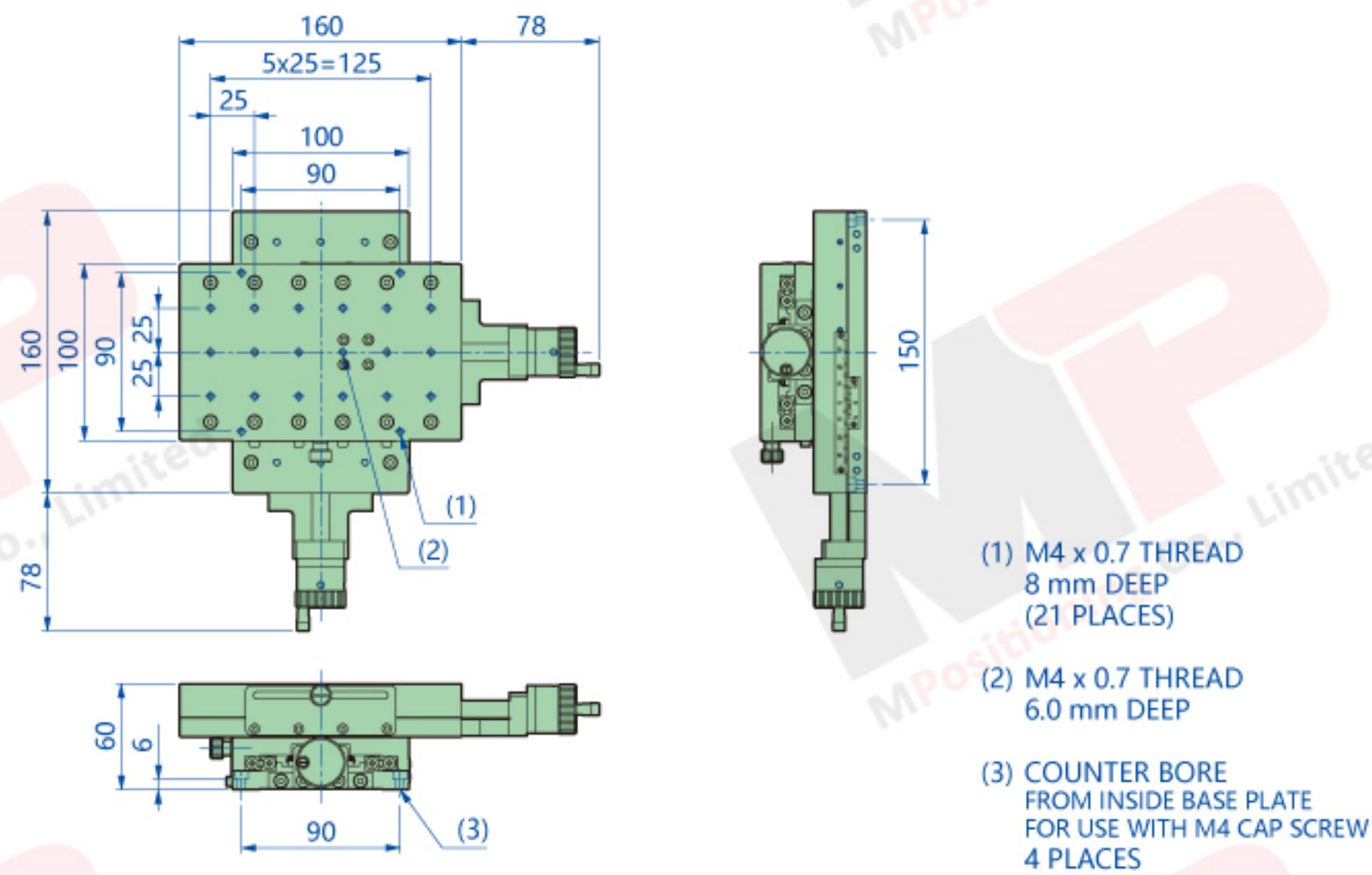
► PM100X-70



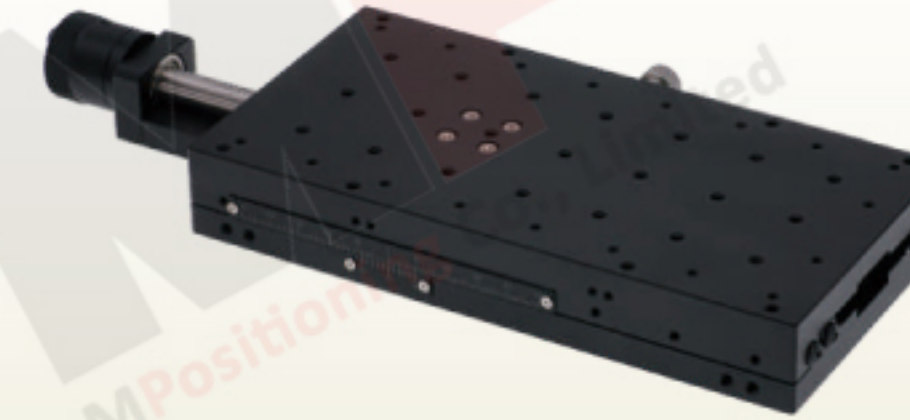
► PM100X-70D



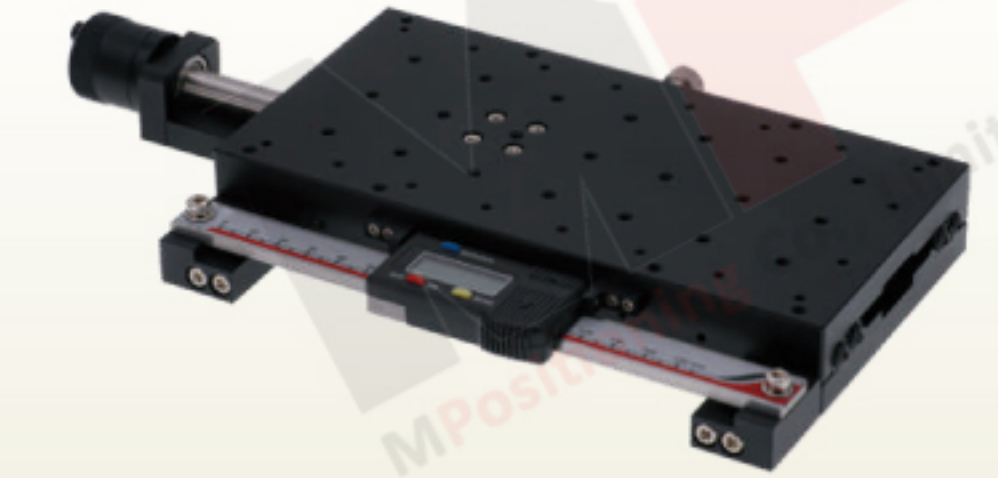
► PM100XY-70



Manual Linear Stages, Precision Lead Screw Driving



PM100X-100

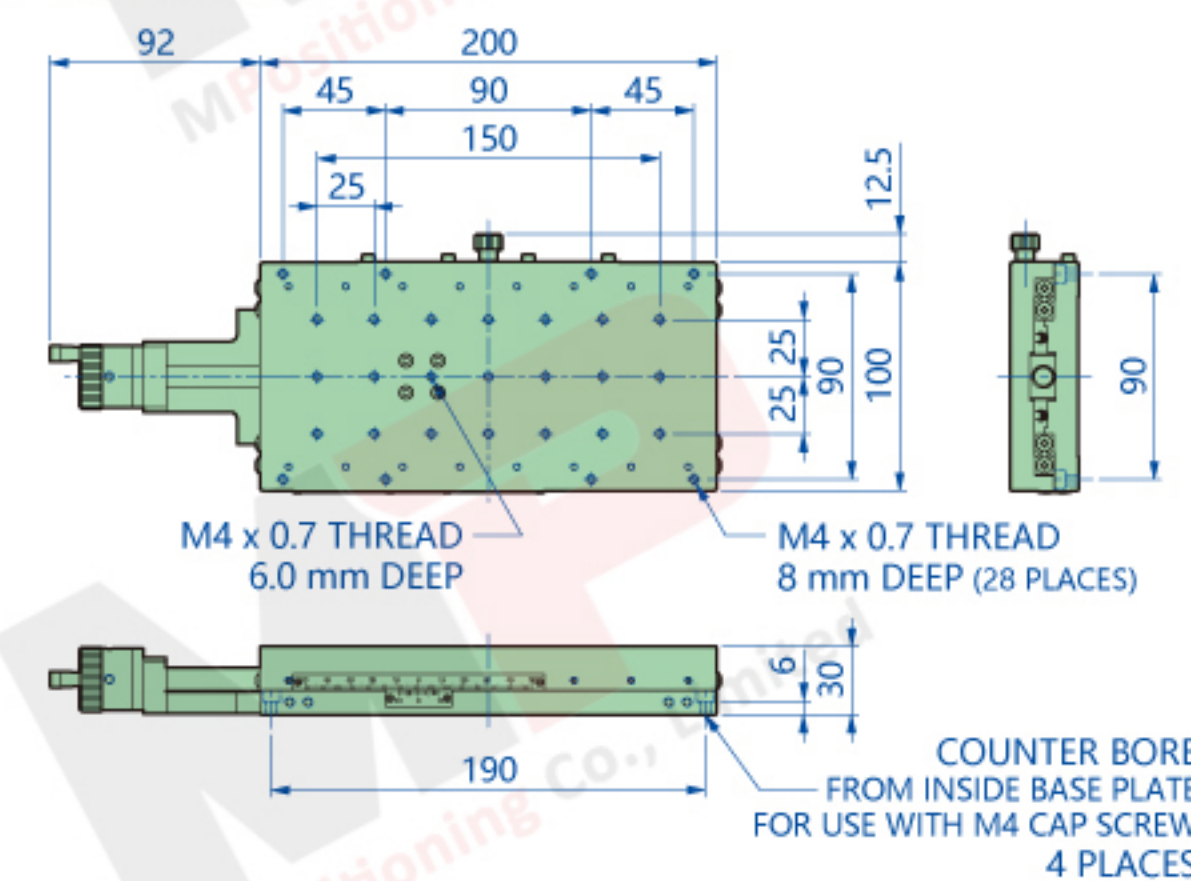


PM100X-100D

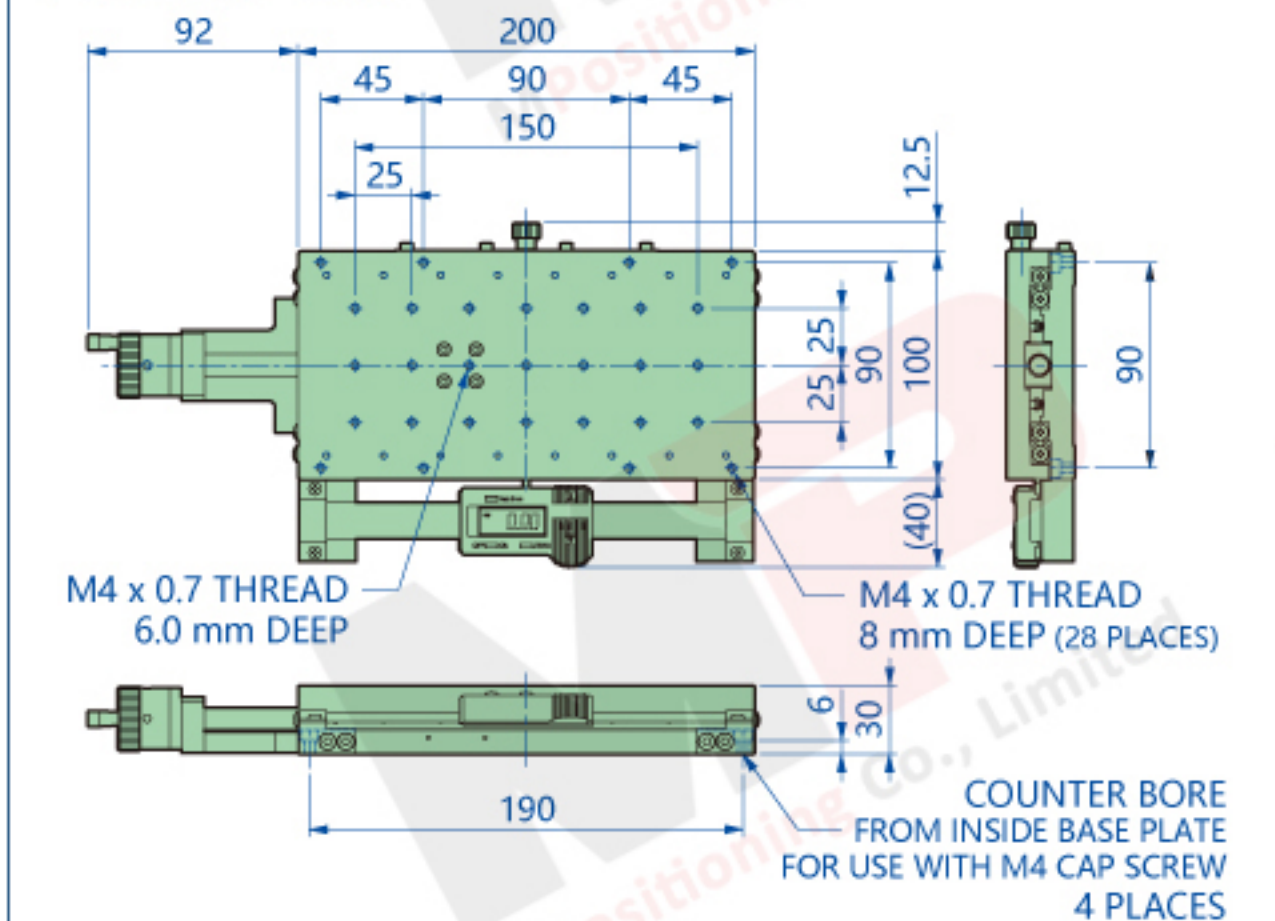
► SPECIFICATIONS

	PM100X-100	PM100X-100D
Moving Direction		X
Travel Range		±50 mm
Platform Size		100 mm x 200 mm
Drive Mechanism		Precision Lead Screw with Hand Knob
Bearing Construction		Crossed-Roller Bearings
Material, Finish		Aluminium Alloy, Black Anodized
Thickness		30 mm
Minimum Readout	0.1 mm	0.01 mm
Flatness		0.05 mm
Max. Load Capacity		40.0 kgf
Weight	1.83 kg	2.00 kg

► PM100X-100



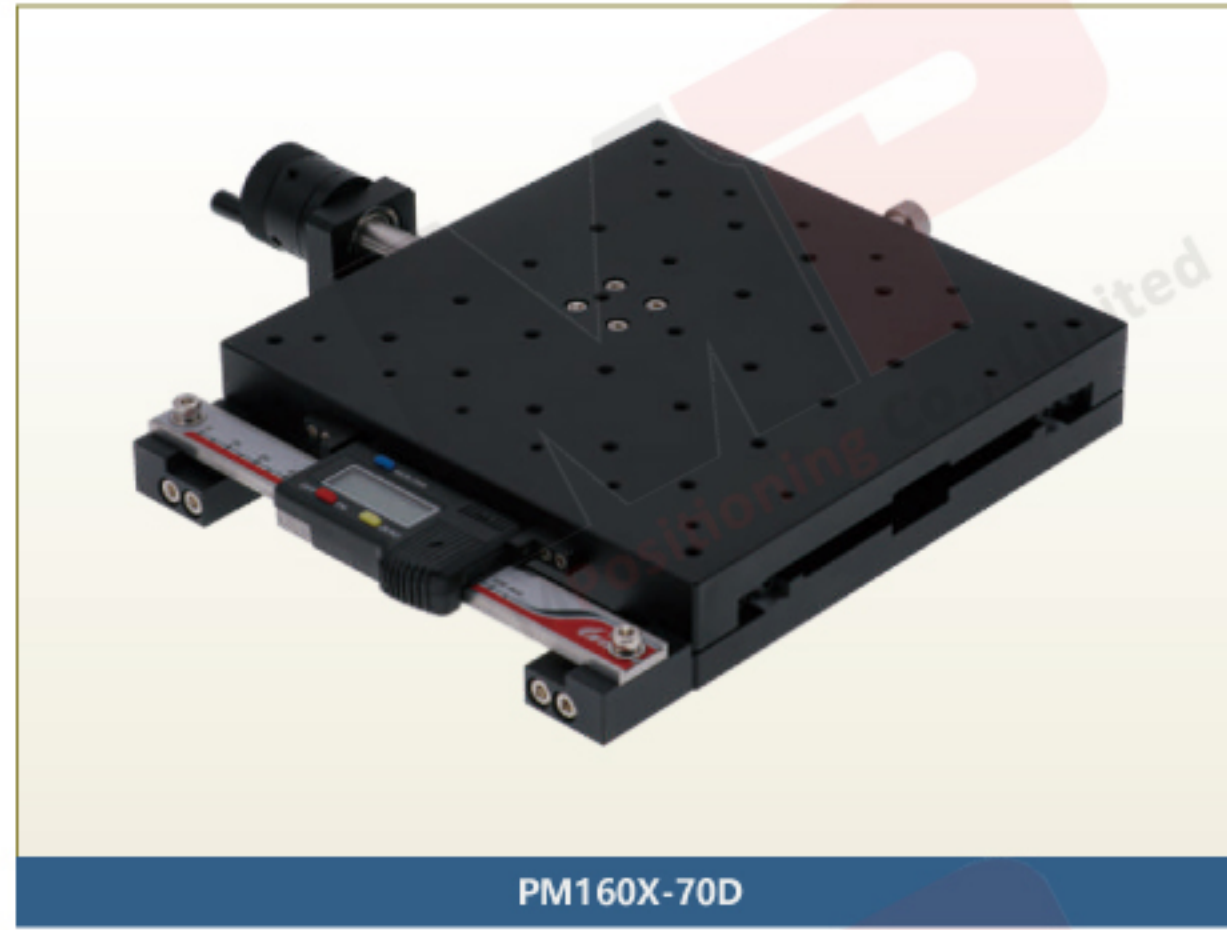
► PM100X-100D



Manual Linear Stages, Precision Lead Screw Driving



PM160X-70



PM160X-70D



PM160XY-70

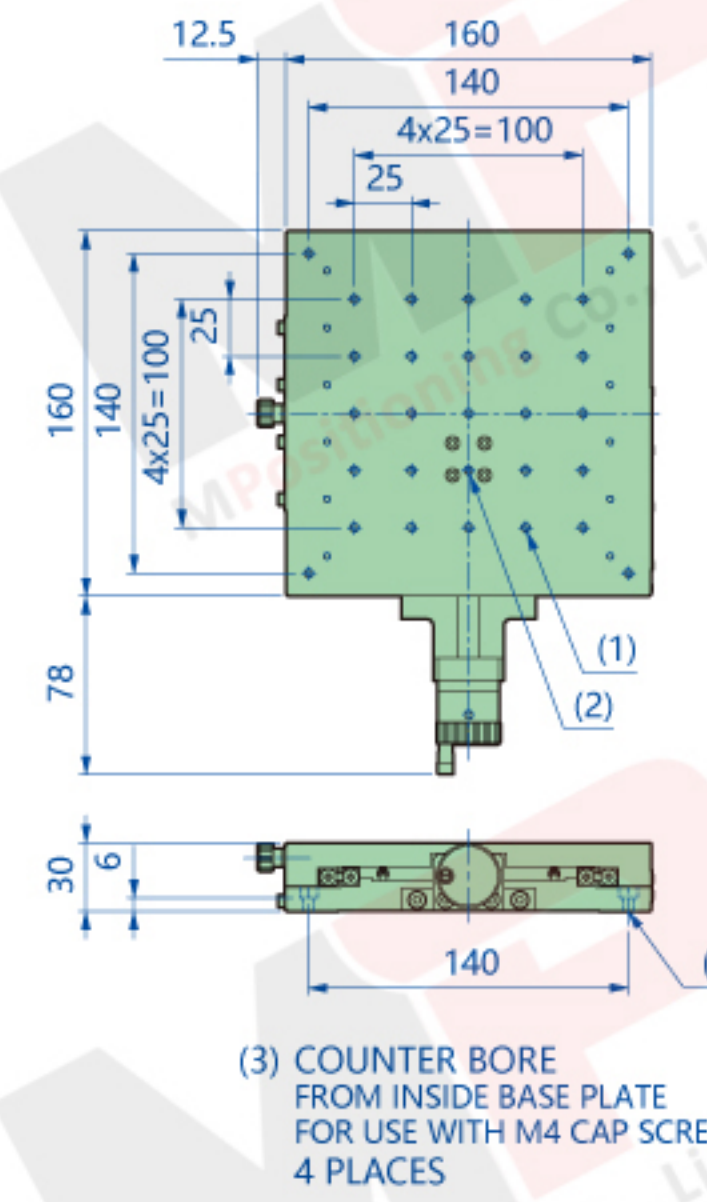
► SPECIFICATIONS

	PM160X-70	PM160X-70D	PM160XY-70
Moving Direction	X		X & Y
Travel Range	±35 mm		±35 mm
Platform Size	160 mm x 160 mm		160 mm x 160 mm
Drive Mechanism	Precision Lead Screw with Hand Knob		Precision Lead Screw with Hand Knob
Bearing Construction	Crossed-Roller Bearings		Crossed-Roller Bearings
Material, Finish	Aluminium Alloy, Black Anodized		Aluminium Alloy, Black Anodized
Thickness	30 mm		50 mm
Minimum Readout	0.1 mm	0.01 mm	0.1 mm
Flatness	0.05 mm		0.1 mm
Max. Load Capacity	40.0 kgf		40.0 kgf
Weight	2.20 kg	2.40 kg	3.60 kg

Manual Linear Stages, Precision Lead Screw Driving

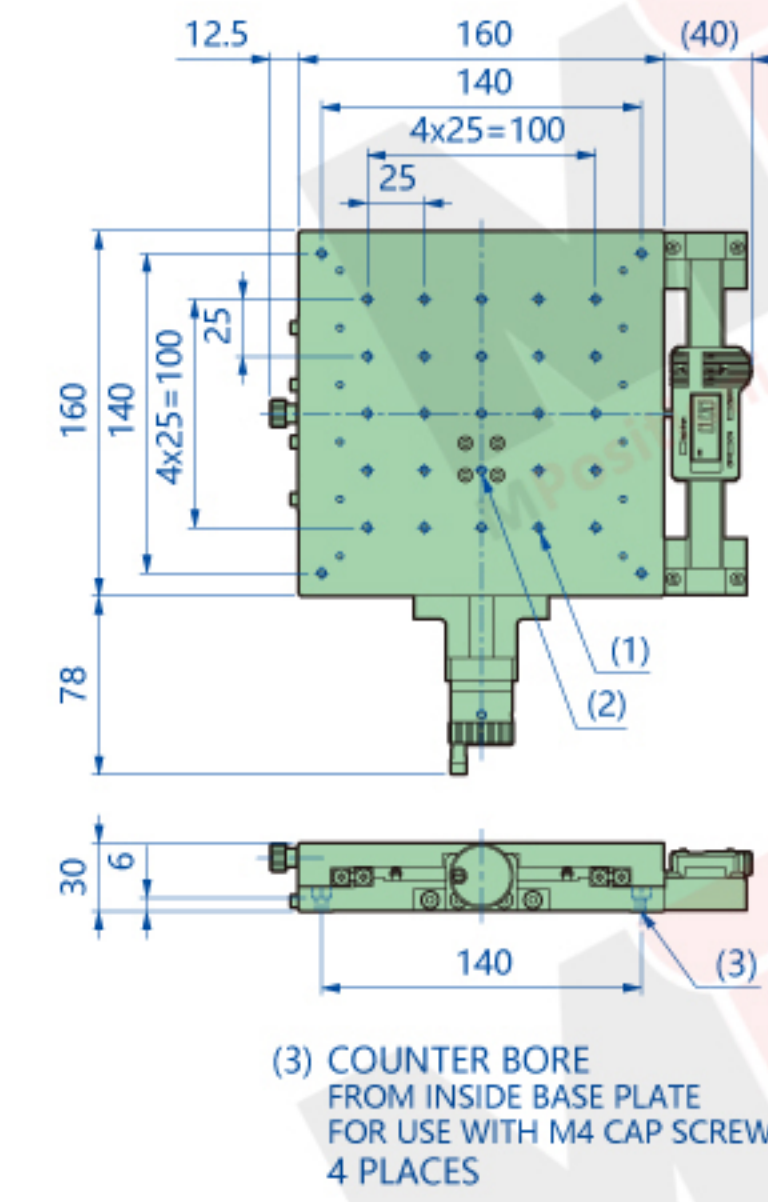


► PM160X-70



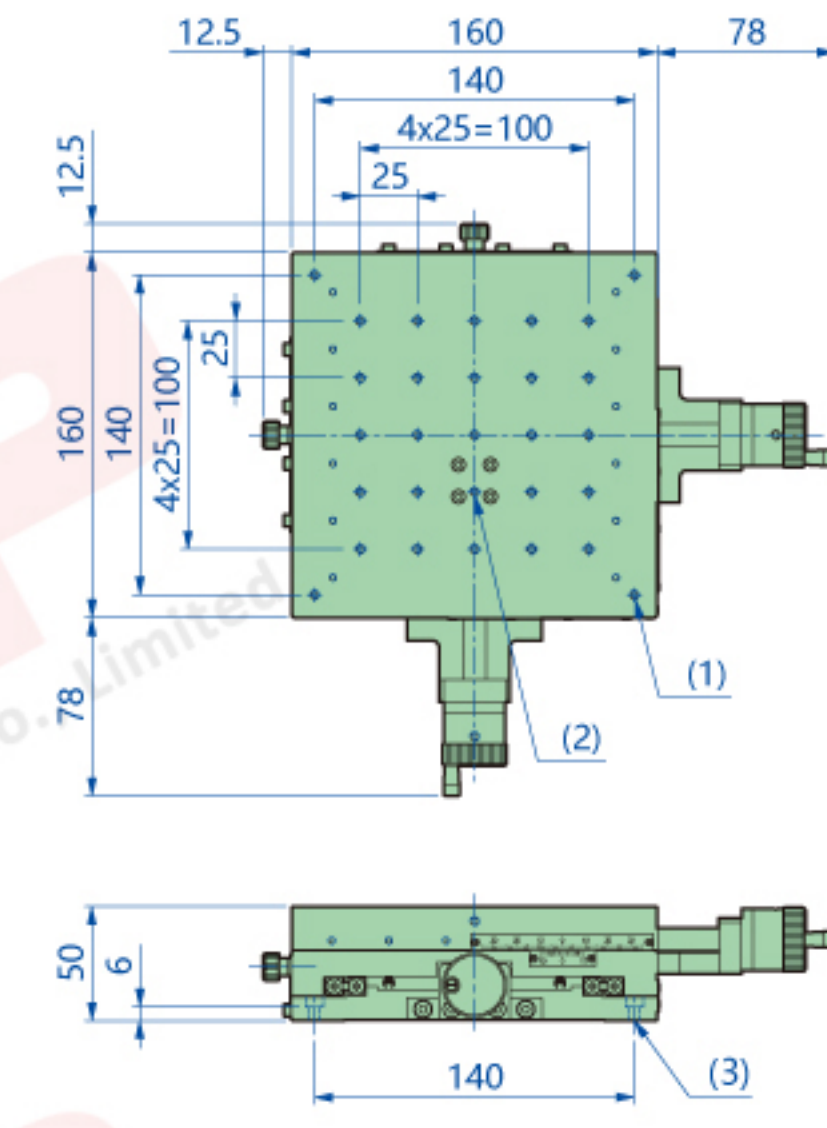
- (1) M4 x 0.7 THREAD
8 mm DEEP
(28 PLACES)
- (2) M4 x 0.7 THREAD
6.0 mm DEEP
- (3) COUNTER BORE
FROM INSIDE BASE PLATE
FOR USE WITH M4 CAP SCREW
4 PLACES

► PM160X-70D



- (1) M4 x 0.7 THREAD
8 mm DEEP
(28 PLACES)
- (2) M4 x 0.7 THREAD
6.0 mm DEEP
- (3) COUNTER BORE
FROM INSIDE BASE PLATE
FOR USE WITH M4 CAP SCREW
4 PLACES

► PM160XY-70



- (1) M4 x 0.7 THREAD
8 mm DEEP
(21 PLACES)
- (2) M4 x 0.7 THREAD
6.0 mm DEEP
- (3) COUNTER BORE
FROM INSIDE BASE PLATE
FOR USE WITH M4 CAP SCREW
4 PLACES

Manual Linear Stages, Precision Lead Screw Driving



PM200X-100



PM200X-100D



PM200XY-100

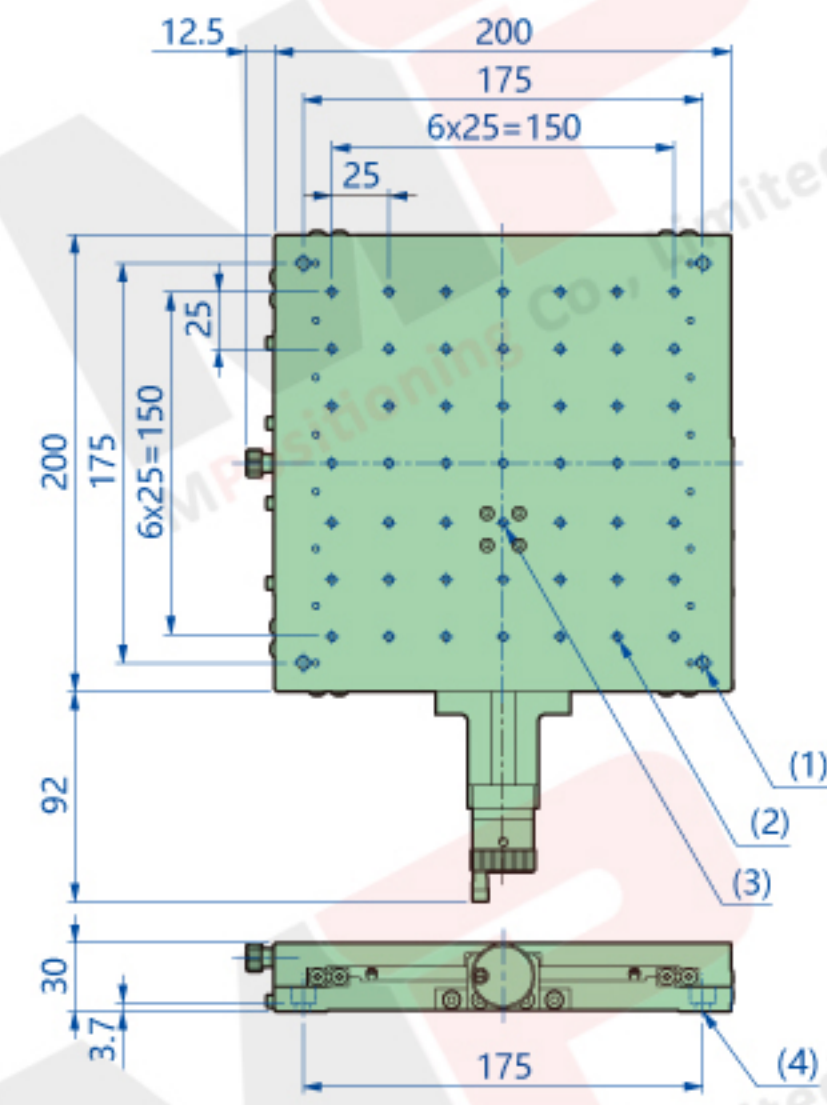
► SPECIFICATIONS

	PM200X-100	PM200X-100D	PM200XY-100
Moving Direction	X		X & Y
Travel Range	±50 mm		±50 mm
Platform Size	200 mm x 200 mm		200 mm x 200 mm
Drive Mechanism	Precision Lead Screw with Hand Knob		Precision Lead Screw with Hand Knob
Bearing Construction	Crossed-Roller Bearings		Crossed-Roller Bearings
Material, Finish	Aluminium Alloy, Black Anodized		Aluminium Alloy, Black Anodized
Thickness	30 mm		50 mm
Minimum Readout	0.1 mm	0.01 mm	0.1 mm
Flatness	0.05 mm		0.1 mm
Max. Load Capacity	40.0 kgf		40.0 kgf
Weight	3.20 kg	3.40 kg	5.20 kg

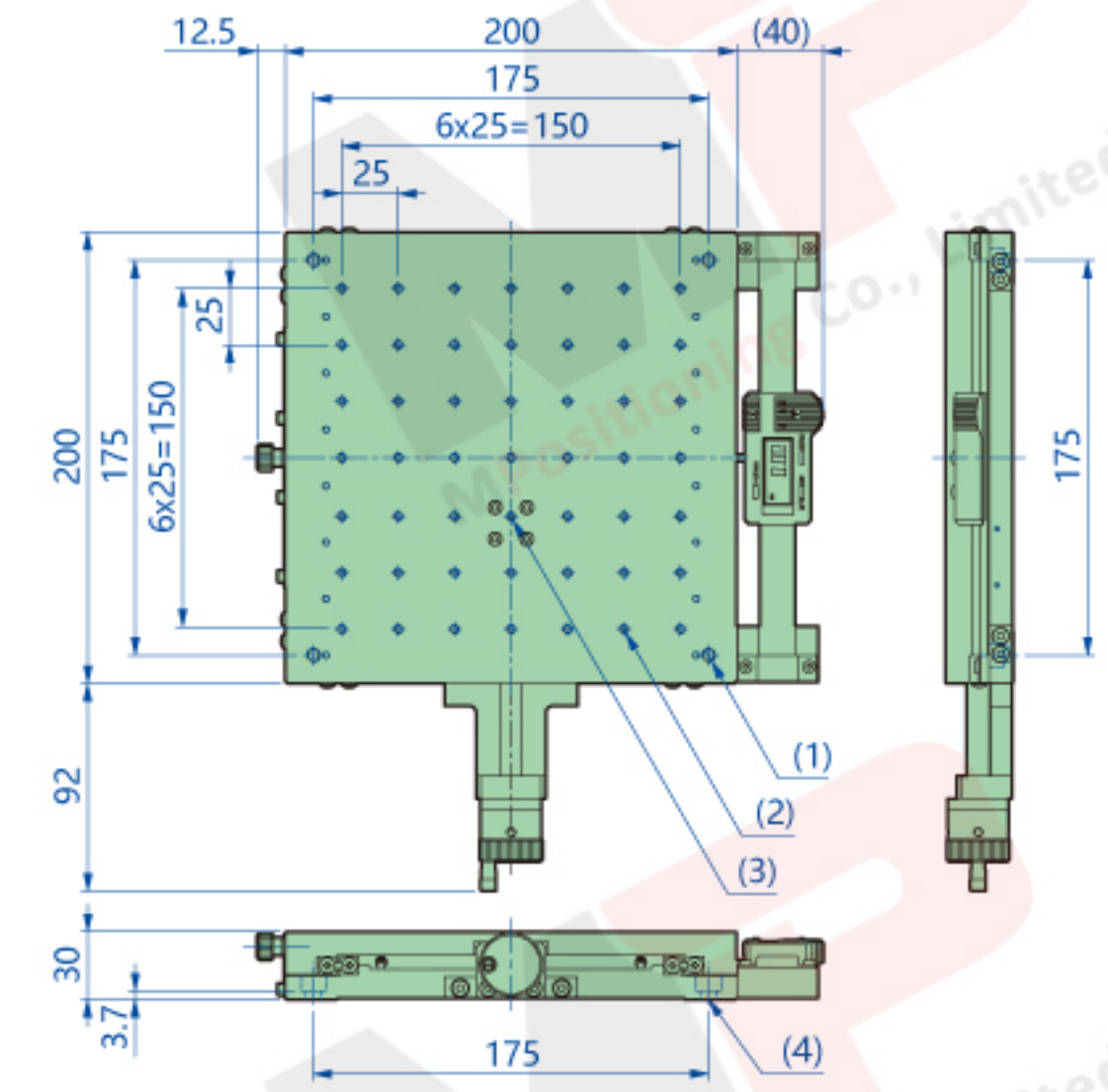
Manual Linear Stages, Precision Lead Screw Driving



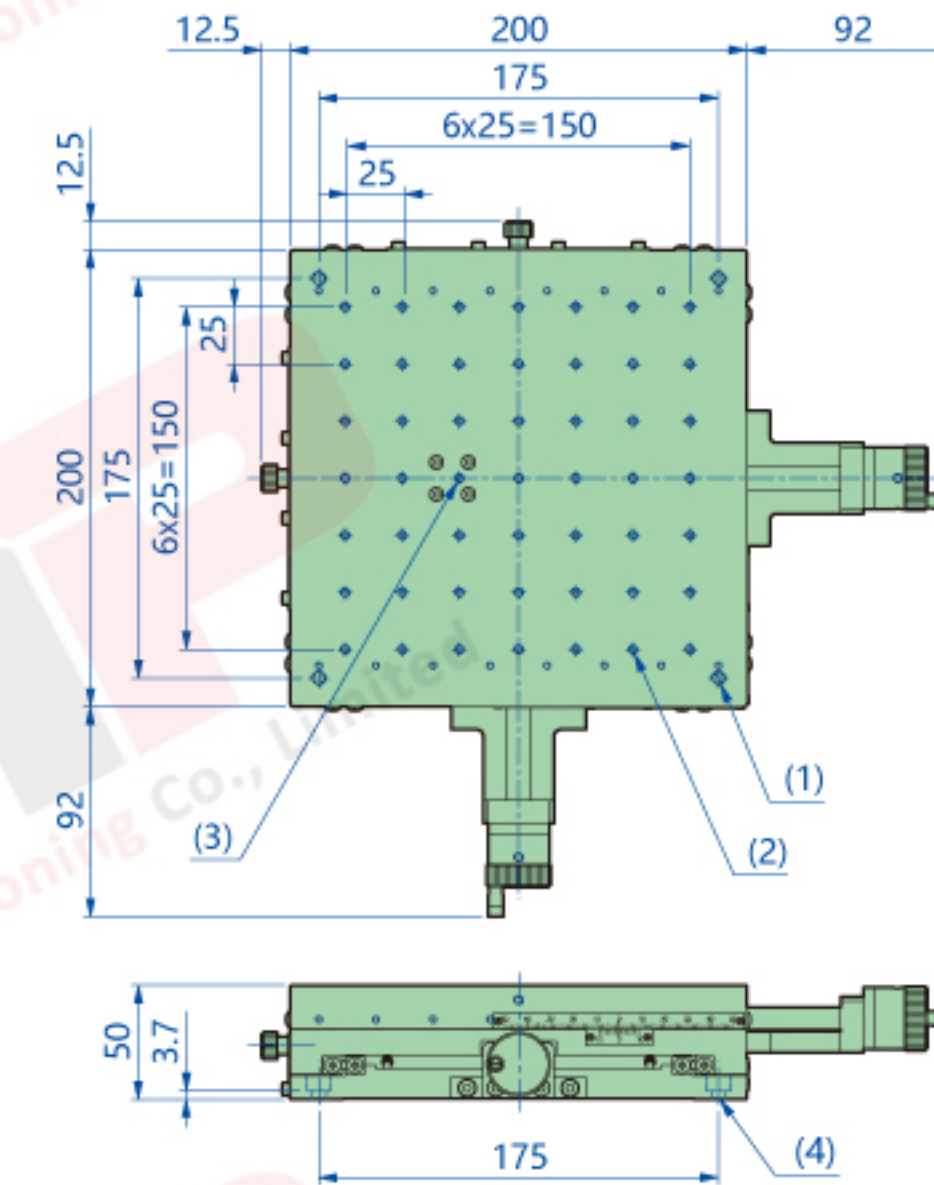
► TMX2020



► TMX2020-D



► TMY2020



- (1) M6 x 1.0 THREAD
8 mm DEEP
(4 PLACES)
- (2) M4 x 0.7 THREAD
8 mm DEEP
(48 PLACES)
- (3) M4 x 0.7 THREAD
6.0 mm DEEP
- (4) COUNTER BORE
FROM INSIDE BASE PLATE
FOR USE WITH M6 CAP SCREW
4 PLACES