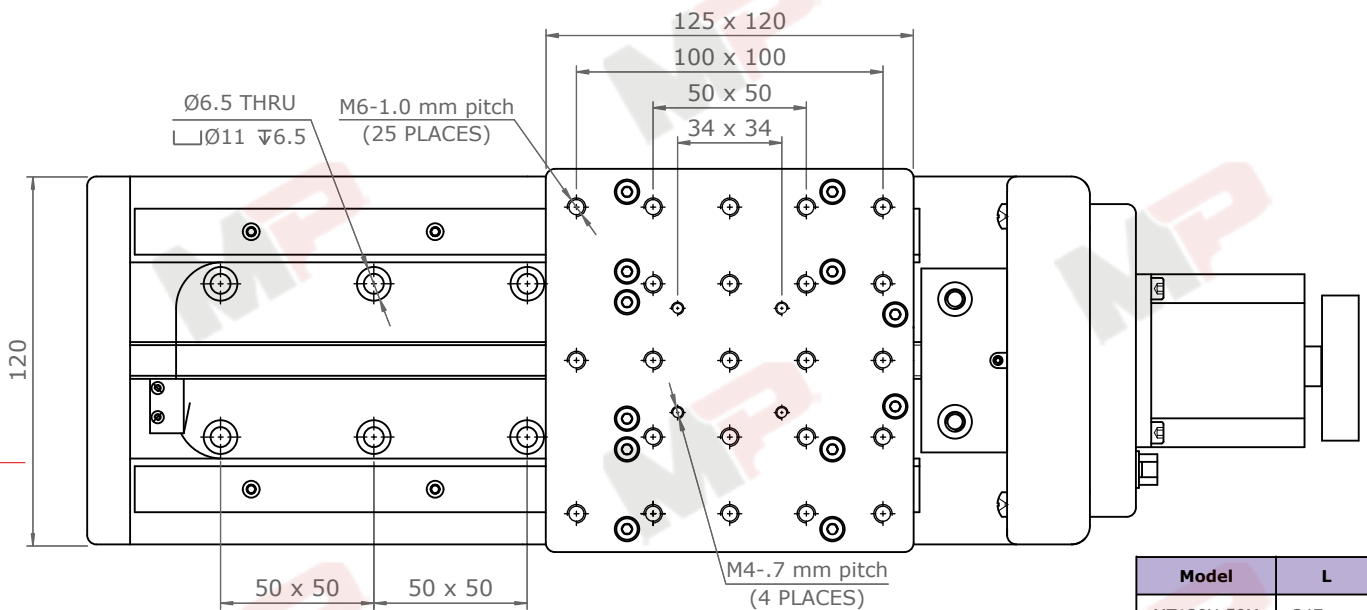
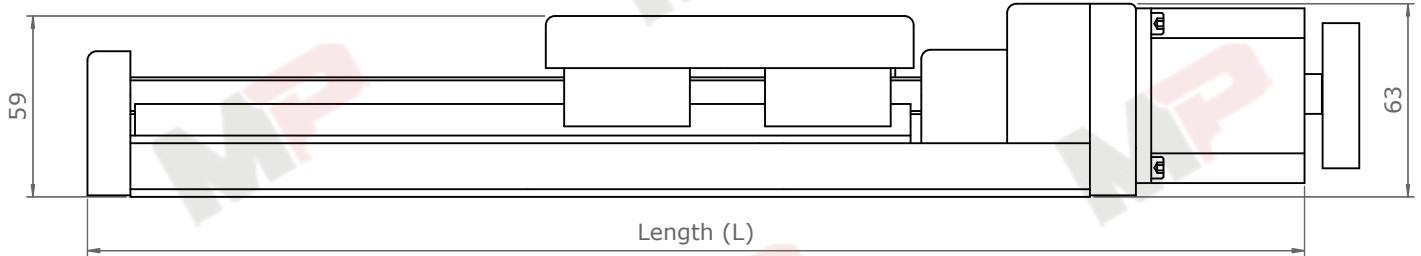


High-Performance, Mid-Range Travel Linear Motor Stages



Model	L
MT120X-50M	347 mm
MT120X-100M	397 mm
MT120X-150M	447 mm
MT120X-200M	497 mm
MT120X-300M	597 mm

Key Features

- Travel range ups to 300 mm in standard models
- Multiple stages can be stacked in XY, XZ or XYZ system
- Precise recirculation ball slide guides provide high-performance and high-loading
- Motors can be changed into Servo Motors or YOUR motors.
- Contact us for a longer-travels or loads up to 50 kgs

Motorized Linear Stage	
Travel Range	from 50 to 300 mm
Platform	120 mm x 125 mm
Max. Load	50 kg (Horizontal)
Drive Mechanism	Ball Screw w/ 5mm pitch
Travel Guide	Ball Slide Guides
Max. Velocity	40 mm/sec
Design Resolution	1.25 µm/Pulse
Repeatability	< 5 µm
Accuracy	< 7 µm
Backlash	< 7 µm

DRAWING PROJECTION		
NAME	DATE	
DRAWN	JS	2/17/2014
APPROVAL	GW	2/24/2014

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NOT FOR MANUFACTURING PURPOSES



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MODEL NO.: **MT120X**

A4

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS

REVISION: 01