



# MTW - series | Precision Motion Control Stages

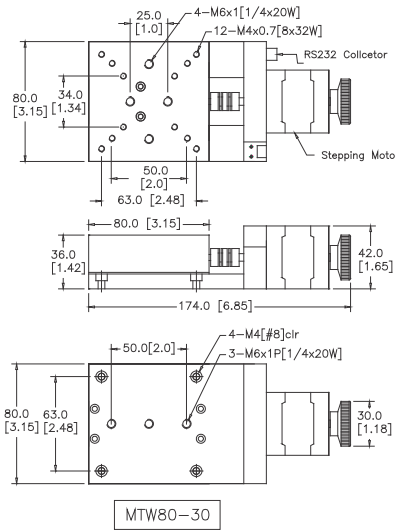


- Optional Class C3 ball-bearing screw rod ( 4 um / 100 mm )
- 4 rails and 2 rod-bearing construct as one moving unit
- High accuracy
- Heavy Load capacity
- Smooth movement with Zero-backlash
- To order Imperial model please add \* I \* to Item

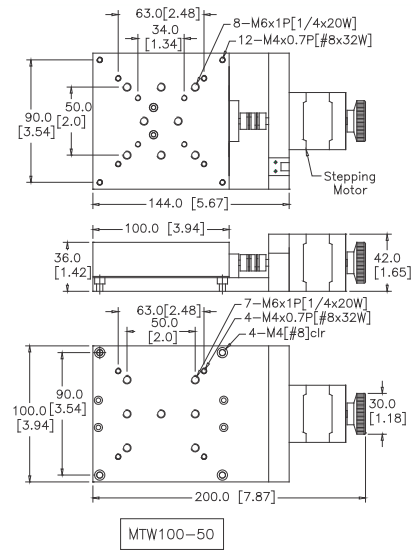
## FEATURES

- Built with precision V-type rail and rod-bearing
- Optional super precision (UP) rail makes more accuracy
- Tackle limit switch makes the signals independent of oil, temp and noise
- High speed coupling couples the stepper and main axis screw rod
- Driven by two phase motors and micro-stepping controller
- Customer specification upon request

**MTW80-30**



**MTW100-50**



ITEM NUMBER	Travel length (mm)	Platform Dimensions (mm)	Load capacity (Kg)	Resolution (um)	Repeatability ± (um)	Position Accuracy ± (mm)	Straightness ± (mm)	Weights (Kg)
MTW65-30	25	65x65	8	0.313	0.313	0.017/100	0.01	0.82
MTW80-30	30	80x80	10	0.625	0.625	0.017/100	0.01	1.12
MTW80-30-C3	32	80x80	10	0.625	0.625	0.004/100	0.01	1.12
MTW100-50	50	100x100	15	0.625	0.315	0.017/100	0.015	1.55
MTW100-50-C3	50	100x100	15	0.625	0.315	0.004/100	0.015	1.55

自動定位系統

Optical Table

Stage

Optics Mounts

Post & Component

**Motion System**

Precision Motion Control Stages

MTW - series

Educations

Laser Equipment

Lasers

Optics & Crystals