

MICOS

MOTION CONTROL & OPTICS **USA**

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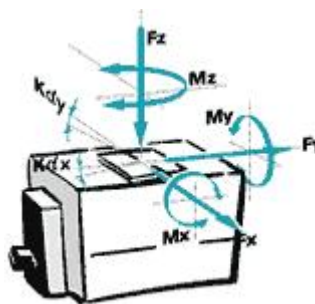
Elevation Stage AHT-65

Manual Positioners



Key features

- Travel range 25 mm
- 25 mm clear aperture
- Load capacity 3 kg
- Linear ball-bearings
- Module combination



FACTS

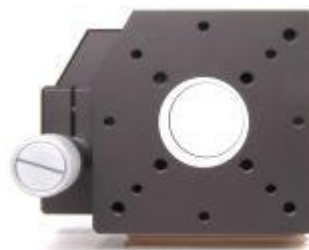
Load Characteristics	Fx (N)	Fy (N)	+Fy (N)	-Fz (N)	Mx (Nm)	My (Nm)	Mz (Nm)	kax (μrad/Nm)	kay (μrad/Nm)
MM-010	30	30	30	0	2	2	2	300	300

DESCRIPTION

AHT-65, 25 mm clear aperture

Special characteristic of the Elevation Stage **AHT-65** is its very compact structural shape. The module is suitable for the precise

positioning of light construction parts. The translation is made with a Micrometer MM-010. Resolutions up to 10µm can be achieved.



Technical data

Travel Range (mm)	25
Bi-directional Repeatability (µm)	-
Accuracy per 10 mm (µm)	+/- 5
Velocity Range (mm/sec)	-
Straightness / Flatness (µm)	+/- 1.5
Pitch (µrad)	+/- 400
Yaw (µrad)	+/- 400
Micrometer Pitch (mm)	0.5

Resolution (µm)

MM-010, Micrometer	10
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Sensitivity (µm)

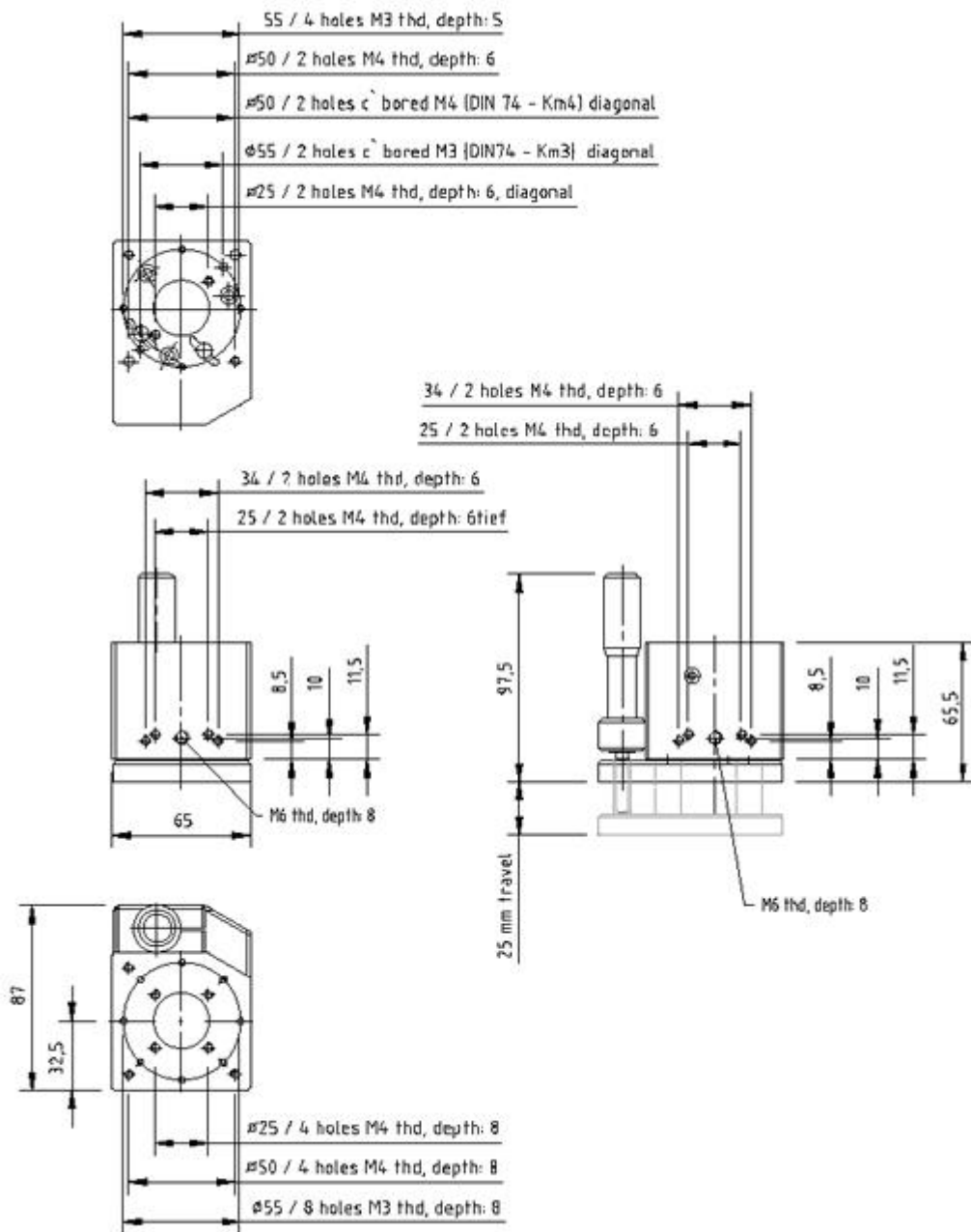
MM-010, Micrometer	2
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Material

Aluminium, black anodized

Weight (kg)

0.9



MOTION CONTROL Systems Positioners MiniPos DirectDrives Controllers ManPos Accessories Vacuum MAC PhotonX M A C

AHT-65 Ordering information

Elevation Stage	Order-No.
AHT-65	6246-9-210

Founded in 1990, MICOS specializes in the development, manufacturing and marketing of ultra-high precision positioning components and systems for research and industry. We are experts in vacuum, ultra-high vacuum, clean room, and extreme climate environments down to 77 Kelvin. ▶▶

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