

MICOS

MOTION CONTROL & OPTICS **USA**

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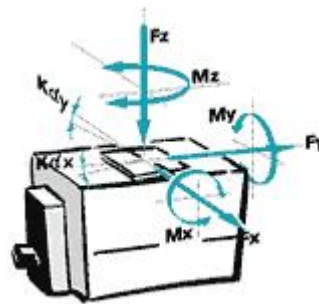
◀ 6.000 ▶ **Elevation Stage AHT-65**

Manual Positioners



Key features

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



FACTS

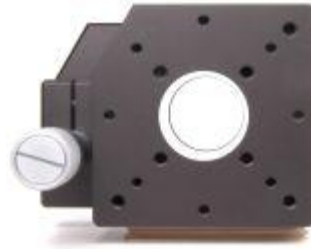
Load Characteristics	F _x (N)	F _y (N)	+F _y (N)	-F _z (N)	M _x (Nm)	M _y (Nm)	M _z (Nm)	k _{ax} (μrad/Nm)	k _{ay} (μrad/Nm)
MM-010	30	30	30	0	2	2	2	300	300

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 10 μ m can be achieved.



Technical data

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

Resolution (μ m)

MM-010, Micrometer	10
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Sensitivity (μ m)

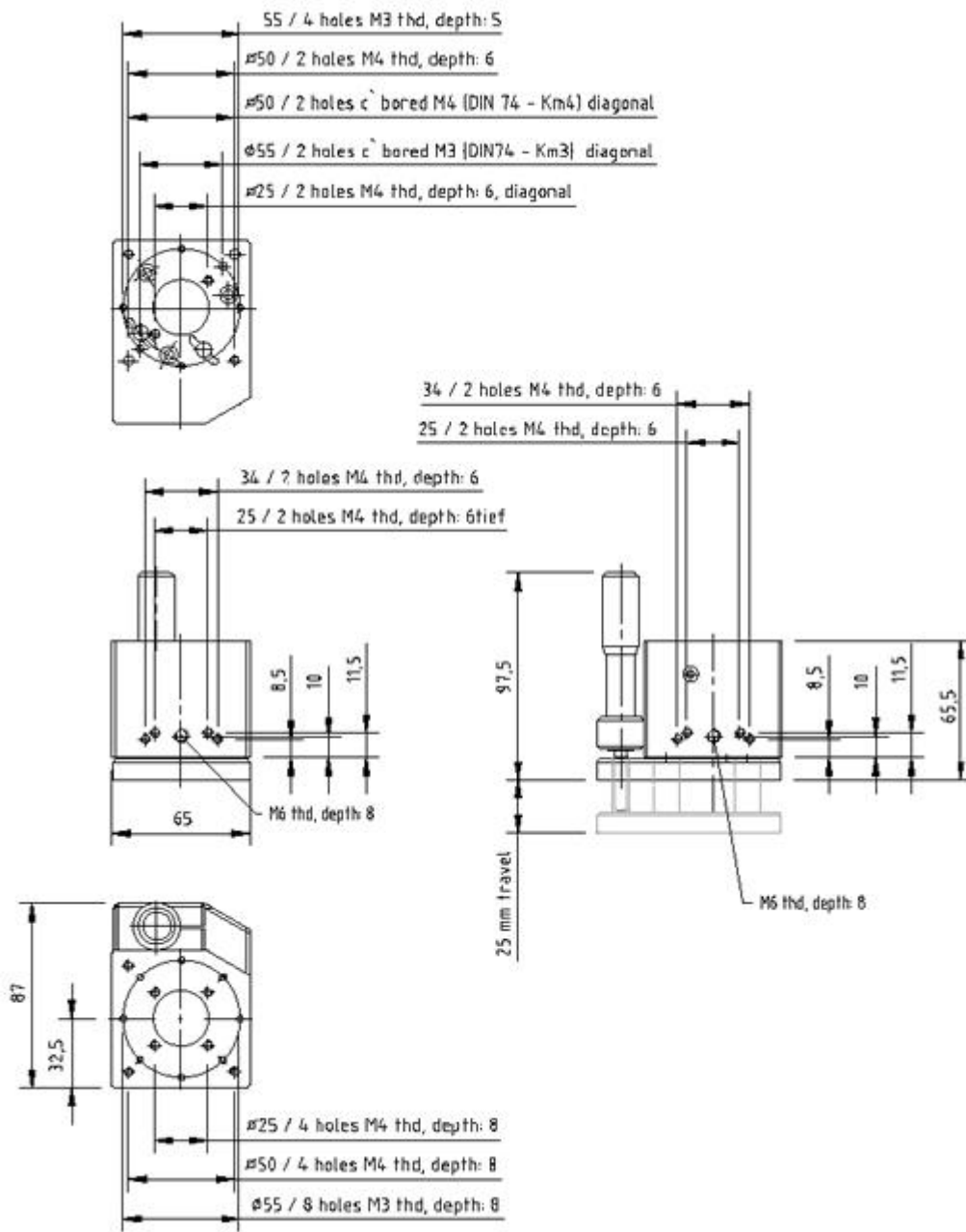
MM-010, Micrometer	2
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Material	Aluminium, black anodized
Weight (kg)	0.9

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

AHT-65 Base & Knobs

Travel range
25 mm



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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