

THE DDM500, THE LARGEST STANDARD MOUNT WITH DIRECT DRIVE AND ABSOLUTE ENCODERS AVAILABLE WORLDWIDE.

Over 15 years of experience went into the design of the DDM500. Ready to carry large aperture telescopes with the highest level of pointing and tracking accuracy. Load capacity is 500kg/1100lbs on a custom-built pier. The ASA DDM500 is the perfect workhorse for all areas of research ranging from astronomical observations to laser communication and satellite tracking.

Main Facts

Type Alt-Azimuth (separate addon) / Equatorial

Dual mounting (TWIN)

Yes, 2x 500kg

Motor

ASA Direct Drive

Latitude Range

0 to 90 degrees

Max. load capacity 500kg (1102lbs)

Weight mount (without counterweight)

281kg (620lbs)

Power supply

Included 24 volts

Software

ASA API (application programming interface) available autumn 2023 ASA Software(Autoslew, Sequence-windows based) with ASCOM-Alpaca

Max. slew speeds

Up to 50 degrees per second

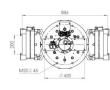
Pointing Accuracy (20° to 85°)

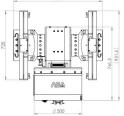
<8" RMS with pointing model and ASA telescope

Tracking Accuracy (20° to 85°) <0,25" RMS within 5 minutes tracking time over 5 min 0,05" RMS/min

System Natural Frequency

10 Hz or greater





16.10.2023 | technical modifications, printing and errors expected. Check for validity online! ASA Astrosysteme GmbH | A-4212 Neumarkt i. M. | Galgenau 19 | +43 7942 778 11-500 | office@astrosysteme.com | astrosysteme.com



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