HIGHLY VERSATILE

The AstroTube Max is a highly scalable, lightweight deployable boom to support a wide variety of missions:

- Large antenna reflector placement
- Instrument positioning
- Thruster deployment
- Gravity gradient stabilisation

TUNABLE & SCALABLE

- Scalable from 1 – 15 m
- Single shot, partial deployment or fully retractable
- Variable form factor/stowage envelope

FLIGHT-PROVEN OUTER TELESCOPIC COMPOSITE SHELL PROVIDES TUNABLE STIFFNESS

LOW COMPLEXITY, LIGHTWEIGHT DEPLOYMENT MECHANISM WITH MOTOR REDUNDANCY

UP TO 360° PAYLOAD ROTATION CAPABILITY (OPTIONAL)

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The AstroTube Max is based on a TRL9, flight-proven outer telescopic shell and driving mechanism, with dual redundancy, providing high reliability while keeping mass and costs low.

The unique and scalable boom concept allows for a wide range of configurations tailored to your needs. Oxford Space Systems is open to co-engineering to suit specific requirements.

AstroTube Max next flight scheduled for Q4 2019.