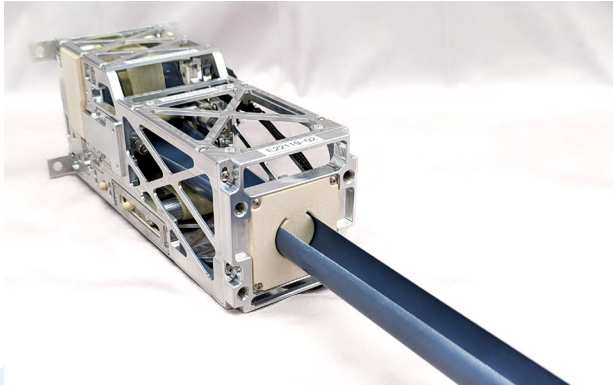


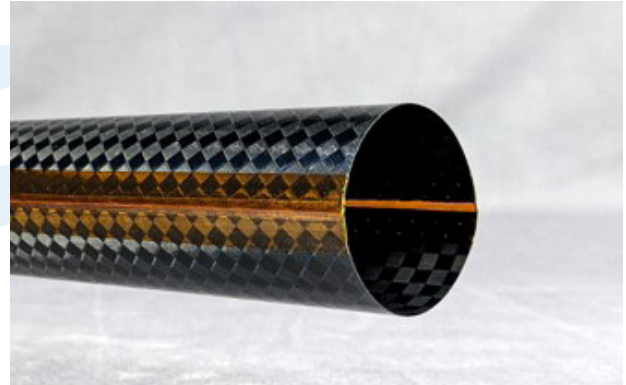
OPTERUS

BOOM SYSTEMS



SLIT-TUBE

- Flight Heritage
- Diameters range from 5-300mm
- Low dimensional precision
- Lowest cost to manufacture
- Can be passively deployed



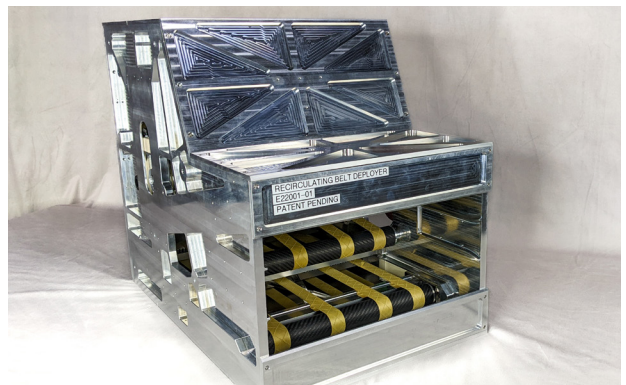
LIVING HINGE BOOM (LHB)

- High torsional stiffness
- Diameters range from 10-100mm
- High strength
- Low cost to manufacture
- High packaging efficiency



**TRUSSED COLLAPSIBLE
TUBULAR MAST (TCTM)**

- High torsional stiffness
- Diameters range 50-600mm
- Extremely mass efficient
- Highest dimensional precision
- Truss-class structural performance



**RECIRCULATING BELT
DEPLOYER (RBD) MECHANISM**

- Scalable to accommodate all boom types, diameters, and lengths
- Low complexity; Rapidly reconfigured for customer requirements
- High packaging efficiency (no separate spools)
- Fully retractable
- Capable of reacting load throughout deployment