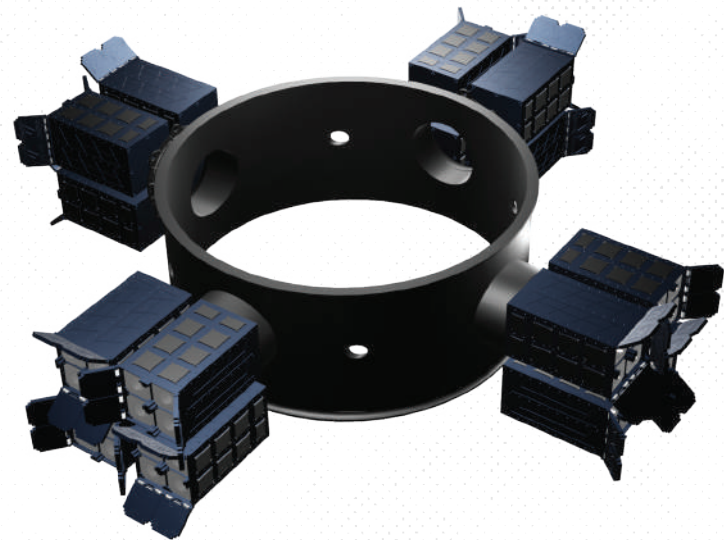




DSOD

Dhruva Space Satellite Orbital Deployers

CubeSat
Deployers



www.dhruvaspace.com

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DSOD – 1U

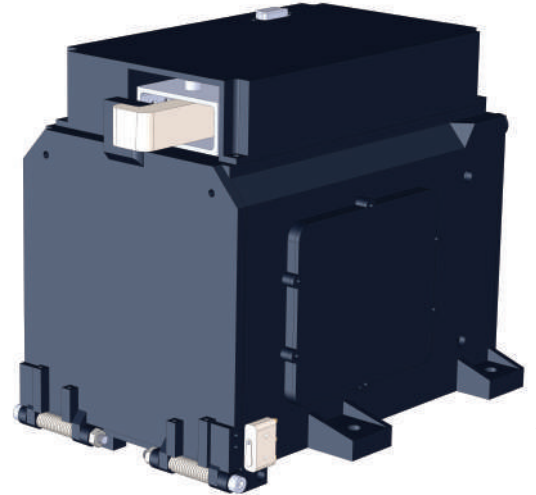
CHARACTERISTIC	SPECIFICATION
CUBESAT FORM FACTOR	1U, 0.5U
TOTAL CUBESAT MASS	2 kg
SIDE VOLUME	Upto 9 mm on all sides
EJECTION VELOCITY	< 2 m/s

Multiple CubeSat configurations

Non-Pyrotechnic Hold Down and Release Mechanism (HDRM)

Pre-qualified and assembled (Mechanical, Electrical) and ready for Payload Integration

Onboard Telemetry Sensors included for Deployment Confirmation and Ejection Velocity Measurement.



1U CubeSat Deployer

DSOD – 3U

CHARACTERISTIC	SPECIFICATION
CUBESAT FORM FACTOR	1U, 1.5U, 2U, 3U
TOTAL CUBESAT MASS	6 kg
SIDE VOLUME	Upto 9 mm on all sides
EJECTION VELOCITY	< 2 m/s

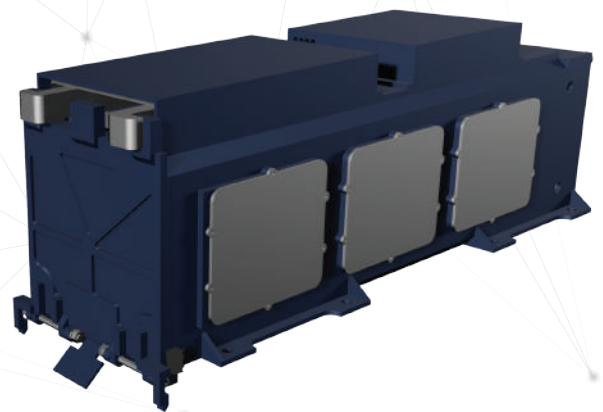
Multiple CubeSat configurations

Reconfigurable design to accommodate Hosted Payload

Non-Pyrotechnic Hold Down and Release Mechanism (HDRM)

Pre-qualified and assembled (Mechanical, Electrical) and ready for Payload Integration

Onboard Telemetry Sensors included for Deployment Confirmation and Ejection Velocity Measurement.



3U CubeSat Deployer

DSOD – 12U

CHARACTERISTIC	SPECIFICATION
CUBESAT FORM FACTOR	1U, 1.5U, 2U, 3U, 6U, 12U
TOTAL CUBESAT MASS	24 kg
SIDE VOLUME	Upto 9 mm on all sides
EJECTION VELOCITY	< 2 m/s



12U CubeSat Deployer

Multiple CubeSat configurations

Reconfigurable design to accommodate Hosted Payload

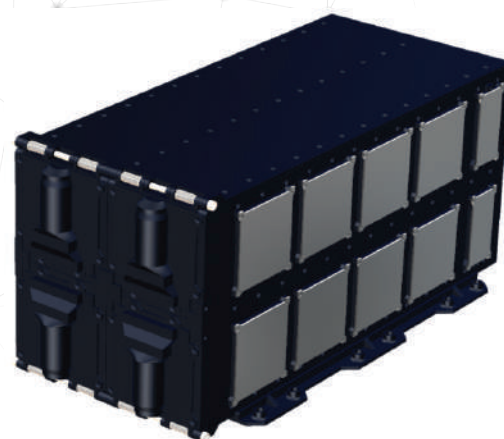
Non-Pyrotechnic Hold Down and Release Mechanism (HDRM)

Pre-qualified and assembled (Mechanical, Electrical) and ready for Payload Integration

Onboard Telemetry Sensors included for Deployment Confirmation and Ejection Velocity Measurement.

DSOD – 16U

CHARACTERISTIC	SPECIFICATION
CUBESAT FORM FACTOR	1U, 1.5U, 2U, 3U, 6U, 12U, 16U
TOTAL CUBESAT MASS	32 kg
SIDE VOLUME	Upto 9 mm on all sides
EJECTION VELOCITY	< 2 m/s



16U CubeSat Deployer

Multiple CubeSat configurations

Reconfigurable design to accommodate Hosted Payload

Non-Pyrotechnic Hold Down and Release Mechanism (HDRM)

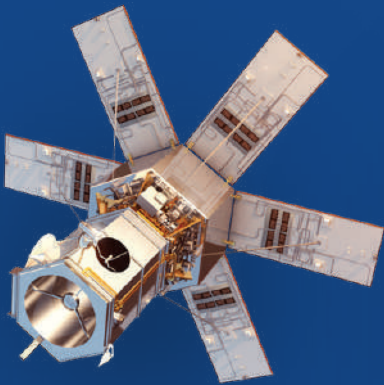
Pre-qualified and assembled (Mechanical, Electrical) and ready for Payload Integration

Onboard Telemetry Sensors included for Deployment Confirmation and Ejection Velocity Measurement.

About Us

Dhruva Space Private Limited is a National Award-winning Space Technology company focused on building full-stack Space Engineering solutions. The company is based out of Hyderabad, India, and Graz, Austria. We are actively involved in realising Space missions in India and around the world.

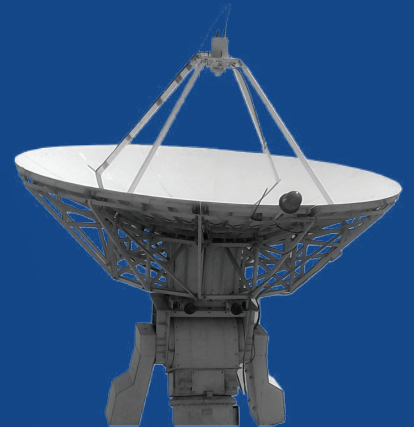
Our vision is to offer Satellites coupled with Earth stations and Launch services as an integrated solution or individually as a technology solution to power Space-based applications on Earth and beyond.



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LAUNCH



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