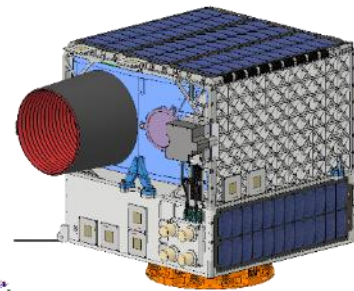


LEOS-50 PLATFORM

The LEOS-50 platform is the workhorse of BST satellites. Satellites based on LEOS-50 can carry a vast number of payloads offering an excellent performance. LEOS-50MR is focused on smaller payloads and LEOS-50HR supports payload with up to 1.5m GSD. This versatility combined with system robustness makes LEOS-50 the recommended entry point for the BST Training Program.



LEOS-50 Platform



	LEOS-50MR	LEOS-50HR
System	Volume: 570x570x400mm ³ Mass: 75kg with electric propulsion Design Life: 5 year LEO	Volume: 570x570x600mm ³ Mass: 75kg with electric propulsion Design Life: 5 year LEO
Payload	550x550x200mm ³ 10-15kg (recommended) 25W av. 250W peak	540x540x400mm ³ 15-30kg (recommended) 25W av. 250W peak
Bus	Very Fast Target Pointing (5°/s), S-Band TT&C, 100Mbit/s or 320Mbit X-Band downlink, Fully Encrypted (Data & TT&C), Electrical Propulsion	