beyond gravity

SCO-M Spacecraft Container Mega

30 years of high performance, high reliable and high-end Mechanical Ground Support Equipment.

Beyond Gravity delivers Spacecraft Containers tailored to customer requirements. Transport and Storage Containers protect the satellites during road and air transportation and long-term storage.

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Heritage

More than 60 Spacecraft Containers have been delivered to institutional and commercial customers worldwide.

Key features

Depressurisation acc. to IATA	Normal Conditions: Breathing Units Emergency Conditions: Burst Disc
Temperature	+19°C to +25°C (Operational, inside) -40°C to +45°C (Transport, outside)
Humidity	< 65% relH. (Operational, inside) ≤ 100% relH. (Transport, outside)
Cleanliness	Class ISO 8 (ISO 14644-1)
Monitoring Devices	Temperature, Humidity, Acceleration, Pressure

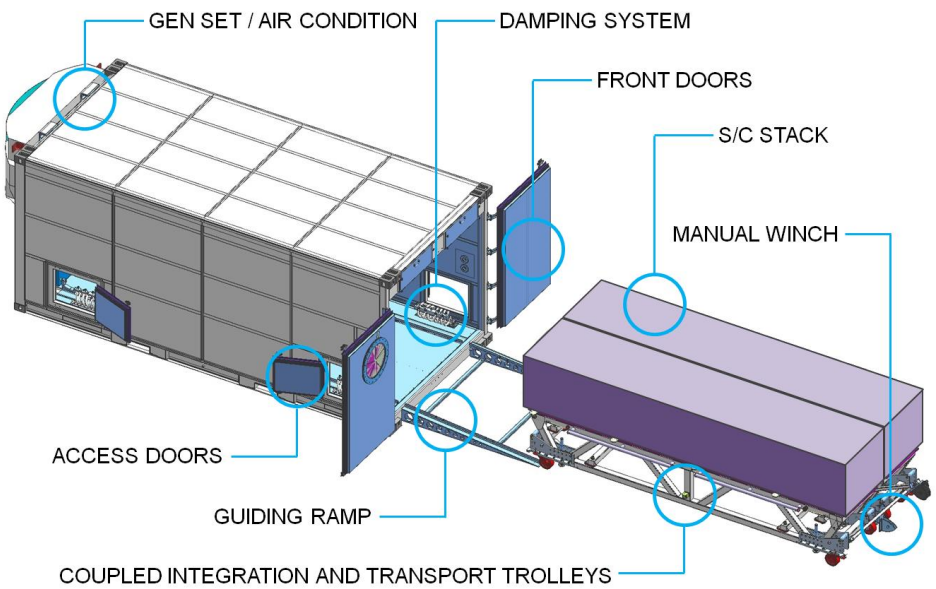
Physical Properties

Dimensions L x W x H	Transport	6785 × 2765 × 2595 mm 22.2 × 9.1 × 8.5 ft
	with Towbar / Castors / Jacks	9490 × 3765 × 3085 mm 31.1 × 12.4 × 10.1 ft
Required height under hook		7000 mm / 23 ft
Mass empty (Container only)		5400 kg / 12000 lbs
Mass with GenSet and ITR (Tare)		9500 kg / 20950 lbs
Total mass loaded		11000kg / 24250 lbs

Transport	via truck (standard trailer with twist locks), train, ship or airplane (max. 8 SCO-M in AN-124)
Storage	Stack of 2 SCO-M
Handling	Lifting with Hoisting Equipment via ISO corners / Jacks / Castors, Steering Poles and Towbar

Payload

SCO-M SWL	1470 kg / 3240 lbs
S/C Stack Dimensions L x W x H (nominal)	5119 × 1074 × 989 mm 201.5 × 42.2 × 38.9 in
Handling of S/C stack	1 S/C stack per ITR max. 2 coupled ITRs per SCO-M
Amount of S/C stacks	max. 2 nominal sized S/C stacks
I/F to ITR	customizable I/F plate



Deliverable Documents

User and Maintenance Manual / Analysis Report / Test Report / Interface Control Drawing