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OHB System AG

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PRODUCTS

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as of 20 August 2026

A large, faint, stylized circular graphic in the bottom right corner, consisting of concentric arcs and a central circle, resembling a target or a stylized 'O'.

OHB System AG

OHB System AG, headquartered in Bremen and Oberpfaffenhofen (near Munich), Germany, is one of Europe's most successful space companies and a key subsidiary of the OHB SE high-tech group. With more than 40 years of experience and around 3,000 qualified professionals, OHB System AG delivers high-tech solutions across the full satellite lifecycle — from mission analysis and design through integration, testing, and launch campaign support. The company specialises in the development of small and medium-sized satellites for Earth observation, navigation, telecommunications, scientific research, and human spaceflight. Its satellite platforms — SmallGEO, SmartMEO, and SmartLEO — serve geostationary, medium-Earth-orbit, and low-Earth-orbit missions respectively. OHB System AG has served as prime contractor on landmark European programmes including the Galileo Full Operational Capability navigation constellation, the SAR-Lupe radar reconnaissance constellation, the EnMAP Earth observation mission, the Hispasat 36W-1 telecommunications satellite, and the Heinrich Hertz technology demonstration satellite. The company maintains long-standing partnerships with ESA, DLR, and the German Federal Ministry of Defence.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

Product catalogue



OHB SYSTEM AG

EnMAP Hyperspectral Imager (HSI)

Pushbroom hyperspectral imaging instrument covering 420–2450 nm in 228 spectral bands at 30 m GSD, built for ESA/DLR's EnMAP global environmental monitoring satellite.

Spectral range	420–2450 nm (VNIR + SWIR combined)
Spectral bands	228 bands (VNIR ~5 nm sampling; SWIR ~10 nm sampling)
Ground sample distance	30 m
Swath width	30 km
Orbit altitude	~650 km sun-synchronous
Repeat cycle	27 days (exact repeat)
Daily coverage	up to 5,000 km strip per day

flight proven • TRL 9

price on request



OHB SYSTEM AG

Heinrich Hertz (H2Sat) Platform

Advanced GEO technology-demonstration satellite based on SmallGEO bus, hosting flexible in-orbit verification payloads for DLR.

Orbit	Geostationary Earth Orbit (GEO)
Launch Mass	~3,408 kg
Platform Bus	SmallGEO (LUXOR)
Launch Date	July 2023
Customer	DLR (German Aerospace Center)
Contract Value	EUR 310.5 million
Mission Type	Technology demonstration / communications

price on request



OHB SYSTEM AG

SmallGEO

European small geostationary satellite platform for commercial telecommunications missions up to 3,500 kg launch mass.

Orbit	Geostationary Earth Orbit (GEO)
Launch Mass	~3,200–3,500 kg
Dry Mass	~1,700 kg
Payload Capacity	Up to 300 kg
Payload Power	Up to 3 kW
Platform Power	> 6 kW (beginning of life)
Design Lifetime	Up to 15 years

price on request



OHB SYSTEM AG

SmartLEO

Flexible LEO satellite platform for Earth observation and reconnaissance missions, proven on SAR-Lupe and EnMAP.

Orbit	Low Earth Orbit (LEO), including Sun-Synchronous Orbit (SSO)
Typical Mass Range	~770–940 kg
Typical Orbit Altitude	470–650 km
Heritage Missions	SAR-Lupe constellation (5 satellites), EnMAP

price on request



OHB SYSTEM AG

SmartLEO Agile (SARah)

CMG-enhanced high-agility derivative of SmartLEO for wide-area SAR reconnaissance, forming the backbone of Germany's three-satellite SARah military constellation.

Satellite bus	SmartLEO Agile (CMG-enhanced)
Launch mass	1900-2100 kg
Attitude control	CMG-enhanced three-axis stabilised; slew rate up to 3 deg/s
Orbit	Low Earth Orbit (LEO)
Flight heritage	SARah-1, -2, -3 (launched June and December 2022)
TRL	9 (flight-proven, operational SARah constellation)

flight proven · TRL 9

price on request



OHB SYSTEM AG

SmartMEO

Medium-Earth-orbit navigation satellite platform proven on 34 Galileo FOC satellites at ~23,616 km altitude.

Orbit	Medium Earth Orbit (MEO), ~23,616 km, 56° inclination
Launch Mass	~733 kg
Propulsion	8x 1 N hydrazine thrusters
Design Lifetime	> 12 years
Heritage	34x Galileo FOC satellites (ESA/European Commission)
Payload	Navigation atomic clocks (H-maser + rubidium), SAR transponder

price on request



OHB SYSTEM AG

TET Satellite Family (TET-X / TET-XL)

Scalable small-satellite platform family for technology demonstration and Earth observation: TET-X (120 kg, 50 kg payload) and TET-XL (200 kg, 80 kg payload), derived from the flig

Variants	TET-X (120 kg total, 50 kg payload); TET-XL (200 kg total, 80 kg payload)
Orbit	Low Earth Orbit (LEO)
Attitude control	Three-axis stabilised
Flight heritage	TET-1 (launched July 2012, DLR); BIR0S (launched June 2016, DLR)
TRL	9 (TET-1 and BIR0S flight-proven)

flight proven · TRL 9

price on request

Contact OHB System AG

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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<https://www.ohb-system.de/>

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