



Walchandnagar Industries

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as of 20 August 2026

Walchandnagar Industries

Walchandnagar Industries Limited (WIL) is an ISO 9001:2015 certified Indian heavy-engineering company listed on the BSE and NSE, carrying a legacy of more than 100 years of engineering excellence since its founding in 1908. Headquartered in Pune, Maharashtra, with major manufacturing facilities at Walchandnagar, Satara, Dharwad and Dahej, WIL operates across strategic sectors — Aerospace, Defence & Missiles, and Nuclear Power — alongside industrial products such as gear boxes, centrifugal machines and precision castings. WIL's association with the Indian Space Research Organisation (ISRO) began in 1973 with the manufacture of motor cases for the SLV-3 programme. Since then, the company has been a continuous fabrication partner across India's launch-vehicle evolution — SLV-3, ASLV, PSLV and GSLV Mk II and Mk III — supplying strap-on booster casings, core booster motor segments, nozzles, tankages and end rings. Hardware built by WIL has flown on the missions that orbited ROHINI, SROSS, IRS and INSAT/G-SAT satellites, and the company takes pride in having contributed critical fabricated equipment to India's first Moon mission, Chandrayaan-1, and to the Mars Orbiter Mission, Mangalyaan. WIL holds recognized expertise in handling aerospace-grade materials including 15CDV6 alloy steel, high-strength maraging steel, titanium alloys and aluminium alloys, and has established process parameters for metal forming, metal joining, heat treatment, fabrication, precision machining and pressure testing of very large, complex-geometry rocket motor cases. Its current fabrication capacity supports hardware deliveries for up to 12 PSLV flights and 4 GSLV Mk III flights per year, underpinned by state-of-the-art manufacturing infrastructure and quality systems built to meet ISRO's stri

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SERVICES

Services

Compliance to Various Codes (Fabrication) WIL offers fabrication of components that comply with a wide range of international and customer-specific codes of conformance.	Design & Engineering Walchandnagar Industries Ltd. offers in-house design and engineering services, leveraging a variety of design software to meet customer specifications.
Non-Destructive Examination (NDE) WIL offers extensive Non-Destructive Examination services including Ultra-sonic, Radiography, Leak detection, and Pressure Testing with strain measurements.	Project Execution WIL offers project execution services with a dedicated in-house team of qualified engineers skilled in modern project management tools.
Welding Procedure Qualification & Inspection WIL offers welding procedures and welders qualified under various third-party inspection surveillances.	

Product catalogue



WALCHANDNAGAR INDUSTRIES

PS0M-XL Strap-on Booster Motor Cases (PSLV / GSLV Mk II)

Solid-propellant strap-on booster motor casings manufactured for ISRO's PSLV and GSLV Mk II launch vehicles.

Application	Strap-on booster motor casing, PSLV / GSLV Mk II
Units delivered to date	141
Programme heritage	ASLV (1980s) → PSLV (from 1987) → GSLV Mk II
Materials	15CDV6 alloy steel, high-strength maraging steel
Manufacturing processes	Metal forming, metal joining, heat treatment, fabrication, precision machining, pressure t
Production capacity	Hardware for up to 12 PSLV flights per year
Customer	Indian Space Research Organisation (ISRO)

price on request



WALCHANDNAGAR INDUSTRIES

Rocket Motor Hardware — Nozzles, Tankages & End Rings

Precision-machined nozzles, propellant tankages and end rings supplied for ISRO's PSLV and GSLV launch vehicle motor stages.

Product types	Nozzles, propellant tankages, end rings
Application	SLV-3, ASLV, PSLV, GSLV Mk II and Mk III motor stages
Materials	15CDV6 alloy steel, high-strength maraging steel, titanium alloys, aluminium alloys
Manufacturing processes	Metal forming, metal joining, heat treatment, fabrication, precision machining, pressure t
Programme heritage	ISRO association since 1973 (SLV-3 motor cases)
Customer	Indian Space Research Organisation (ISRO)

price on request



WALCHANDNAGAR INDUSTRIES

S139 Core Booster Motor Segments (PSLV / GSLV Mk II)

First-stage core booster motor casing segments (S139) manufactured for ISRO's PSLV and GSLV Mk II first stage.

Application	Core (first-stage) booster motor casing segment, PSLV / GSLV Mk II
ISRO designation	S139
Units delivered to date	134
Programme heritage	Manufacturing commenced 1985; first segment delivered 1987
Materials	15CDV6 alloy steel, high-strength maraging steel
Manufacturing processes	Metal forming, metal joining, heat treatment, fabrication, precision machining, pressure t
Delivery cadence (2019-20/2020-21 forecast)	~1 S139 end-segment set per month (per ISRO/VSSC correspondence)

price on request



WALCHANDNAGAR INDUSTRIES

S200 Solid Rocket Booster Segments (GSLV Mk III)

Large-diameter S200 strap-on solid rocket booster segments and nozzle end segments manufactured for ISRO's GSLV Mk III.

Application	Strap-on solid rocket booster segment / Nozzle End Segment (NES), GSLV Mk III (LVM3)
ISRO designation	S200
Units delivered to date	16
Programme heritage	First segment handed over 2006; S200 hardware in GSLV Mk III from 2014
Materials	15CDV6 alloy steel, high-strength maraging steel, titanium alloys, aluminium alloys
Manufacturing processes	Metal forming, metal joining, heat treatment, fabrication, precision machining, pressure t
Delivery cadence (per ISRO/VSSC request, 2018)	~4 sets of S200 hardware per year

price on request

Contact Walchandnagar Industries

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://walchand.com>

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