



COMPANY PROFILE

Mechanical & Mechatronics Engineering Solutions

Reverse Engineering · Product Development · CNC Machining & Fabrication

ISO 9001:2015 CERTIFIED

Plot No. 13, Ground Floor, Sethi Enclave, Mohan Garden, Uttam Nagar, New Delhi – 110059

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WHO WE ARE

About MEDS India

MEDS INDIA is a research-driven mechanical and mechatronics engineering company passionate about delivering innovative engineering solutions that transform ideas into reality. Our team of experienced engineers specialises in reverse engineering, prototyping, manufacturing, and new product design and development — taking products from initial sketches all the way to mass production.

We combine engineering expertise, innovation and practical manufacturing knowledge to develop reliable, cost-effective, production-ready solutions, helping businesses stay ahead through technology, innovation and continuous improvement — professional, simple, and built on high relationship.

3 Core Divisions	400+ Sq. Yd. Facility	3 Strategic Partners	ISO 9001:2015 Certified
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Our Promise

“MEDS India is committed to providing cutting-edge engineering solutions that drive progress and efficiency. We strive to build lasting partnerships with our clients, understanding their unique challenges and delivering customised answers.”

What We Bring to Every Engagement

01 Reverse Engineering

We unravel the complexities of existing products, identifying areas for improvement and optimising performance to give you a competitive edge.

02 New Product Designing

Our engineers craft novel solutions tailored to meet specific needs and industry demands, from first sketch to production-ready CAD.

03 Product Development

We bring designs to life, ensuring seamless transitions from concept to production — prototyping, fabrication, assembly and job work.

04 Precision Manufacturing

Precision cutting and machining, custom tooling and design, CNC milling, turning and grinding job work under one roof.

05 Import & Trading

Importer & trading business for cutting tools — applications for metal cutting, circular saw blades, drills, taps, endmills and more.

FACILITY

Machines & Equipment

A fully equipped 400 Sq. Yd. machine shop in New Delhi, covering CNC milling, turning, grinding, fabrication and welding under one roof.

Machine	Capacity / Spec	Process
VMC	700 × 400 × 400 mm	Milling
VMC	800 × 500 × 500 mm	Milling
Lathe	Ø200 mm × 4 ft	Turning
Lathe	Ø100 mm × 6 ft	Turning
Surface Grinder	Table 200 × 450 mm	Grinding
Vertical Milling Machine	1200 × 250 mm	Milling
Cutting Saw	—	Metal cutting
Tool Grinder	Bench-mounted	Tool sharpening
Drilling Machine	Pillar type	Drilling
Hand Grinder	Power & pneumatic	Finishing / deburring
Arc Welding	—	Fabrication welding

Prototyping is supported by a Stratasys 3D printer for functional, production-representative parts.



Materials We Work With

DRAFT — CONFIRM: No confirmed materials list exists on the current website or in supplied documents. The list below is drafted from machine capability (VMC/lathe/grinding job work) and the materials named in completed projects (SS body/frame, SS 304, MS, HDPE). Please review, correct and confirm before this goes into any published profile.

Metals	Plastics / Other
Mild Steel (MS)	HDPE
Stainless Steel — SS 304 (and other grades, TBC)	Engineering plastics (grade/type TBC)
Aluminium (TBC)	
Structural / carbon steel (fabrication grade)	

To confirm: full grade list (e.g. specific EN-series / IS grades), brass, copper, tool steel if used, and any material MEDS India does not machine.

Quality & Inspection

DRAFT — CONFIRM: No inspection equipment list or documented QC process is published on the current site. The items below are a typical baseline for a job-shop of this type (VMC/lathe/grinding, ISO 9001:2015 scope) — please confirm which of these MEDS India actually has on hand, and add/remove as needed, before publishing.

Typical Inspection Equipment (to confirm)

- Vernier Caliper
- Micrometer (outside / inside, as applicable)
- Height Gauge
- Bore Gauge
- Dial / Digital Indicator
- Surface Plate
- Thread Gauges (as applicable to job work)

Typical QC Process (to confirm)

- Incoming material / raw stock verification
- First-article / setup inspection before a production run
- In-process dimensional checks during machining
- Final inspection against drawing / customer specification before dispatch
- Non-conformance handling and rework, where required

Featured Projects

Case Study · Airport Ground Support

Airport Ground Support Equipment

Challenge: Airport ground operations needed mobile staircase units — heavy-duty equipment built to withstand continuous outdoor, tarmac-side use.

Solution: MEDS India carried the equipment from structural design through to finished, mobile units entirely in-house — structural steel frame, fabrication, welding and assembly.

Scope: Structural frame design, heavy fabrication & welding, assembly, mobility fittings.

Materials: Structural steel, welded fabrication.

Case Study · Water Infrastructure

Water Vending Machine — MEDES WVM-Alfa

Challenge: Design a fully self-contained, public-facing water vending machine — IRCTC-approved for rail/public deployment, with electrical controls safely isolated from the water system.

Solution: MEDS India engineered the MEDES WVM-Alfa end-to-end — total body & frame in SS, complete multi-stage purification and RO+UV treatment train, remote-controlled dispensing and online data generation, with a dedicated isolated electrical panel room.

Materials: Stainless steel body & frame, SS 304 chiller tank, HDPE storage tanks.

Case Study · New Product Design

Smart Remote Key — Engineered from Scratch

Brief: A ground-up reverse-engineering & product design brief: a stylish, waterproof RF remote key with no exposed metal parts, an easy coin-operated battery hatch and a soft-touch matte finish.

Delivered: Taken from concept sketch through a working prototype printed on a Stratasys 3D printer.

Tags: RF-Based Design, Waterproof Housing, Plastic Interlocking, Stratasys Prototyping.

Industries We Serve

Aviation & Airport Equipment	Automotive
Water & Filtration	Industrial Machinery
Manufacturing	Engineering OEMs
Infrastructure	Custom Product Development

Divisions

- Reverse Engineering & Product Design
- CNC Machining, Turning & Fabrication (job work)
- Universal Pre-Filters — domestic & industrial water purifiers
- Cutting Tools & Industrial Lubricants — import & trading

Certifications

Certificate	Details
ISO 9001:2015 (Quality Management System)	Certificate No. 23EQKR60. Issued by Magnitude Management Services Pvt. Ltd. (EGAC / IAF accredited). Initial registration 18/04/2023. Valid until 17/04/2026. Scope: Manufacturer of precision automotive (plastic & metal) parts, domestic and industrial RO purification system.
Trademark	Trade Mark No. 5440507, Class 9. Registered to Sanjeet Kumar (Proprietorship). Applied 09/05/2022, registration certified 06/12/2024 — Trade Marks Registry, Mumbai. Registration valid 10 years from application date, renewable.
IEC (Importer-Exporter Code)	IEC BTEPK2281D. Issued by DGFT, Central Licensing Area, Delhi. Issue date 26/08/2024. Firm type: Proprietorship.
GST	GSTIN 07BTEPK2281D1ZY.
MSME / Udyam	NOT YET CONFIRMED — no certificate or registration number supplied. Please send the certificate or number to include this.

Full certificate images are available in the Certificates section of the website.

Our Partners

Industrial Lubricants

Pandhare TechPro Solutions

Ten years specialising in smart industrial lubricant solutions: water-soluble & neat cutting oils, hydraulic & lubrication oil, cleaners, and rust preventive oils.

ptslubricants.com

Cutting Tool Solutions

Carbotec India Pvt. Ltd.

Formed in 2011. A comprehensive line of Carbide, Ceramic, CBN/PCD inserts and CNC tooling systems from various OEMs, at accessible pricing.

carbotecindia.com

Automotive Connectors

CINT Electronic Co., Ltd.

A professional manufacturer of automotive ECU / PCM, ECU connectors, PCB connectors and ECU enclosures, supplying OEM products to well-known companies worldwide.

cintconnectivity.com

Clients

Modern India Engineers · Delhi International Airport (GMR) · Fly91 · MAR RO Water Treatment · H1 Water Treatment · Ansai Tooling Systems · and others.

LET'S BUILD SOMETHING TOGETHER

Get in Touch

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