



FORTECH

CONSTRUCTION MACHINERIES & EQUIPMENTS

...Forward Technology

Precision Machining • Custom SPMs • Laser Services • Turnkey Fabrication — Since 2014

ISO 9001:2015
Certified

11+ Years
Since 2014

25+ Clients
MNCs & SMEs

10,000+
Parts/Year

ABOUT US

FORTECH Construction Machineries & Equipments is a precision manufacturing company established in 2014, based in Pune, India. We specialize in CNC machining, fabrication, advanced laser processing, and high-volume parts manufacturing to custom drawings. Our services span the full manufacturing spectrum — from design and development through batch and mass production.

Our core capabilities include precision machining of castings, forgings, and solid bar stock with tolerances up to ± 0.01 mm. We manufacture Special Purpose Machines (SPMs), jigs & fixtures, pressure vessels, and construction equipment. With over a decade of experience serving global MNCs across automotive, pharmaceutical, food processing, and construction sectors — we deliver world-class quality at competitive Indian pricing.

COMPANY OVERVIEW

Company Name	FORTECH Construction Machineries & Equipments
Year of Establishment	2014 (11+ years in operation)
GSTIN	27AFIPY8352E1ZY
Udyam Registration	UDYAM-MH-26-0140501942
Certification	ISO 9001:2015 – Machining, Fabrication, Material Trading

SERVICES & CAPABILITIES

Manufacturing Services

- CNC Turning & VMC Machining (± 0.01 mm)
- Machining of Castings & Forgings
- Jig & Fixture Design / Manufacturing
- SPM Building & Heavy Fabrication
- CO₂, TIG, MIG and Arc Welding
- CNC Wire Cutting & EDM
- Laser Welding, Cutting & Engraving

Material Expertise

- Stainless Steel (SS303, SS304, SS316)
- Aluminium Alloys (6061, 7075)
- Alloy Steel & Mild Steel
- Brass (LG2) & Copper
- NAB (Nickel Aluminium Bronze)
- Inconel & High-Temp Alloys
- Custom alloys per specification

INDUSTRIES SERVED



Automobile



Pharmaceuticals



Food Processing



Construction

WHY CHOOSE FORTECH



Precision Tolerances

Up to ± 0.01 mm accuracy



100% On-Time Delivery

Proven track record of reliability



European Quality

Cost-competitive, world-class standards



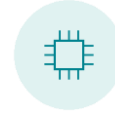
End-to-End Service

Design → Prototype → Production



Global Client Base

25+ clients across multiple countries



Technology Investment

Continuous upgrades to latest CNC tech

ADVANCED LASER SERVICES

FORTECH operates state-of-the-art fiber laser systems for cutting, welding, and engraving — delivering precision, repeatability, and clean finishes that traditional methods cannot match. Our laser capabilities enable complex geometries, high-strength joints, and permanent traceability marking for the most demanding industrial applications.



LASER CUTTING

Precision Sheet Metal Cutting

- Clean edges, no burrs
- Complex 2D geometries
- Material: 0.5–20 mm
- Tight tolerances ± 0.1 mm
- SS, MS, Aluminium, Copper



LASER WELDING

High-Strength Precision Welds

- Minimal heat distortion
- Deep penetration welds
- Hermetic seals possible
- Dissimilar metal joining
- Cosmetic-grade finish



LASER ENGRAVING

Permanent Industrial Marking

- Serial numbers & QR codes
- Logos, part numbers
- Traceability compliance
- Indelible, anti-tamper
- Metal, plastic, ceramic

CLIENT TESTIMONIALS

“

We sincerely appreciate FORTECH's exceptional service and support, which played a vital role in helping us achieve a green rating in our audit. Their commitment and collaboration made a significant difference, and we truly value our partnership.

Sanjay Jaiswal

Plant Manager, Oerlikon Balzers (Surface Solutions)

“

We appreciate FORTECH's precision machining capabilities and disciplined execution. Their ability to consistently maintain tight tolerances and meet demanding delivery schedules has supported our production targets without compromise. The team's responsiveness and technical clarity make them a dependable manufacturing partner.

Amir Shaikh

Assistant Manager – Dana India

“

FORTECH has been instrumental in delivering precision valve components with excellent dimensional accuracy and finish. Their expertise in stainless steel machining and fabrication, along with dependable lead times, has added real value to our operations. We look forward to continued collaboration.

Vishal Bhondave

Plant Manager, MESON Valves India

OUR CLIENTS — TRUSTED PARTNERSHIPS

Trusted by industry leaders across automotive, pharmaceutical, food processing, energy, and construction sectors:



Oerlikon Balzers	Global leader in PVD/PACVD thin-film coatings
SPX FLOW Technology	US-based global industrial processing company
NORMA Group	German multinational – joining & fluid-handling solutions
OSG Corporation	Japan – world's largest precision cutting tools manufacturer
Dana Incorporated	US-based global drivetrain & sealing technologies
Glatt Group	German pioneer in fluidized bed technology for pharma
Sanden Vikas (India)	Indo-Japanese JV – automotive thermal systems
Mahindra CIE Automotive	Indian multinational automotive components
Eaton Corporation	US-based diversified power management company
Baumer Group	Swiss global leader in sensor solutions & automation
Rieco Industries	Indian leader in bulk material handling systems
Spirotech Heat Exchangers	Custom heat exchangers & pressure vessels for HVAC
Mojj Engineering Systems	Evaporators, dryers, crystallizers for dairy/chemical
Water Resources Dept. (Maha. Govt.)	State government infrastructure projects
MESON Valves India	Industrial gate, globe, check & ball valves
General Energy Management Systems	Equipment & solutions for oil, gas, power sector
Knitcon Solutions	Pneumatic conveying & dust collection systems
Dynapac Road Construction Equipments	Leading brand of road rollers
Reliable Autotech Pvt. Ltd.	Sheet metal engineering and manufacturing
Procetech Automation	PLC, SCADA, robotics & control solutions
Quest Flow Controls	Flow control valves & instrumentation
Petromech Engineers Pvt. Ltd.	Mechanical valve interlock manufacturer
Mega Rubber Technologies	Custom rubber seals, gaskets & molded parts

SAMPLE PRODUCTS & CAPABILITIES

PRECISION MACHINED COMPONENTS



Precision Components – SS316, $\pm 0.01\text{mm}$ tolerance



Cylindrical Parts – CNC turned couplings



SS304 Couplings – Mirror-polished for pharma



Aluminium Dolly for Seal Fitting



Machined Flange – Threaded bore, 4-bolt



Knurled Coupling – Diamond knurl grip



Knurled Sleeve – Internal threading, SS303



Steel Bushing – Hardened, self-lubricating



Precision Dowel Pins – h7 tolerance



Special Fasteners – Custom profiles

CASTINGS & HANDWHEELS



Cast Iron Handwheels – Sand cast & machined



Painted Handwheels – Powder coated finish

FITTINGS & COPPER COMPONENTS



Copper Elbow – Brazed for HVAC



SS Threaded Flange – Pressure tested

ROTORS & IMPELLER ASSEMBLIES



Pulverizer Rotor – Precision-ground for fine grinding



Pulverizer Rotor (MS) – Hard-faced for abrasion resistance



Industrial Rotor – Heavy-duty mixing



Gear Shaft Assemblies – Helical, hardened

INDUSTRIAL VESSELS & EQUIPMENT



Heat Exchanger – Custom fabricated (400mm to 6 Mtr)



Spherical Reactor – SS316 pharma grade



Reactor Assembly – With lifting frame



SS Pressure Vessel – ASME compliant



Valve Assembly – SS316 internals



Pneumatic Actuator – Butterfly valve

JIGS, FIXTURES & ASSEMBLIES



Toggle Clamp Fixture – Quick-release



Custom Fixture Plate – Multi-part clamping



Conveyor Roller Assembly – Bearing-mounted



Transformer Hylem Frame – Insulated for electrical stability

SPECIAL PURPOSE MACHINES



SPM Casting Cutting – Auto feed, guarded (Customer: Mahindra)



Belt Grinding SPM – Surface finishing (Customer: Mahindra)

TURNTABLES & PARKING SYSTEMS



Car Display Turntable – 360°, 3000 kg



Showroom Turntable – Silent, flush floor



Car Parking Stacker – 2200 kg, 35-45 sec

CONTACT US

Billing Address	Gat No. 710, Kudalwadi, Chikhali, Pune – 412114, Maharashtra, India
Factory Address	Plot No. 157, Sector 10, PCNTDA Bhosari, Pune – 411026, Maharashtra, India
Mobile	+91 9665522199
Email	sales@fortechmachines.com yuvraj@fortechmachines.com
Website	www.fortechmachines.com
GSTIN	27AFIPY8352E1ZY
Udyam Reg.	UDYAM-MH-26-0140501942

We look forward to partnering with you. Let's discuss your requirements today!