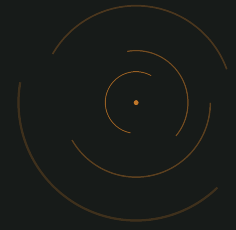


STIMITA MOTION CONTROL

PRECISION MOTION SYSTEMS FOR DEFENCE · PUNE, INDIA

Senior Mechanical Design Engineer

ACTUATORS, GEARBOXES & POSITIONING SYSTEMS

**LOCATION****Pune, Maharashtra — On-site****REPORTS TO****Principal R&D & Design Engineer (Head of Mechanical Engineering)****EXPERIENCE****6+ years****EMPLOYMENT TYPE****Full-time, permanent**

ABOUT STIMITA

Stimita designs and manufactures custom actuators, servo drives, motion controllers, encoders, gearboxes, slip rings and hand-grip systems for defence and industrial platforms — from gimbals and remote control weapon system to unmanned ground vehicles. We're a small, engineering-led team building precision hardware end-to-end, from prototype to production, for customers including DRDO, BARC, HAL, BEL, and Bharat Forge.

ABOUT THE ROLE

We're hiring a Senior Mechanical Design Engineer to own mechanical design end-to-end for our actuator, gearbox, and positioning-system product lines — from concept through a design that's actually manufacturable on our shop floor, not just a working prototype. This is a hands-on role: you'll do the design work yourself and work directly with production to resolve manufacturability issues before they become delivery problems. You'll report to our Principal R&D & Design Engineer, who heads the Mechanical Engineering department and signs off on every design before it moves to production.

KEY RESPONSIBILITIES

Mechanical Design & Development

- Own mechanical design for actuators, gearboxes, dual-axis positioners, and gimbals — from concept through detailed design.
- Lead prototyping, testing, and design validation for new and existing products.
- Make and defend design trade-off decisions — material selection, tolerancing, load/stress considerations — appropriate to defence and precision-engineering standards.

Design for Manufacturability

- Work directly with the shop floor to ensure designs translate cleanly into manufacturable, repeatable production — not just working prototypes.
- Resolve manufacturability issues and design-related production bottlenecks before they hit delivery timelines.

- Own design documentation (drawings, BOMs, tolerances) to a standard production can actually build from without constant clarification.

Technical Leadership

- Serve as the senior technical voice on mechanical design decisions, given 6+ years of experience.
- Coordinate with electronics/controls engineering on integrated systems (servo drives, motion controllers) where mechanical and electronic design intersect.
- Mentor junior engineers or drafters as the team grows.

Client & Program Support

- Support technical scoping for client proposals and tenders where mechanical design details matter to a bid.
- Contribute technical input to program delivery timelines and design-related risk assessment.

WHAT WE'RE LOOKING FOR

- 6+ years of mechanical design experience, ideally in precision engineering, defence, aerospace, or industrial actuation/motion systems.
- Strong CAD proficiency (SolidWorks or equivalent) and hands-on experience taking designs from concept through production.
- Real design-for-manufacturability experience — not just design in isolation, but design that has actually shipped at volume.
- Comfortable owning design decisions independently; this is a senior, not entry-level, technical voice in the company.
- Experience with actuators, gearboxes, or positioning/gimbal systems specifically is a strong plus.
- Working knowledge of relevant material, tolerancing, and defence/precision-engineering standards.

WHAT WE OFFER

- Real responsibility for mechanical design across Stimita's core product lines, not a narrow execution role..
- A front-row seat in a growing defence-engineering company building hardware that ships to DRDO, BARC, HAL, BEL, and Bharat Forge.
- Competitive compensation, commensurate with experience.

HOW TO APPLY

Send your resume and a portfolio or work samples to career@stimitamc.com with the subject line “Senior Mechanical Design Engineer — Pune.”