



Customer Success Story

Turning Heavy Work into Smart Moves

OVERVIEW:

A Pune-based automotive OEM modernized its material handling with eepos aluminium crane systems, replacing outdated steel cranes. The upgrade improved efficiency, reduced worker fatigue, enhanced safety, and delivered a fast return on investment setting new benchmarks in manufacturing agility.

ABOUT THE CLIENT

- Premier automotive OEM in Pune, India.
- Produces passenger and commercial vehicles; annual capacity: 250,000+
- Focuses on quality, efficiency, human-centric design, and innovation

CUSTOMER REQUIREMENTS

- Flexible lightweight crane system adaptable to multiple vehicle models.
- Safer, ergonomic operations to reduce fatigue and incidents.
- Faster cycle times and reduced manpower dependency.

KEY CHALLENGES

- Rigid heavy steel cranes with costly reconfiguration.
- High safety risks (45% above industry standards) and worker fatigue.
- Slow 9-minute cycles, multiple operators needed, and 3-4 day changeovers.



OUR SOLUTION

- Installed lightweight aluminium cranes with modular flexibility.
- Ergonomic stations with single-girder and jib cranes for safer handling.
- Smooth, low-resistance material flow with operator training.

CUSTOMER BENEFITS:

- **28% faster cycle time (9 → 6.5 minutes) and 35% higher efficiency.**
- **Lower manpower needs (1-2 operators vs. 2-3) with reduced fatigue/injuries.**
- **Faster agility (changeovers in (1-2 days) and ROI in just 14 months.**

