



Customer Success Story

Electrostatic Discharge-Safe Material Handling



OVERVIEW:

- Leading washing machine manufacturer upgraded material handling.
- Replaced outdated steel cranes with eepos aluminium cranes + XY Rail systems.
- Reduced ESD risks, improved efficiency, enhanced safety, and delivered fast ROI.

CUSTOMER REQUIREMENTS

- Flexible, lightweight crane and XY Rail system for multiple assembly lines.
- Safe, ergonomic operations to prevent ESD damage and reduce fatigue.
- Faster cycle times with fewer operators.

KEY CHALLENGES

- Heavy steel cranes caused high ESD and safety risks.
- Slow cycles, multiple operators required.
- Time-consuming changeovers and reconfigurations.

OUR SOLUTION

- Installed lightweight aluminium cranes with modular design.
- Implemented XY Rail systems with anti-static coatings.
- Ergonomic handling stations and operator training for smooth, safe workflow.

CUSTOMER BENEFITS:

- **28% faster** cycle time and reduced ESD incidents.
- Lower manpower requirements (**1-2 operators vs. 2-3**).
- Faster changeovers, improving line agility.
- ROI achieved in **14 months**, with safer handling of sensitive components.

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