

CASE STUDY

How a Tier 1 Supplier Optimized Internal Logistics and Eliminated Line Downtime (-33% HC, 0% downtime)



1. Company background:

- International Tier 1 automotive supplier (~1,000 employees)
- Inefficient internal logistics across multiple buildings
- Material handling slowed production and silently burned money

2. Initial challenges:

- Chaotic material supply and removal process
- Material handlers walked up to 15 km per shift → low productivity, high fatigue
- Production line stoppages caused by waiting for material
- Overfilled boxes and uncontrolled material flow

3. Implemented solutions:

- From pushing people harder - system
- Time studies and workload analysis of material handlers
- Redesign of routes and new material pickup/delivery points
- Workload balancing between material handlers
- Introduction of two new electric lifts for faster and more efficient handling
- Standardization of internal logistics processes

4. Results achieved:

- Annual savings of 80 k EUR (33% reduction in internal logistics headcount)
- 0% line downtime caused by late material delivery
- Faster material flow and fewer overfilled boxes
- Improved ergonomics and stability of internal logistics

The project transformed internal logistics from a bottleneck into a reliable partner for production.



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