

CASE STUDIES

Automated Logistics Warehousing

Industry: Logistics

Duration: 1 Week

Value: \$100,000

The Situation

A warehousing and logistics client required full end-to-end delivery of a 48V motorised pallet conveyor system covering mechanical installation, electrical integration, commissioning, and project management, all within a strictly defined shutdown window. Conventional gravity-fed roller systems could not handle the light pallet application, making a purpose-built motorised solution the only viable option.

LES was engaged as the single contractor responsible for the entire scope: mechanical installation, electrical integration, commissioning, on-site project management, and direct client liaison. There was no split scope between trades, no handoffs, and no gaps in accountability.

What We Delivered

- Took full ownership of all on-site works including mechanical installation, electrical integration, project management, and direct client liaison as the single point of accountability
- Designed, constructed, and factory-tested a custom control panel prior to mobilisation, fully compliant with AS/NZS 3000 and AS 4024
- Mobilised to site on a public holiday to meet the shutdown deadline without compromise
- Adapted in real time when the site layout differed from the agreed CAD design, redesigning cable containment and emergency stop routing on site, obtaining end-user approval, and proceeding without programme impact
- Installed a full-length emergency stop pull-rope lanyard with EDM-monitored safety relay integration
- Programmed and commissioned all Interroll Multi Control Cards using ZPA software, completing full functional testing and formal handover

The Result

A fully compliant, operational pallet conveyor system delivered within a one-week shutdown window, on time and to specification. LES demonstrated what a capable, single-contractor approach looks like in practice: adapting to real-world site conditions, absorbing scope that others would hand off, and getting the job done without excuses. The client received a safe, commissioned system ready for immediate use, and the confidence that comes from working with a contractor that shows up, solves problems, and delivers.



End-to-End Accountability



Shutdown-Window Delivery



**Factory-Tested
Before Mobilisation**

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