

## Case Study – Conveyor Systems

### ➤ Step 1

Initial communication with the client proved challenging. A considerable amount of time was spent on preparation, consultations, and waiting for permits. Amazon's strict entry and exit rules also slowed us down because access to the site required authorized personnel at all times and, when shutting down the conveyor systems, we had to comply with safety procedures.

### ➤ Step 2

During the planning phase, we assessed the time requirements for the work, reviewed the plans, and created a project schedule. As EU-TECH was collaborating with a company that specializes in conveyor belts, their specific needs and capabilities had to be considered. The core of the project involved replacing and upgrading parts of the conveyor system, including curves and the construction of two stairways (catwalks) above the belts.

### ➤ Step 3

Work progressed according to schedule. After unloading the new belts, they would be installed once the old conveyors had been dismantled. A critical aspect was ensuring that, at the end of each workday, we reactivated part of the conveyor system to allow Amazon's operations to continue. There would be a safety check of all emergency shut-off switches to see if they were working correctly before we moved on to the next section. We also encountered technical challenges, particularly with the conveyor curve and catwalks.

### ➤ Step 4

After dismantling all control panels, we reconnected select units to the new system, while removing or replacing others with new ones. Before finalization, we completed the cabling and performed all required tests. The tests were successful, confirming the proper functionality and direction of each conveyor section. The new conveyor systems were delivered on schedule, where Amazon's satisfaction was EU-TECH's top priority.