



Case Study



MODPACKGROUP

INTELLIGENT INDUSTRIAL RELOCATION
PACKING AND EXPORT SERVICES

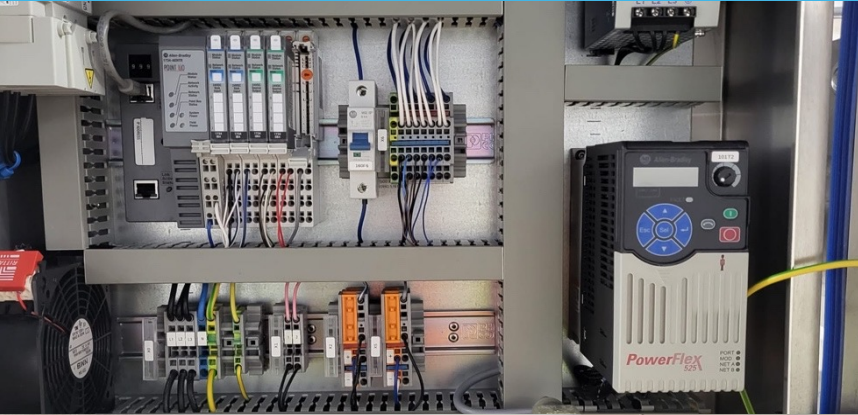
Relocation Project

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Industry

FMCG

Location

Europe

Project Duration

1 Year



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Mission – Relocation of 6 European FMCG production lines in 3 relocation stages.

Project key numbers

Total work hours
17,000 hours

Design hours
600 hours

Human resources involved
28 operators, site coordinators, engineers and designers

Lines relocated
6 lines

Total parts transport
41 trucks

Disciplines involved
Mechanical, electrical, piping, logistics, management



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Stages

Existing lines survey

- Existing equipment measuring in an old factory
- Pipes routes survey and instruments identification
- Modifications need and modification strategy elaboration

New lines design

- 3D modelling of existing equipment (machinery, conveyors, etc.)
- Implantation of the 3D equipment in plant BIM model and layout
- Design of new auxiliary equipment and service equipment
- P&ID elaboration
- Piping and new routes design
- New service networks design

Relocation

- Dismantling
- Cleaning
- Packing
- Transport
- Implantation according to layout
- Utility connection
- Dry test

**Assistance and
commissioning**

**Return of
experience**



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Statement of work

In order to complete the project several key points were considered:

For relocation documentation one of the Modpack Team conducted a survey in an old factory to physically measure the existing FMCG production equipment and to gather info about the technological pipe routes and instruments.



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The collected data was used to transform the measurements in equipment and full line drawings, P&ID schematics, equipment and instrument list, and other engineering documentation needed to fully describe the production line to be relocated.



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Following the engineering documentation and by means of specific methodologies and procedures, the 6 production lines were dismantled, cleaned by a professional team, packed, transported and implanted in the new location.



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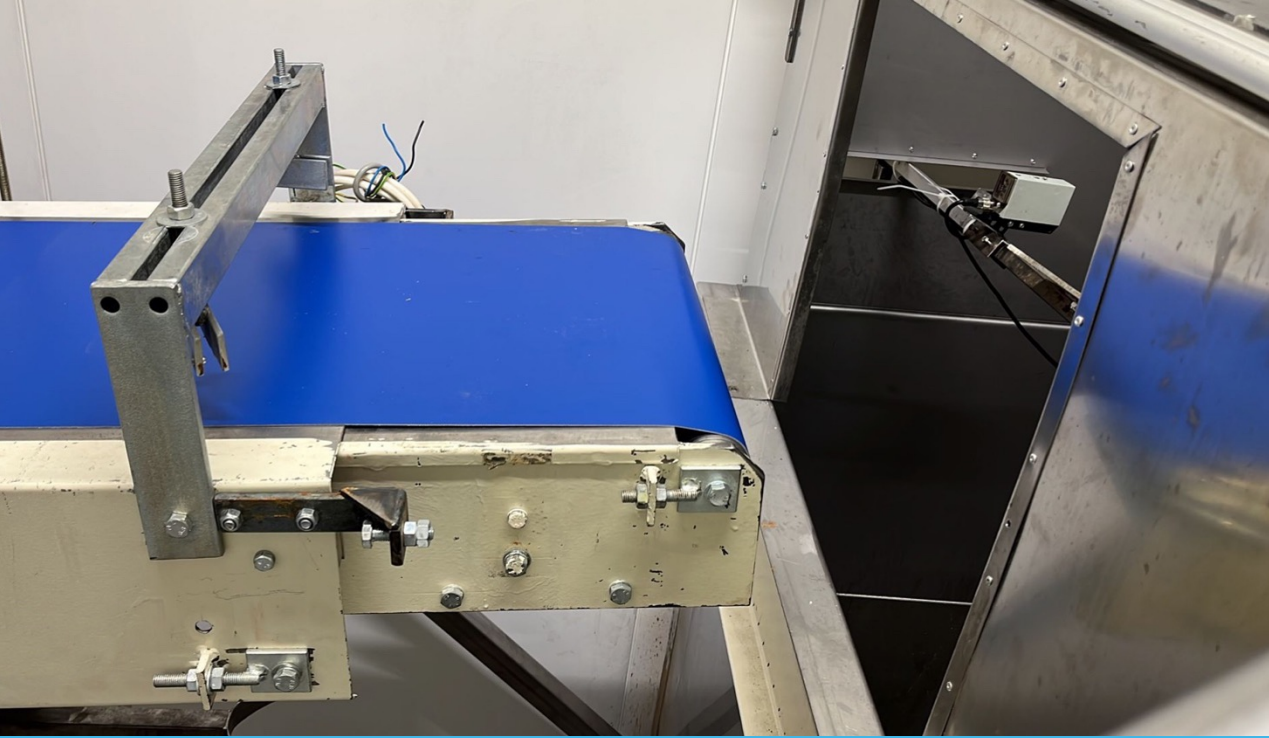
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Equipment position was verified, utility connection was made, and a dry run was performed to ensure that all motors are spinning in the correct direction, all conveyor belts are aligned and wet commissioning premises are assured.

The Modpack team assured commissioning assistance and interventions.



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