

12 – month ROI has been reduced for pharmaceutical company

CLIENT: A \$ 70 million pharmaceutical company specialising in biotech and biopharmaceuticals based on Italy.

BUSINESS DRIVERS

- Major pharmaceutical company specializing in pharmaceutical development, biotech, and biopharmaceuticals.
- Conceptual design of an automated components' unpacking system for feeding them to an assembly line to eliminate human touchpoints and improve hygiene.

OUR SOLUTION

- Examined current state and desired future state - upstream and downstream activities, deriving specifications for the future state automated line.
- Identified off-the-shelf solutions, developed custom designs for realizing the future state and for removal of packing materials from the line.
- Identified and integrated AGVs for component transportation.
- Integrated all the above solutions into a conceptual design.
- Validated conceptual design through trials.
- Provided budgetary estimates for design and manufacturing of conceptual design.

BUSINESS BENEFITS

- Provided a fully automated solution (zero touchpoints) to integrate into the existing floor plan, with the following benefits:
 - ✓ Just-In-Time supply to the assembly line.
 - ✓ Less than a 12-month ROI
 - ✓ Automated handling of packing material for compacting and disposal.

About MNE: We are a full-service team committed to provide solutions for your engineering needs. As innovative thinkers and expert collaborators, we combine our expertise to help your facility evolve to the next generation.

- Our team of experts have worked with large companies in areas like engineering design, engineering process, support, automation, and fabrication.
- Our services have enabled more companies to save significantly in terms of cost reduction, improved time to market, and process optimization.

