

Manufacturer of industrial switching technology improves assembly line efficiency

RESULTS

- Streamlined assembly process
- Reduced operational costs
- Enhanced component handling precision
- Increased production output
- Improved worker safety



APPLICATION

The feeding and handling of delicate electrical components and assemblies as part of a process manufacturing and testing industrial switching technology.

CUSTOMER

The client is a prominent player in the electrical industry, focused on the manufacture of a wide array of electrical components. Their operations are based in an industrial hub known for its advanced manufacturing facilities.

CHALLENGE

The customer was grappling with the complexities of manually feeding small and sensitive electronic parts into the assembly line. This manual process was leading to increased cycle times, a higher rate of component damage, and a bottleneck in production capacity.

SOLUTION

We supplied a tailored automated feeding solution equipped with the latest technology to ensure accurate and gentle placement of electrical components. The system included high-precision feeders, customizable to various part sizes and shapes, integrated seamlessly with the client's existing assembly line machinery, and supported by intuitive control systems for easy management. The project involved implementing a custom automated feeding system designed to optimize the assembly line for electrical components. The solution aimed to address efficiency and precision in handling small, delicate parts.

"The solution was able to cope very well with our small delicate parts"



Handling modules in different sizes.

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