

Increased Efficiency in Machine Assembly

A marked lowering of assembly costs contributes significantly to enhanced business success

satisloh

Meeting individual customer requirements and ensuring short machine delivery times are key success factors for Satisloh GmbH. This calls for product-oriented organisation of the assembly department and order picking suitable for corresponding individual items.

The Client

- Satisloh GmbH, DE-Wetzlar, former Division of Schweiter Technologies
- Leading supplier of integrated concepts for the production of ophthalmic lenses and systems solutions for precision optics
- Net sales: approx. CHF 200 million

The Objective

- To enhance efficiency in machine assembly
- To reduce machine assembly times and thus substantially lower assembly costs
- To increase productivity and boost the share in the market

The Solution

- To set up the assembly department into two organisational units, each having a preassembly and final assembly zone within a clearly structured layout
- Flexible workplaces in preassembly, but with fixed ones in final assembly. All workplaces are highly ergonomic and equipped with the required tooling and fixtures.
- Transport and assembly equipment used end-to-end from the suppliers to the individual workplaces
- Ensure article-based order picking in assembly: machine frames delivered JIT, procurement critical primary components ex-stock, consumables supplied via KANBAN system

The Client Benefits

- Structured and optimal assembly layout with clearly delineated buffer and workspace zones
- Assembly hours for the two main machine models have been reduced by 12 and 15 percent respectively
- Investment of approx. 100'000 euros will be amortised within two years