

## Manufacturing processes & Automation

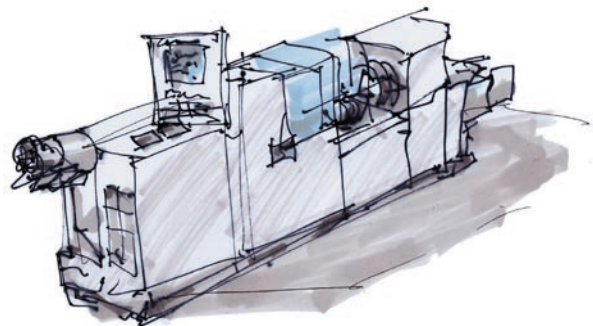
**E**asy, cost effective manufacturing process is the goal for all our design. The necessary degree of automation is often defined by the product features and expected series size. In most cases we make all our designs suitable for full automation, even if the customer would not ask for it.

### Total solution

Always when designing a product, we ensure the functioning of the whole manufacturing process in proportion to the required product quality. E.g., if a certain surface finish of a painted surface is required, we define the suitable material combinations, their processing conditions, handling of pieces from the machine to the painting area, cleanliness of the painting area, painting method etc. We carry out all the steps needed ourselves together with our customer and our network of partners.

### Sourcing for production sites

**W**hen making decisions concerning tooling, the customer also needs to know the machines and the facilities of the production site. The closer the start of production date comes, the greater is the need to get to know also the people behind the hardware. People need to be connected to the project: to receive the tooling and to start preparations for SOP. Ledil can assist you in this field, too. We have partners among production companies.



### Manufacturing competence

**O**ur core competence areas in manufacturing are: injection molding, further processing and joining of plastics parts, assembly automation, coatings, electronics manufacturing, measuring and testing. In these areas we can on our own ensure the functioning of a product design already during the concept design. After finalized design we can assist our customer with these questions to a degree he finds reasonable.

