

CONCURRENT ENGINEERING

Concurrent Engineering

Many people consider concurrent engineering as an academic phrase difficult to follow in reality. We do not agree with it. We want to show our customers that concurrent engineering works well, when we together make a good specification, communicate actively and plan and fit our activities together during the whole project time.

Total solution

We want to offer our customers total solutions. Even if we designed a small detail to an extensive product, we see it important to clarify how our piece fits to the rest of the product and how the making of the piece shall fit to the overall project schedule.

Specification

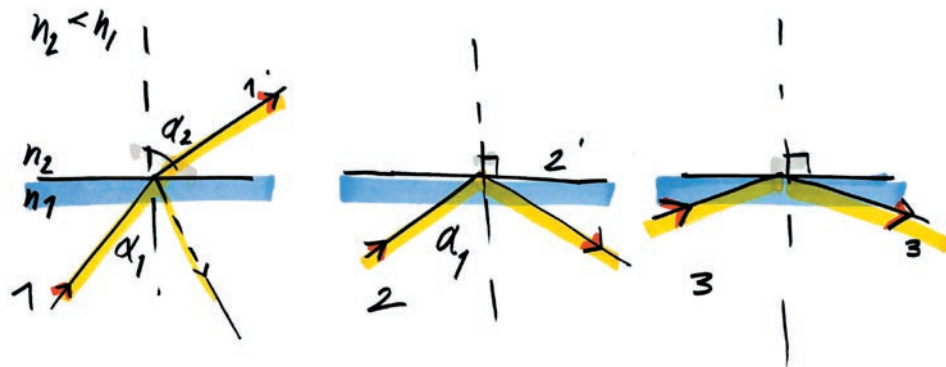
We believe in using a lot of time to make a detailed specification before starting the real project. A good specification is a team work tool assuring that all the people involved understand the customer's needs in the same way. In the specification phase we try to define, e.g., rough system design, materials, light sources, production methods, development costs and product price.



Concept design

Based on the specification, we make a concept design. We discuss and tailor the concept design together with our customer and let them approve of the concept before starting the final design phase. Based on the concept design we can fix most of the specification facts, e.g., the cost structure of the product.





Final design

When the customer has accepted the concept design, we go on with the final design. We connect the people responsible for tooling and production technology to take part in product design. This way of working is rapid and cost-effective, because late expensive modifications are avoided and production costs minimized through on-time involvement of the right experts. With some customers, our contract finishes here and they take care of the next steps. But our aim is to closely take part in the following steps, too, as our total solution principle suggests.

