



CUSTOMISED ENCLOSURE SOLUTIONS BASED ON STANDARD ENCLOSURES

We place a strategic emphasis on providing customised enclosure solutions to answer our customers' needs. As an expert, flexible partner providing fast and reliable deliveries, we have an offering which covers thermoplastic, sheet steel, aluminium and polyester solutions. Special materials are available on request.

Our special strengths:

- We have an experienced in-house design department
- We have an online tool for fast configuration and design
- We are specialists in injection moulded customer specific enclosures
- We have a modular tooling structure, enabling cost efficient mould modifications
- We also manufacture steel enclosures with customer-specific dimensioning in small volumes at competitive prices
- We offer deliveries in special packages
- We use laser cutting that enables freely customised shapes without special tools
- We can source third party components.

CuboLink configuration tool

In pursuit of a leaner order-delivery process for customised enclosures, we also offer our CuboLink tool for our customers' use.

CuboLink is an online configuration, quotation and order management tool that integrates into our ERP system. The customer receives the technical documentation for the enclosure automatically, straight after using the tool to make the configurations in question.

Download the lite version free of charge at <http://cubolite.ensto.com>.

Ensto enclosure solutions	
Customised enclosure solutions based on standard enclosures	Tailor-made enclosure solutions based on customer's product projects (more details overleaf)

Our customising services include:

- Manufacturing metal enclosures to customer-specific dimensions
- Machining such as cutting, drilling and threading according to customer's drawings
- Silk screen printing e.g. company logos, operating instructions and symbols
- Painting the sheet steel enclosures according to the colours on the RAL colour chart
- Manufacturing plastic enclosures from coloured plastic raw material
- Semi-assembling the enclosures with components such as DIN rails, terminals, cable glands, PCB's, connectors and keypads
- Offering an online tool for fast configuration and a short lead-time.



CuboFlex robot cell used for customising thermoplastic enclosures.



The enclosures can be equipped with hinges, cable glands, DIN rails, etc.



Customer-specific cut-outs are prepared prior to the surface treatment and painting, due to which corrosion resistance remains high, even in the cut-out areas.



Company logos, operating instructions and symbols can be silk screen printed on an enclosure.





TAILOR-MADE ENCLOSURE SOLUTIONS BASED ON CUSTOMER'S PRODUCT PROJECTS

We place a strategic emphasis on providing totally tailor-made enclosure solutions meeting our customers' needs. We are a flexible partner with years of experience in customising applications from one industry segment to another. Our solutions are especially targeted at the OEM industry and demanding environments.

Tailor-made enclosure solutions based on the customer's product projects often involve:

- Participation of our in-house design department and the customer's research and development department
- Developing new technical solutions for customer's special needs including, for instance, customer-specific moulding tools
- Manufacturing enclosures according to customers' own measurements.

Our special strengths include:

- Experienced in-house design department
- Good knowledge of various raw materials
- A large selection of high-quality components such as terminals and load break switches, with a global clientele
- Semi-assembly service and, if needed, sourcing of third party components.

We also offer customer-specific total solutions delivered on a turnkey basis.

Picture on the left:
A cable distribution cabinet solution produced on the basis of a customer project aimed at creating cabinets which blend in with Finland's riverside landscape.

Picture on the right:
This snow blower application was made of painted mild steel according to fully customer-specific dimensions.

Ensto enclosure solutions	
Customised enclosure solutions based on standard enclosures (more details overleaf)	Tailor-made enclosure solutions based on customer's product projects

Our service offering includes product development, design and commercialising services. Listed in more detail, our services include e.g.:

- Feasibility studies
- Rapid modelling and prototyping
- 3D modelling and technical documentation
- Injection mould manufacturing and mould maintenance
- Manufacturing of customer-specific special tools
- Sub-assembly testing and certification
- Quality documentation and coordinating audits.



This innovative terminal junction box was developed to meet a partner's needs. The box has no gasket. The high degree of protection class, IP 66, has been achieved through the innovative construction of the cover that has a snap-in fit. No cover screws are needed. Today, the product can be found under the name of Ensto Cubo G as part of our standard enclosure offering.

