



Saves Your Energy

Enclosing solutions for the telecom industry

We are professionals in providing customer-specific enclosing solutions targeted at demanding environments. Our products can be found in a large range of wireless, wireline and enterprise systems, e.g. in different radio base station, core networks and broad band products.

We are a reliable partner with technical expertise and an experienced design department. We have years of experience of a range of applications made for the telecom industry. Deeply familiar with your segment we are able to offer you technical solutions meeting your needs.

Our offering in brief

Our offering covers enclosing solutions made of thermoplastic, polyester, sheet steel and aluminium. Special material is available on request. Our solutions typically have a high degree of protection (IP66/67). We have experience of designing solutions passing wind driven rain and extensive fire tests.

In addition to the enclosing technology we design and manufacture wide range of accessories and electrical terminals used by world-leading OEMs.

Our capabilities

In Estonia, we have modern production facilities with the latest robot technology.

We are experts in injection-moulding. The capacity of our injection-moulding machines ranges from 50 to over 1,000 tn. We use CuboFlex robot cells and CNC units for customising our thermoplastic enclosures.

Fully automatic robotic cells are also used for bending and welding our sheet steel enclosures.

Our strengths include

- Experienced design department
- Innovative personnel with technical expertise
- Years of experience in telecom applications
- Smooth technical documentation and prototyping services
- Sound knowledge of a wide range of materials
- Mechanical integration services
- Production also in low cost countries

Our bending cells provide flexible dimensioning without tool changes. In addition, the laser cutting technology we use enables freely customised shapes and main dimensions without setup times.



Customer-specific enclosing solutions

Customised solutions
based on standard enclosures

Tailor-made solutions
based on customer's product projects

Customising services:

- Manufacturing metal enclosures to customer-specific dimensions
- Machining, such as cutting, drilling and threading
- Printing e.g. company logos, operating instructions and symbols
- Painting the sheet steel enclosures
- Manufacturing plastic enclosures from coloured plastic raw material
- Assembling the enclosures with components such as cable glands, connectors and key-pads
- Sourcing of third party components.

Tailor-making services:

- Design and product development by technical experts
- Feasibility studies
- 3D modelling and technical documentation
- Rapid modelling and prototyping
- Injection mould sourcing and mould maintenance
- Manufacture of customer-specific special tools.

We have made both wireless and wireline (copper and fiber) access solutions for core and enterprise networks.

Our service offering

Our service offering includes the customisation of standard enclosures and the tailor-making of totally new enclosing solutions on the basis of our customers' needs. We also offer assembly services.

We are experts in enclosure product design and development and offer totally tailor-made solutions, including 3D modelling and quick prototyping.

Our standard product range includes thermoplastic, polyester, sheet steel and aluminium enclosures.

Our thermoplastic enclosures have a modular tooling structure enabling cost efficient mould modifications of any side of the enclosure. Steel enclosures, in turn, are available with customer-specific dimensioning at competitive prices.

Knowledge of wide range of materials

We have sound knowledge of a wide range of materials.

Material selections are always made together with our customers to optimize the manufacturability and technical performance.

We also work closely with standardizing and testing bodies, with certifying products according to customer needs.

Read more about our solutions at www.ensto.com.



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