

**HUBER &
RANNER**

EXPECT MORE.

GENERATION X-CASE



IT ALL STARTS WITH AN IDEA!

Our latest innovation



A clear thing in form & function

We have extended our progress, innovation, and performance. Driven by our commitment to our customers. In times like these, our engineers were faced with the challenge to outgrow themselves. Now we have improved not only our service offering but our products as well. To your advantage. Because good is just not good enough for us.

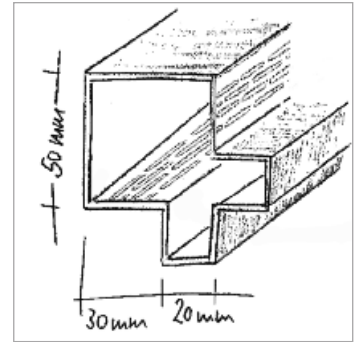
The concept of X-Case is not that spectacular but all the more effective in its efficiency. These benefits, combined with the extraordinary cleanness of our equipment, make Huber & Ranner so special. Expect more!

INTELLIGENT

Thought out simply – realised consistently

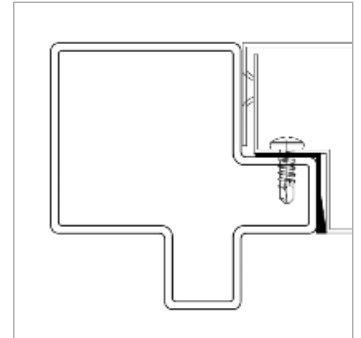
The idea

Stronger walls and more intelligent profiles create more solidity and tightness.



The concept

Join the casing components more effectively using exterior screwed panel connections. No screw connections in the air stream – a sure way to hygiene!



Realisation

The section, implemented simplicity. A clear thing in form and function.



X-CASE BENEFITS

Expect more – X-Case



Hygiene

Uncompromisingly hygienic equipment design has highest priority for us. This newly developed design, above all for the benefit of better hygiene, comes with smooth surfaces and without harmful recesses. An ideal solution for any concrete, individual case.



Flexibility

The innovative method of assembly facilitates disassembly in an optimal way. This ensures disassembled delivery with minimum effort, if necessary. This brings advantages both for your time management and for planning for your custom requirements. Our products adapt to the prevalent basic conditions and circumstances, not the other way round.



Highest equipment tightness

Absolutely smooth surfaces and a minimised seams count reveal superior treatment. Newly developed seals and intelligent screw joints enable to achieve an assuredly permanent, considerable reduction of air resistance, for instance.

A CLEAR THING

Form & function

Solidity

The design's stability effected by a profile frame causes an intelligent result. The design's stability and superior workmanship are the secret of the high performance potential of the X-Case.



Efficiency

To attain the highest possible efficiency of our equipment is of top priority for us. For this reason, X-Case first of all excels through a well thought-out and flexible design concept and clear workmanship. Newly developed seals ensure excellent thermal properties and improve the efficiency.



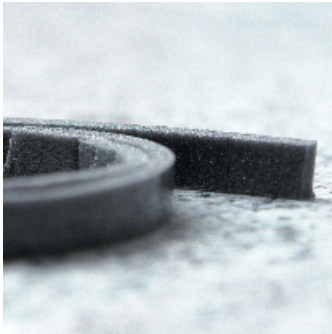
Easy to maintain

Due to the X-Case's innovative concept of assembly or its faster disassembling capability, its installation as well as its operation and maintenance requires less time, enabling you to focus on your business entirely once again.



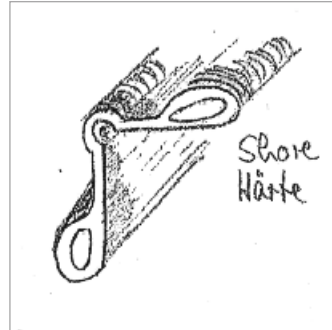
X-CASE PRODUCT DESCRIPTION

The details

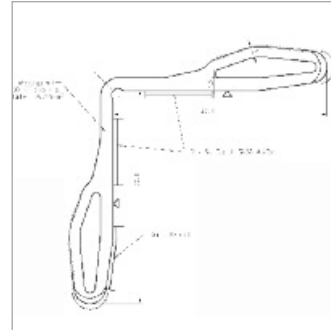


Previously: commercially available foam seal made of sponge rubber.

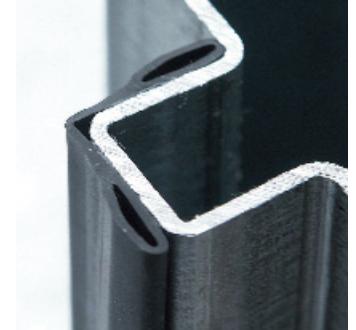
SEAL



Starting from the idea, an improved seal emerged that covers seams as well.



Conceptually and technologically thought out at the drawing-board.



Double chamber seal with a two-fold function: cover seams and seal the casing.

PANEL SCREW FASTENINGS

Previously: screwed joints were positioned in the inside.

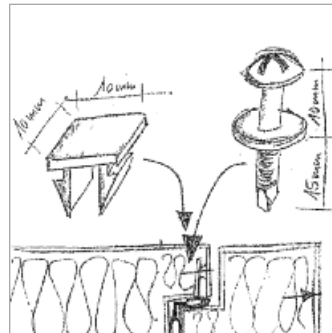
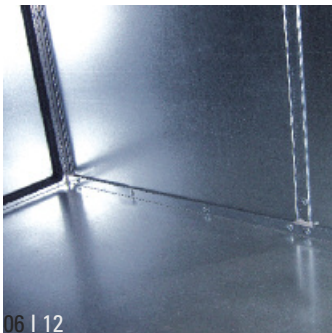
The idea: screw joining from the outside, to save time and more.

Panels fixed from outside

and so totally smooth on the inside – this way it keeps clean!

Result: Absolutely smooth:

better cleaning and improved hygiene.



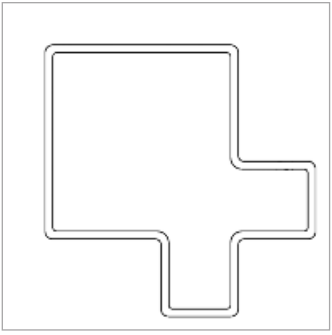


Previously: conventional, rugged base frame.

PROFILE



The idea: a stronger profile with additional edgings improves stability still further.



Conception and technical implementation follow immediately.



A section based on sheet metal maximised to 2mm was realised.

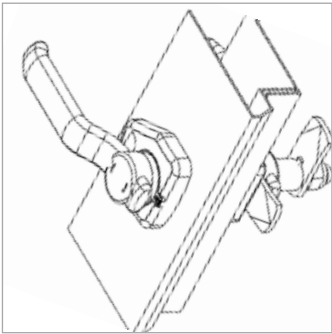
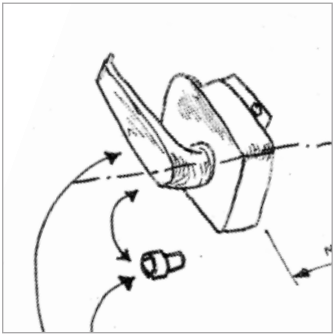
HANDLES

Previously: commercially available handles, appropriate & simple.

Our engineers took the opportunity to develop a bespoke handle.

The concept: plastic coated metal for reduced heat exchange.

Ergonomic handles for safe handling were implemented.



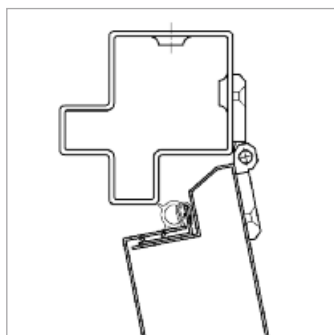
X-CASE PRODUCT DESCRIPTION

The details



Previously: rubber seals fastened to the equipment frame.

DOOR SEAL



The idea: a seal fastened to the door.



Ingeniously matched to each other: twin-wall seal, door frame, door and hinge.



Realised: seals, attractively fixed to the door, all-round for minimum wear.

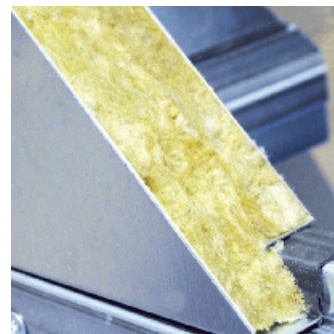
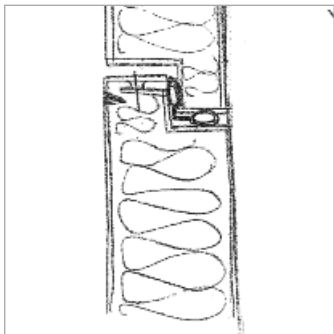
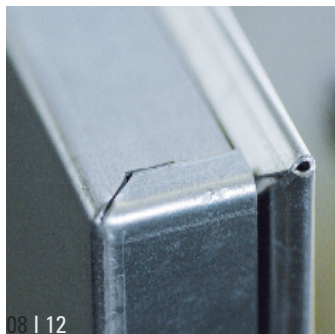
DIMENSION OF 50

Previously: 40 mm wall thickness served as a basis.

Target: define minimum standards, expand quality standard.

Consistently implemented by the Huber & Ranner Team.

The new X-case now is based on a 50mm wall thickness as standard.





Previously: clear shapes and a matter-of-fact style.

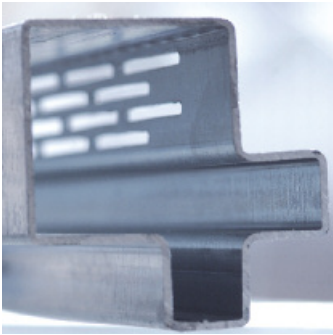
THERMAL DECOUPLING



Keep what is proven and integrate it innovatively.



The existing registered design is continued.



Implementation: perforation makes for minimised thermal bridging.

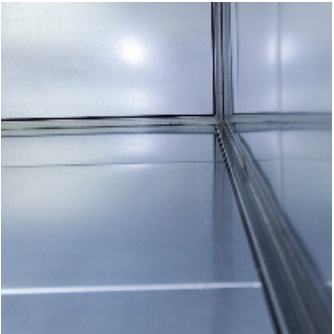
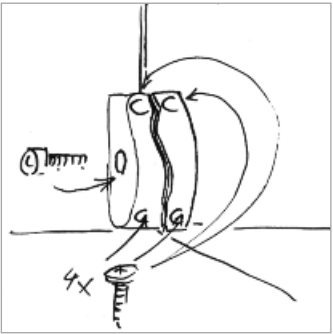
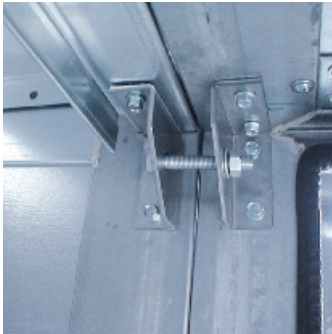
MODULE JOINT

Previously: conventional screwed joint.

Well shaped and massive.

Professional and hygienically sound in this area as well.

Thought out consistently: a robust and hygienically sound joining element.



ACCURATE TO THE LAST DETAIL

High-tech production



Intelligent assembly equipment

We rely on the latest technology when manufacturing our products and we manufacture on state-of-the-art production equipment. The sheet metal machining centre produces all casing components completely automated and without any manual work, for instance.



Highest flexibility and speed

The equipment automatically adapts to the various materials and conditions. For us, dimensional changes are just parameters to which manufacturing will adapt without much effort to suit your needs. In this way, individual components are custom manufactured reliably with tremendous speed.

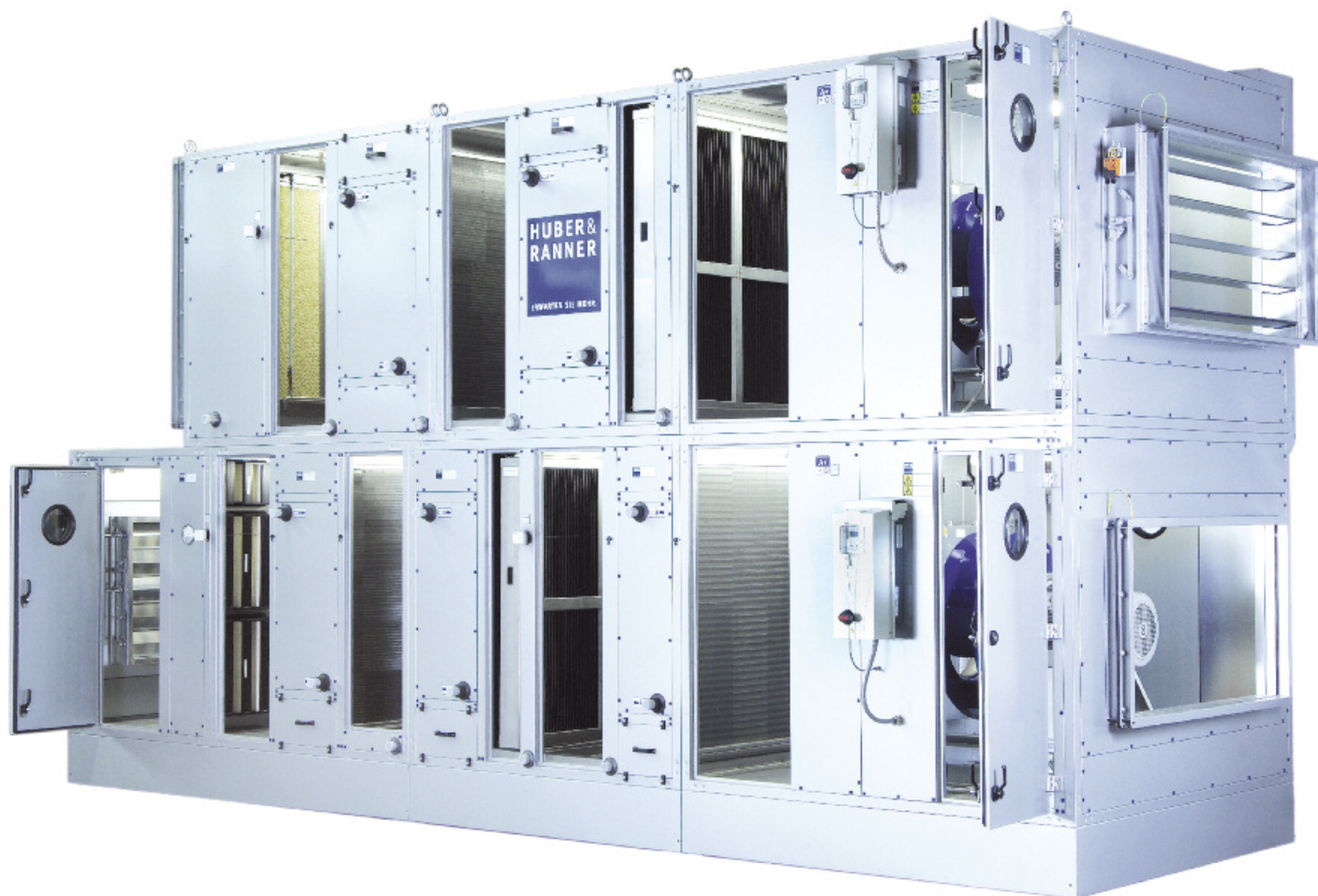


Precision

Accurately specified quality criteria guarantee that the production results will live up to your and our expectations. High-tech products manufactured on high-tech equipment.

HUBER & RANNER

Increasing value by quality



**HUBER &
RANNER**

EXPECT MORE.



**ANY QUESTIONS?
WE'RE GLAD TO HELP.**

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