

Ideen leben



At a glance:

Solutions and products from häwa



CABINET SYSTEMS



X-FRAME



ENCLOSURES



ACCESSORIES



THERMAL COMPONENTS



CABLE DUCTS



CUSTOMIZED SOLUTIONS



TOOLS



Our customers have high demands on cabinet systems. Sometimes larger and sometimes smaller requirements – but definitely always different ones.

Arno Müller, CEO häwa

No matter if **cabinet systems, enclosures or thermal components** – for häwa there is always only one scale: your demands.
When do we talk?

As your personal häwa consultant,
do not hesitate to contact me –
I'm looking forward to your
individual demands.





häwa – the perfect fit for your individual requirements

We are your reliable partner for well thought-out cabinet, console and enclosure systems, modular machine frames, effective thermal components, functional cable ducts and useful tools.

Especially, if you require customized and flexible solutions. From design through construction and production up to logistics and a quick delivery and maintenance service, from häwa you get all from a single source.

More than 400 motivated employees are ready to find the best solution for your challenge and budget.

The result: high-quality products which will fully meet or even exceed your expectations – both today and tomorrow.

In every field as individual as your requirements: the häwa range of products

Our customers always place high demands on our products. Sometimes bigger and sometimes smaller – but very often requirements are quite different from standard. These individual requirements are always the focus of our consultancy. We are convinced if we combine your experience and particular specifications with our experience over numerous projects the optimum solution can be achieved.

All customized solutions are based on our standard products which have been proven in thousands of applications. On that

basis, we firmly believe working together is the best method to being an asset to you, our customers. Everything from a simple adjustment for better usage to complete customized design. We will do our very best to fulfill your and/or your customers' wishes if possible. In other words, we try to create your own häwa customer standard. As our complete production process is adapted to this approach, we operate very economically and principally starting from a quantity of 1.

What can we do for you?



CABINET SYSTEMS	ENCLOSURES	THERMAL COMPONENTS	CUSTOMIZED SOLUTIONS
X-FRAME	ACCESSORIES	CABLE DUCTS	TOOLS



Always a little more flexible: häwa cabinet systems

No matter if you require single or modular cabinets, RHL- cabinets, control panels or PC cabinets, at häwa you will find exactly the cabinet you need. They convince in design and functionality, are solid and extremely resilient.

Our extensive range of accessories for installation and external mounting, offer you a high degree of flexibility. With the assistance of your personal häwa consultant or our useful online tools, the configuration of your individual cabinet system becomes as easy as child's play.

And the best thing of all: you simply chose the important components for your requirements – your häwa consultant will provide you with everything - from the detailed work up to the choice of the suitable mounting hardware.

You can find useful information, many technical drawings and comfortable auxiliary means online at www.haewa.com

A tip:

our personal häwa consultant will support you with the configuration of your cabinet and will submit you a non-binding offer.

Here you will find your häwa consultant:

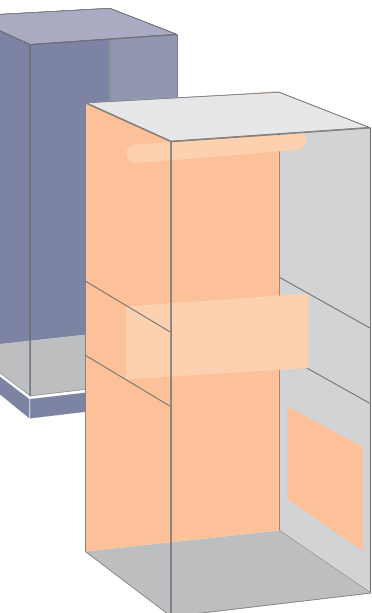


www.haewa.de/consultant



Our standard program offers with its various sizes, different protection classes, UL-approval and extensive accessories, many possibilities. If it still doesn't fit your specifications, we will together with you find the best solution: from differing dimensions up to individual material requirements.

Thomas Eglof, head of the product management department



Application Fields

You can find häwa cabinet systems for example in the automation technology, in food laboratories, in medical technology or plant engineering.

Our products are used as classic single or modular cabinets, RHL or PC cabinets – as well as ergonomically designed control panels for user-friendly operation of plants and machines. Just tell us of your requirements.

Your advantages at a glance

- Great variety of materials: Sheet steel, stainless steel or to your requirements
- Resilient: High stability
- Precautionary: Protection class up to IP66
- Useful: Door stop change without drilling
- Versatile: Extensive range of accessories



You think today about tomorrow? We do too!
For that reason, we developed X-frame –
a modular system which offers maximum flexibility
in the implementation of your individual solution.

Volker Ott, Manager X-frame Machine frames

The flexible solution in mechanical engineering: häwa X-frame machine racks

Each machine cell is functionally different, yet they have one thing in common: they all have to be able to grow in line with requirements. Just like the häwa X-frame, our patented modular machine cell system.

Thanks to an intelligent combination of standardized modules, complex machine racks can be realized quickly, which can be extended and adapted to your specific requirements. X-frame is more than just a supporting frame. It is designed as a big cable duct for housing pneumatic and electric components.

Your advantages at a glance

- **Variable:** Standardized modules combined with individual solutions for various requirements.
- **Efficiency:** Owing to the simple modular structure, you save time and money during the design phase.
- **Additional benefit:** All struts and modules are equipped with flaps, which can be opened to the outside, providing thereby an easy cable, hose and component installation in the frame. Thus, additional cable ducts, enclosures and attachment systems can be avoided.
- **Stability:** Depending on the charge and application field, the struts are manufactured of different material thicknesses (Pro-X). All struts and systems are also made of stainless steel!
- **Useful:** Cabinets can be easily integrated in all levels of the frames.
- **Technical consultancy:** Any time, by agreement also on-site at your premises.
- **Application fields:** e.g.: robot cells, laser cells up to protection class 4, packaging and assembly lines, rotary transfer machines, inspection cells also for cleanrooms and many more.



Suitable for every application: häwa enclosures

From wall-mount enclosures, junction boxes up to explosion-proof enclosures: the häwa standard tested and proven product range scores with well-thought-out diversity – for indoor and outdoor use, in extremely harsh environments and in areas with high air humidity or moisture or for explosion-hazardous locations.

Sometimes you just need minor adjustments or maybe even a customized solution so that the enclosure fits perfectly for the required application. In any case – we will find the suitable and cost-efficient solution for you and with you.

Your advantages at a glance:

- Great variety of materials: Sheet steel, stainless steel or to your requirements
- Resilient: High stability
- Precautionary: Protection class up to IP66/69
- Useful: Door stop change without drilling
- Versatile: Extensive range of accessories

What does your enclosure have to accomplish?
Your answer to this and many other questions provide the basis to build the optimum enclosure for your special requirements.



All about cabinets: **häwa Accessories**

Are special details required? Do you require cabinet and enclosures with windows or additional requirements for protection ratings? Do you need modifications or special specifications?

No problem – with our extensive range of proven accessories you can adjust our products to your specific requirements or wishes. Simply contact your häwa consultant.



Whether heating, ventilation or cooling is in demand: inside your control cabinet predominantly one thing must prevail – a permanently stable climate. Precisely this is the job of our thermal components.

Stefan Rösch, product supervisor thermal components

For an ideal temperature inside the control cabinet: häwa Thermal Components

Cabinets must be absolutely function-reliably. häwa cabinet heaters, filter fans, heat exchangers and air conditioners reliably ensure a continuous temperature inside our control cabinets or enclosures. Four cabinets meet that reliability function required.

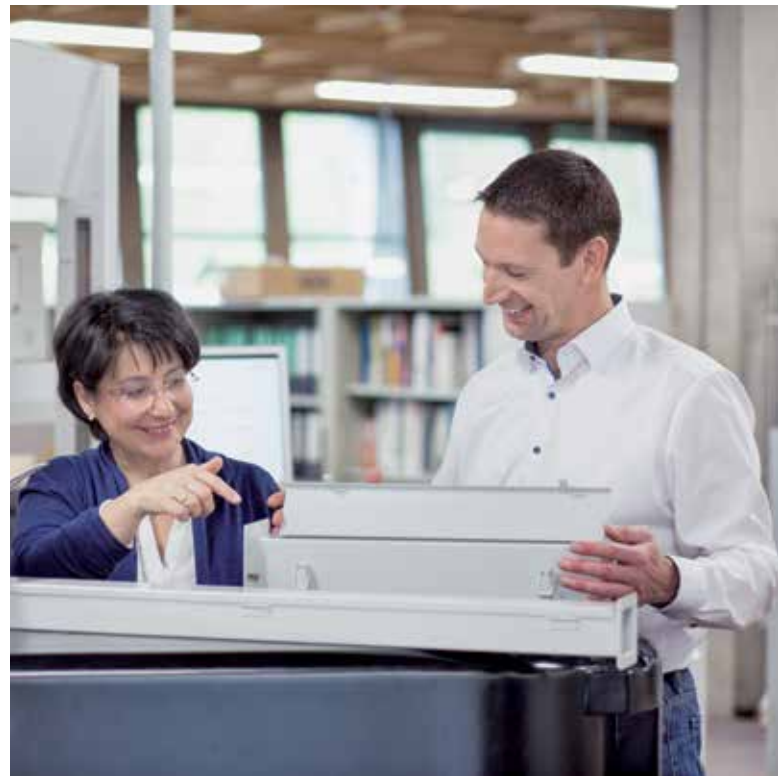
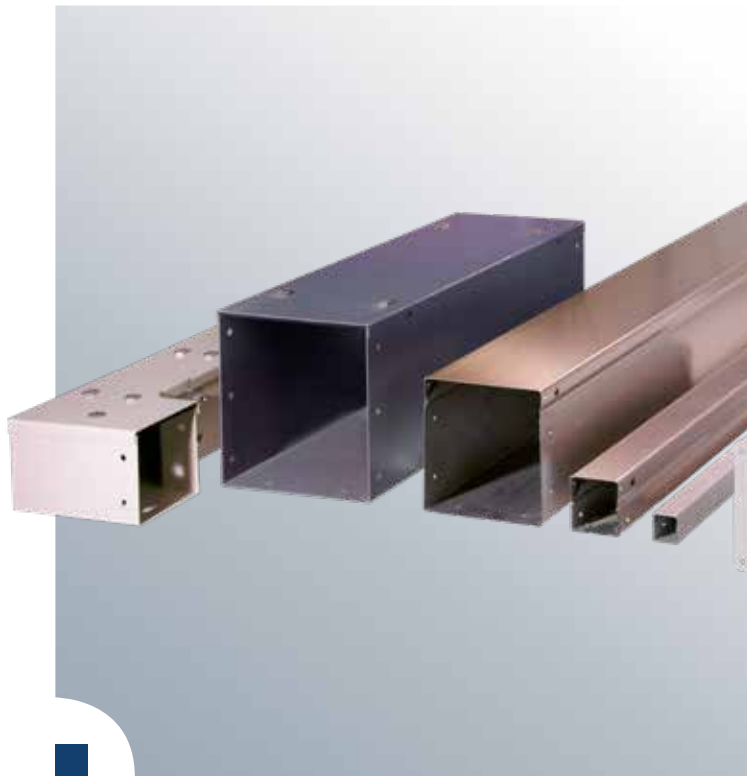
For example: häwa cabinet heaters reliably prevent condensation in enclosures and control cabinets, even in case of low ambient temperature and high humidity. What are your specific requirements?

Your advantages at a glance

- Compact: Low space requirement in relation to the output
- Well thought-out: Easy modification to the customer's request
- Powerful: High operating efficiency
- Useful: Tool-free assembly of filter fans
- Reasonable: non-filter, low-maintenance version when used in aggressive environment



Material: Stainless steel



Well-conceived diversity: häwa Cable Ducts

A clearly defined task: häwa cable ducts provide a safe routing of cables and wires and protect them reliably against damage. They can be used flexibly, are easy to assemble and are developed for long-term use. Our extensive cable duct program offers you a wide range. If it is not possible to use our standard cable ducts due to

design or limited space, we will produce your cable duct – low-priced, quickly and individually customized to your requirements and on the basis of your drawings, sketches or samples.

In addition, we also have perfectly coordinated accessories in stock to realize a cable duct system to your specific requirements.



Even if the proverbial häwa flexibility does not meet the requirements for the adaptations to the customers' standards, we solve your challenge with our customized solutions at a more favorable price than you may assume.

Rupert Mahle, chief of production

Perfectly custom-made: häwa customized solutions

Special requirements ask for more than standard – they ask for customized solutions. If our standard products does not fit your requirements, we will create your very individual solution, perfectly matching your requirements and application purpose. For example control center consoles, test facilities, LCD-display panels or individual machine housings. At the same time we take your budget into consideration – for a maximum efficiency and cost-effectiveness. Please contact us.

Your advantages at a glance

- 100 % custom-made
- Economic: Individual development with know-how of serial production in every sector
- Delivered ready for use
- Well-conceived: with air-conditioning upon request





We provide everything to make the processing of cabinets and enclosures easier – of course in top quality!

Martin Dreyer, tool product supervisor

Made by Professionals for Professionals: hawa quality tools

Highest performance through first-class quality – you can rely on it: hawa offers mobile tools and workshop equipment, all the way to fully automated systems to increase your performance, helping to decrease time and effort.

Punching, crimping, cutting – routine applications for control cabinet specialists. These jobs are performed even quicker, easier and cleaner with the quality mobile tools from hawa: easy to operate, independent of location, time-saving and easy-to-use.

With the manually operated punching pump, for example, you can punch perfectly shaped holes into up to 3 mm thick sheet steel, stainless steel, aluminum or brass. The perfect combination: With our mobile tools, and the hawa workshop and automation equipment, you are setting-up your control cabinet manufacturing for tomorrow's challenges!

Your advantages at a glance

- Precise: Burr-free cut-outs and drill holes in exact sizes
- Efficient: Long lifetime
- User-friendly: Safe and simple to operate
- Flexible and easy to use



Wherever you are – a kind adviser is close-by.

The best solutions are not created at the assembly line but while talking with you. Your personal hāwa consultant will always be there for you – from the first idea to the final solution.








Thus, you have only one contact person during the whole process who has all information and knows every detail. Please do not hesitate to contact your hāwa consultant: you will find further contact details on page 2 of this brochure.

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