

*Made of steel and passion*

Profile sections and systems from Husemann & Hücking

# The COMPANY



Main site in Iserlohn



Production site in Wickede



Production site in Troisdorf

## **Almost 100 years' experience with profile sections**

Husemann & Hücking is a specialist company for open and welded special profile sections, stop profile sections and systems from steel profile sections. Experience gained from over nine decades and our commitment to the steel trade that ranges from metalworking craftsmen to large-scale manufacturers make the company a reliable partner for every area of use relating to all aspects of steel profile sections.

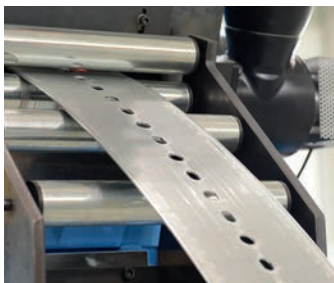
## **Three production sites ensure availability**

The company ensures comprehensive capacity for flexible pan-European availability via three production sites in Germany. We focus on specific manufacturing groups, which ensures a consistent standard of quality and high degree of specialisation across the entire product range.

## **Long-term relationships with customers**

Reliable order processing, a high degree of flexibility and on-time deliveries form the basis of good business relationships. Trust-based cooperation, reliable communication and loyalty to our customers help to secure permanent shared success. In addition, we provide collegiate support from initial enquiry to joint consultation to the delivery of complete functioning solutions.

Stocking an extensive range of the "WP PROFILE" and "KP scharfkant" brand profile sections, which is also available as an app for popular smartphone systems, Husemann & Hücking is a perfect partner to the steel trade. Fast delivery plus prompt, expert advice from a highly motivated team ensure that jobs are processed precisely to customer requirements.



### **Assisting with custom solutions through to the finished product**

Developing customised solutions requires a trusting and all-encompassing flow of information. Achievable, economically viable solutions for the customer are drawn up in joint meetings and discussions. Expertise, the readiness to provide rapid straightforward assistance in meeting the requirements of our customers and reliable collaboration guarantees a fruitful working relationship. The Husemann team always works here on the basis of a permanent, long-term, loyal alliance.

The execution of every job is carried out with "steel and passion".

### **Quality thanks to certification**

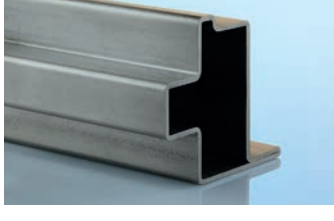
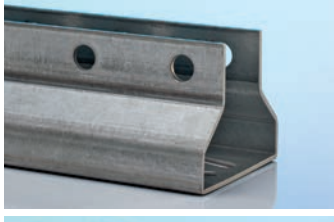
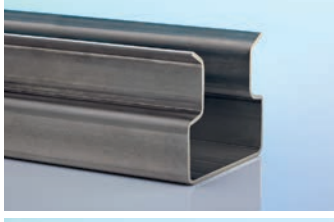
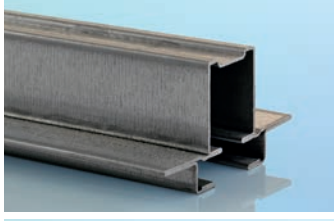
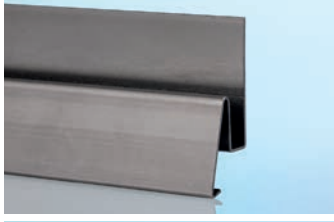
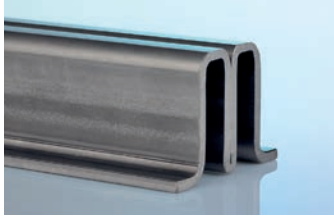
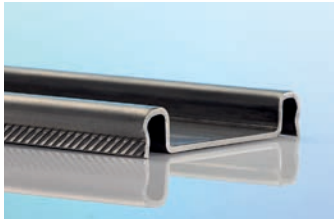
The high quality targets Husemann & Hücking sets itself are underpinned by certification to ISO 9001:2008 standards.



Custom moulds in the best light  
Special profile sections



Picture shows the "Waldschlösschen" bridge in Dresden with special handrail profile sections produced by us. From standardised cross-sections, which are available from stock from major steel traders, all the way to special forms, Husemann & Hücking is the market leader for handrail profile sections.



### Custom components

In addition to standardised profile section shapes, Husemann & Hücking also produces special cross-sections, which are manufactured in adherence to specific customer requirements.

Special profile sections with specific shaping correspond precisely to specified requirements. They can be used cost-effectively as a structural element in countless industrial or trade-related production areas. Special profile sections made of steel, stainless steel and non-ferrous metals are produced at Husemann & Hücking in wall thicknesses from 0.4 to 8.0 mm and strip widths from 15 to 500 mm.

### Areas of application for special profile sections

Our cold-rolled special profile sections and pipes made precisely to customer specifications are used in countless market sectors. The most common areas of use are:

- Axle constructions
- Drive technology
- Plant construction
- Concrete formwork
- Fastening equipment
- General construction
- Furniture manufacture
- Commercial vehicle manufacturing
- Solar constructions

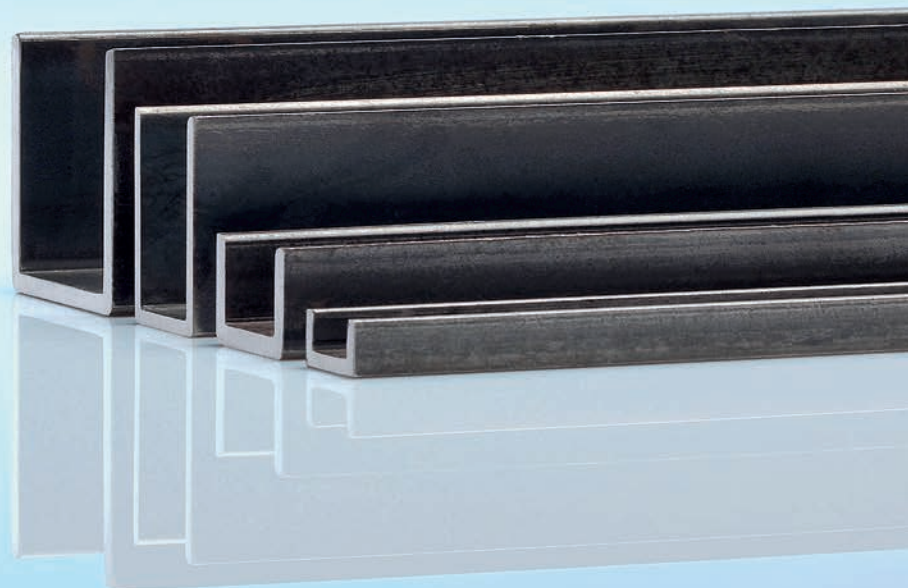
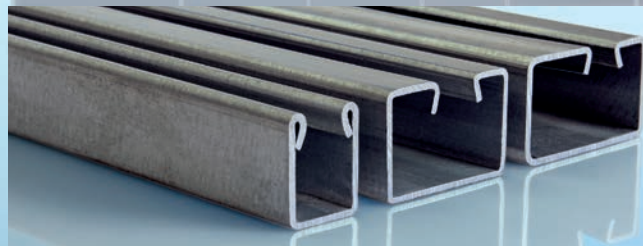
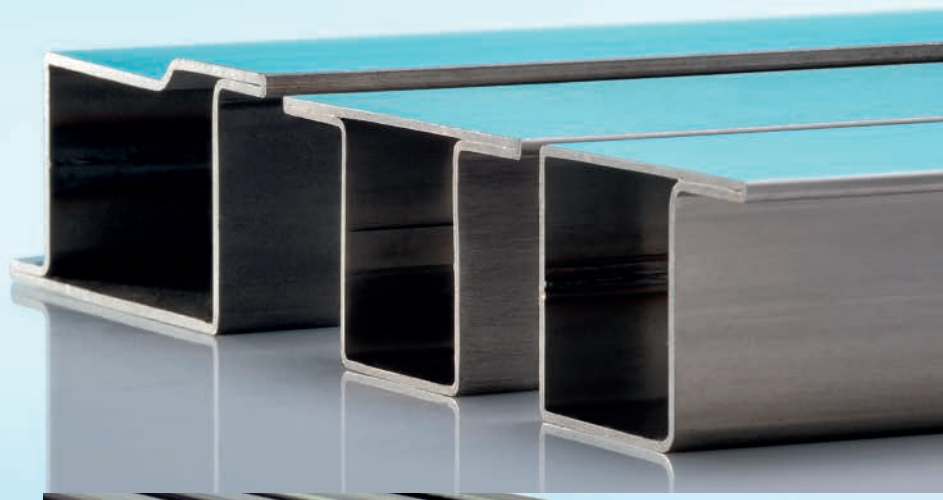
### Prefabrication of profile sections

The cold-rolled profile sections can be prefabricated in different ways and for specific applications. At Husemann & Hücking, virtually all designs are possible, from simple versions using fixed-length production or from the integrated strip punching process within the production flow all the way to installation-ready sub-assemblies with process-integrated finishing.

The following processing steps can be performed individually or combined:

- Notching
- Bending
- Fixed length production
- Joining and clinching
- Engraving and inscribing
- Punching
- Angle cutting

Universal  
*building blocks*  
for limitless creative freedom



## WP PROFILE and KP scharfkant for industry and trade

### From stable door to solar panel brackets

The in-stock profile sections from Husemann & Hücking include the well-known WP PROFILE and KP scharfkant product groups. Both profile section ranges are indispensable structural elements for virtually every solution in the metal construction industry.



### WP PROFILE – The open system

WP PROFILE is the brand name introduced for limitless design scope and economically efficient potential uses in metal and steel processing.

WP PROFILE sections are longitudinally welded stop tubes from bright steel. The directly cold-moulded WP Profile sections feature high dimensional precision and stability and can be further processed very cost-efficiently. WP PROFILE sections are available without delay from the steel trade. The L, T and Z shapes with box dimensions of 34 via 40, 50 and 60 up to 80 mm can be combined together on a near systematic basis. Individual dimensions are also produced from stainless steel.

WP PROFILE sections have been used successfully for decades in:

- Vehicle manufacturing
- Railing construction
- Machine construction
- Door constructions
- Gate constructions
- Furniture industry

### KP scharfkant – Cold-rolled, sharp-edged, unique

The cold-rolled profile sections from Husemann & Hücking known by the brand name KP scharfkant are highly regarded by both industry and trade as a universal structural element.

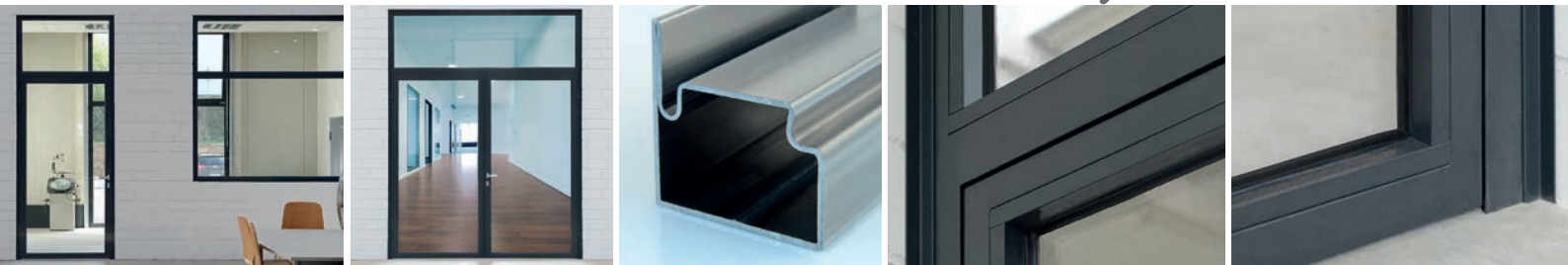
The profile sections with L, U and Z shapes are rolled with especially sharp-edged inner and outer radii and produced true to size. KP scharfkant sections are produced according to EN 10162 on roller profiling machines in a continuous process. Proven starting materials used are hot-rolled strips, cold-formable steels and stainless steel. Over and above these the use of other materials can also be agreed. Size ranges vary from 10 to 140 mm.

Proven areas of application for KP scharfkant are:

- Vehicle manufacturing
- Materials-handling technology
- Industrial facilities
- Shopfitting
- Machine construction
- Furniture industry



# Architecture planned in steel and glass

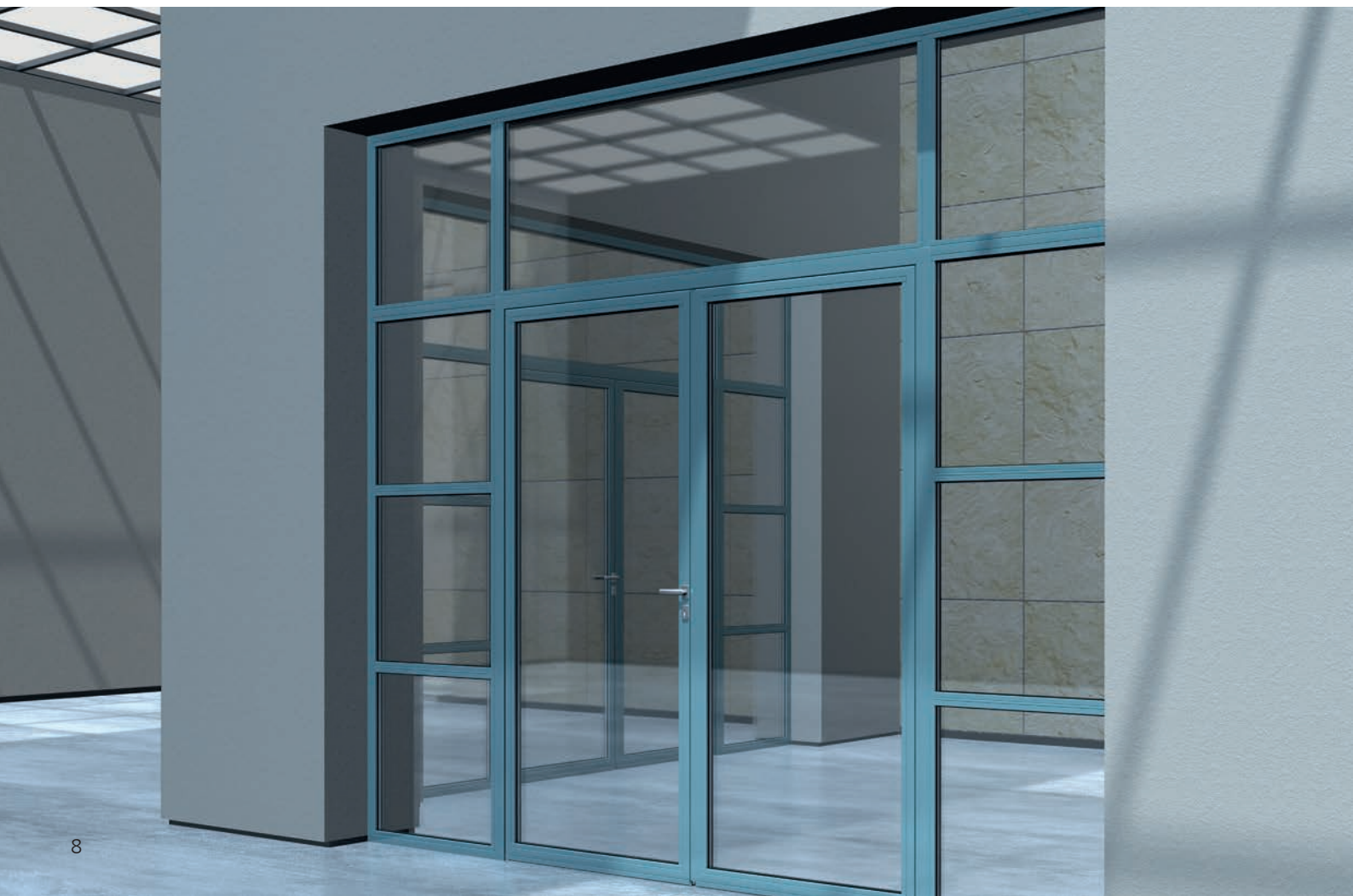


## WP 50 cold – Durability and efficiency made of steel

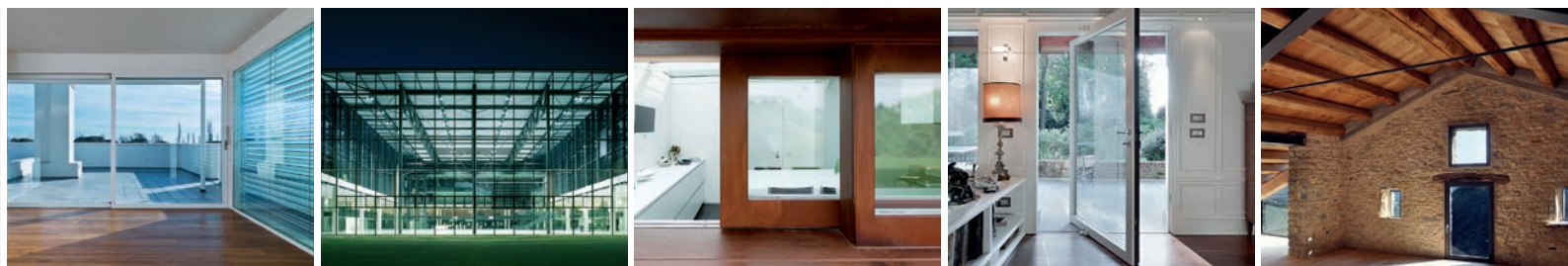
Besides special profile sections and the WP PROFILE and KP scharfkant ranges held in stock, Husemann & Hücking also offers system solutions for use in architecture.

### **The “WP 50 cold” door system**

The system is designed for simple, dimensionally stable and durable door structures with minimal visible widths. WP 50 cold is based on the proven WP PROFILE sections and has been successfully tested as a door structure to EN 14351-1. By virtue of the great stability of the steel profile sections, single and double door structures and fixed glazing with generously dimensioned elements for indoor use can be created with great economic efficiency.







## TWOFRAME – Fine shape in steel and glass

### **TWOFRAME for doors, windows and façades**

TWOFRAME is the brand for creative and discerning structures in window, façade and door construction. Palladio SpA and Husemann & Hücking have joined as partners to offer a successful steel profile system from Italy that is being sold on the German market as well.

TWOFRAME is the alternative: an innovative, advanced and pioneering system. With its filigree profile sections, TWOFRAME stands for transparent architecture and steel/glass design. Steel profile sections constitute the basis for TWOFRAME. Steel is a proven and modern material which is durable, energy-efficient and sparing on resources.

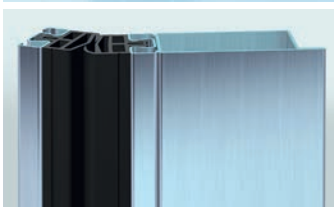


Proven systems

# Safety made of steel



“Strickers-Kehr-Wieder-Spitze” – a cafe in the Hamburg “Harbour City” puts faith in the tried and tested, using the WP WASTO system to provide flood protection.



## From the WP WASTO building protection system to functional door systems with finger trap protection

### **WP WASTO – Living with water**

Effective protection of property against flooding and flood disasters has gained in significance with the increase in extreme weather conditions. Reliable sealing off of building openings can protect against the damaging effects caused by the penetration of water and destructive sludge.

Husemann & Hücking's system offers a solution for effectively protecting the building openings at risk of flooding. An individual can use this system to seal off a building if necessary within a very short time without requiring outside assistance. WP WASTO works in a very simple way. It requires just a few components to create an effective flood protection barrier for the building. WP WASTO is used internationally as a flood protection system and has been proven in many instances beyond Europe.

### **Flexible and economically efficient – the attachment section with integrated finger trap protection**

Via the trade, Husemann & Hücking supplies major steel door manufacturers with profile sections. These attachment sections developed in-house can be screwed quickly and easily onto all profile sections with the same fitted width, thus forming an effective protective system. Thanks to the flexible finger trap protection, folding door structures need no complex construction work.

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## made of steel an passion



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