

**| ENDURING, VERSATILE –
AND TOUGH AS STEEL**

Our customised steel components for your warehouse

| SEMI-FINISHED PRODUCTS, ASSEMBLIES AND END PRODUCTS

We are your specialist for wire, tubing and sheet metal components

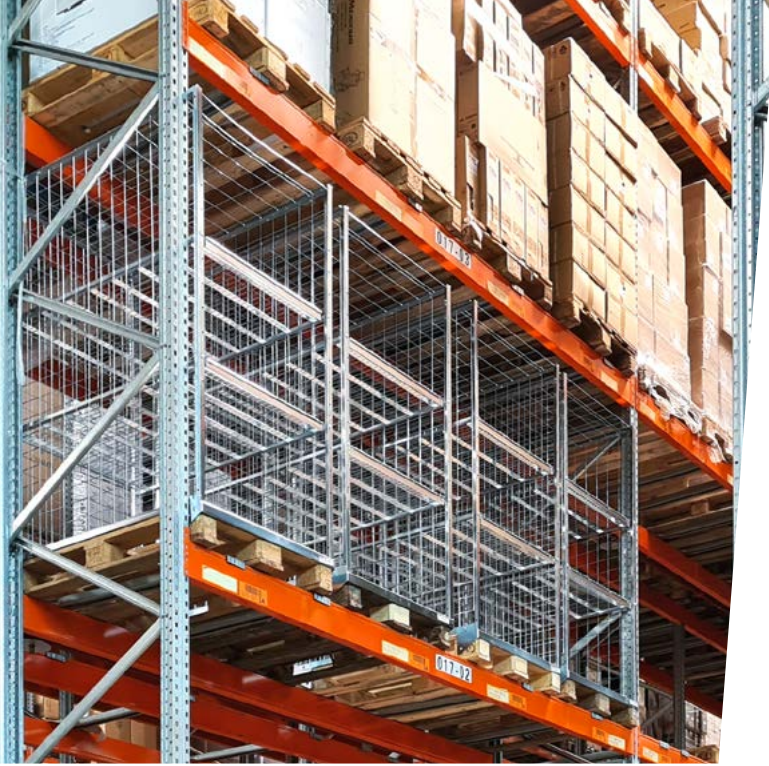
■ **Our products set quality standards** for customers around the world. Not only has Wanzl become the world market leader for shopping trolleys and transport trolleys, but the company has also become a highly valued global supplier of wire, tubing and sheet metal

components for a wide range of requirements in the retail and industrial sectors. As a high-performance and value-oriented family company, we support our customers worldwide with over 4,600 employees and eleven international production sites.



BEST MATERIAL QUALITY

Only top manufacturers producing the very best quality are chosen to supply the 80,000 tonnes of steel processed per year. Because only these materials comply with the requirements for surface quality, strength, weldability and bending properties.



WIDE RANGE OF APPLICATIONS

Our individual storage baskets, workpiece carriers, shelving units and individual shelving components are suitable for use in many different areas, such as

- Automated small parts storage
- Pallet racks
- Shelving
- AGV transport

... or for the quick, cost-effective expansion of storage space.



CUSTOM-MADE PRODUCTS

In addition to our own product portfolio, we also manufacture special steel components for our customers, whose requirements range from simple wire grids to complex assemblies.

With our partially and fully automated production, we are able to rapidly deliver high quantities.

We also apply surface coatings in-house.

Countless customers now rely on the expertise offered by Wanzl.

What can we do for you?

| WIRE, TUBING, SHEET METAL

Alone or in combination

■ **Our specialities are semi-finished products and assemblies** made of bent steel wire and spot-welded wire mesh, both combined with flat steel, steel tubing and sheet metal – and available individually.

// Our manufacturing expertise //



WIRE BENDING

We supply individual 2D or 3D bending parts.

Wire thickness: 4.8 mm to 9.0 mm



STEEL WIRE

Our machines are able to process **steel wire from Ø 2.5 to 10 mm**. Wire cutting can be done with and without chamfer.

WIRE MESH

We use drawn wire made of steel or stainless steel to manufacture spot-welded wire mesh.

Mesh dimensions:

Up to 1,600 mm wide; up to approx. 3,500 mm long

Production times:

Up to around 5,000 meshes per week and per machine.

Resistance welding wire to wire:

2.5 mm to 10 mm



FLAT STEEL

In flat steel cutting, we produce rolled wire and slit coils of grade DC01, C490 and S355MC.

Flat steel dimensions:

Width: 10 to 125 mm

Material thickness: 3 to 4 mm

Resistance welding of wire to flat steel:

Wire: 2.5 to 8 mm

Flat iron: 2 to 4 mm



STEEL TUBING AND SPECIAL PROFILES

We process round, oval and square tubes. There are also various kinds of special profiles, such as U-profiles.

In addition to lasering, bending and sawing, we also use flow forming in our production for threads and bending frames for rectangular tubes.

Tube lengths: up to 6 m

Wall thickness: up to 10 mm for steel

up to 6 mm for stainless steel

Tube diameter:

Round tube: Ø 10 mm to Ø 250 mm

Square tube: 10 x 10 mm to 180 x 180 mm



SHEET METAL

We process sheets with a maximum size of 3,000 x 1,500 mm and a material thickness of usually up to 15 mm (thicker material on request).

Our expertise:

- Laser cutting
- Deburring
- Straightening
- Laser welding
- Coordinate welding
- Punching
(also in combination with lasers)
- Die bending
- Panel bending
- Embossing



| SURFACE FINISHING

Environmentally friendly coatings with active sustainability

■ **Wanzl is one of the largest electroplating companies in Europe.** In Germany alone, we operate 13 plants including 8 electroplating plants, 2 plants for dip painting and 3 powder coating plants.

Wanzl is a company with clear ethical principles. It has developed guidelines for management that combine corporate progress and innovative strength with the protection of people and the environment.

This means that our entire electroplating technology is based on the non-toxic trivalent chrome plating process.

We also use no phosphates in our powder coatings during pretreatment. Instead, our process starts by applying an environmentally-friendly nanoceramic layer with improved powder adhesion.



POWDER-COATING

Plastic powder coating in all RAL colours and many different special colours (max. item size 3,000 x 1,000 x 1,400 mm)



ELECTROPLATED SURFACES

- High-gloss zinc coating (max. item size 4,800 x 1,300 x 800 mm)
- Chrome (III) layer (max. item size 3,800 x 1,600 x 800 mm)



DIP PAINTING

Colorless dip painting (max. item size 1,200 x 1,200 x 1,600 mm)

| COMPLETE SHELVES AND INDIVIDUAL COMPONENTS

Cost-effectively increase your storage capacity!

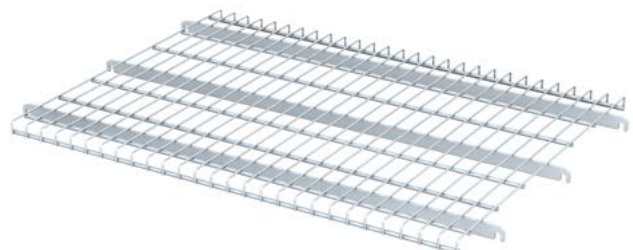
■ We produce both free-standing shelves made from wire mesh, as well as individual components as add-ons to existing shelves, such as wire shelves for pallet shelving or compartment dividers for subdivision.



← WIRE INSERT
for horizontal carousel bearings



↑ COMPARTMENT DIVIDER
for shelving



↑ INLAY TRAY
made of flat steel and wire mesh



// Top quality, customized products made by specialists //

↔ AGV TRANSPORT RACK

In intralogistics, it is becoming increasingly popular to use driverless transport systems. We design and produce compact free-standing shelves that are customised to suit your AGV.



→ PALLET BOXES

Pallet boxes made of wire mesh can be used to quickly and cost-effectively expand the existing storage area. Depending on the number of shelves, you can double or triple the number of storage bays in no time at all.



↑ STACKABLE PALLET BOX



↑ PALLET BOX with multiple shelves



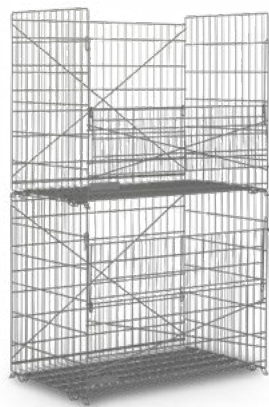
| STORAGE BASKETS AND WORKPIECE CARRIERS

Customized and ready to use in no time at all

■ **We manufacture** trays made of sheet metal with mesh edging or storage baskets for automated small parts storage tailored to fit your requirements. Our storage baskets enable you to set up or dismantle a goods warehouse in a snap, and all without the need for any tools.



↑ **STACKABLE STORAGE BASKETS**
with compartment dividers



↑ **STACKABLE STORAGE BASKETS**
with folding front grate



↑ **WORKPIECE CARRIER**
for selector shafts



↑ **MESH BASKET**
for automated small parts storage

I MADE BY WANZL – THE BENEFITS TO YOU

Our storage solutions save you money!



No new sprinkler system required!

The water-permeable wire mesh elements allow for reliable water drainage down to the lowest level of shelving.



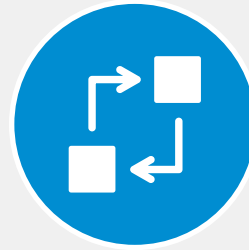
No increased insurance policy!

The water-permeable wire mesh elements ensure that there is no increased fire risk in the warehouse.



Ready to use in no time at all!

The new storage spaces can be ready for use in just a few weeks, as we can handle large quantities with comparatively short delivery and installation times.



Rapid reconfiguration!

Our baskets and shelves offer you a high degree of flexibility. They can be used in other places again and again, as they are not permanently screwed to the substrate.

// YOUR HOTLINE TO WANZL
Tel.: +49 8221 729-0 (Headquarter Germany)
Tel.: +44 1926 45 19 51 (Branch office in UK)
E-mail: material-handling.DE@wanzl.com //

wanzl

VISIT US AT
www.wanzl.com



GERMANY

Wanzl GmbH & Co. KGaA
Rudolf-Wanzl-Straße 4
89340 Leipheim

Phone +49(0)8221/729-0
Fax +49(0)8221/729-1000

info@wanzl.com
www.wanzl.com

GREAT BRITAIN

Wanzl Ltd.
Europa House
Heathcote Lane
Warwick CV34 6SP

Phone +44(0)1926/451951
Fax +44(0)1926/451952

enquiries@wanzl.co.uk
www.wanzl.com

AUSTRALIA

Wanzl Australia Pty. Ltd.
1/1 Hall St
Hawthorn East 3123

Phone +61(0)3/98082299
Fax +61(0)3/98082266

info.au@wanzl.com
www.wanzl.com



Dimensions in mm, specifications approximate, colours similar to RAL, design subject to changes.
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