

Construction Site Logistics



Individual & intelligent construction site logistics

The **AWH consignment warehouse** offers a range of benefits for plant manufacturers and assembly companies. The consignment warehouses we offer enable you to organize **workflows** on the construction site or in other areas as **efficiently as possible**.

We guarantee you an excellent service. You receive **fast and direct access to the warehouse at** and can post orders and withdrawals of items digitally and directly on site.

AWH currently has **three variants of the consignment warehouse**:

1. AWH provides the material and you as the customer provide the storage space on your own premises.
2. The large AWH swap body.
3. The compact material container.



"Optimize your material management sustainably with our service."

AWH Construction Site Logistics



Your advantages at a glance



Reduced waiting times

Thanks to the project-related material resources in our consignment warehouse, you have immediate access to the material you need. As a result, waiting times can be drastically minimized. Our service therefore makes logistics easier and you do not have to put up with long transportation times for goods deliveries.



Project-related material resources

Our service is always tailored to the needs of your project. The consignment warehouse therefore contains a comprehensive range of material resources. This allows you to continue your work smoothly throughout the entire project period.



Quick access to the material

At AWH, we ensure that you always have the material in our warehouse to hand. This allows goods to be withdrawn quickly so that work can be resumed immediately. Overall, our service significantly speeds up the work process.



Clear and manageable storage and withdrawal options

The consignment warehouse enables clearly manageable storage of the material. This facilitates withdrawal and leads to increased efficiency when processing your project.



Cost-effective delivery by car

Thanks to the delivery of the material container by car, you can effectively save on transportation costs. The material is delivered directly to the construction site or project area. As a result, it does not have to be transported to and from the site at great expense.



Improved mobility on the construction site

Our service ensures increased mobility of the material on the construction site. This means that the material is always available where you need it.



Security and protection against theft and weather influences

With our consignment warehouse, the material can always be stored safely. You therefore do not have to worry about the goods being stolen or damaged. Thanks to modern security technology, the property is always well protected.



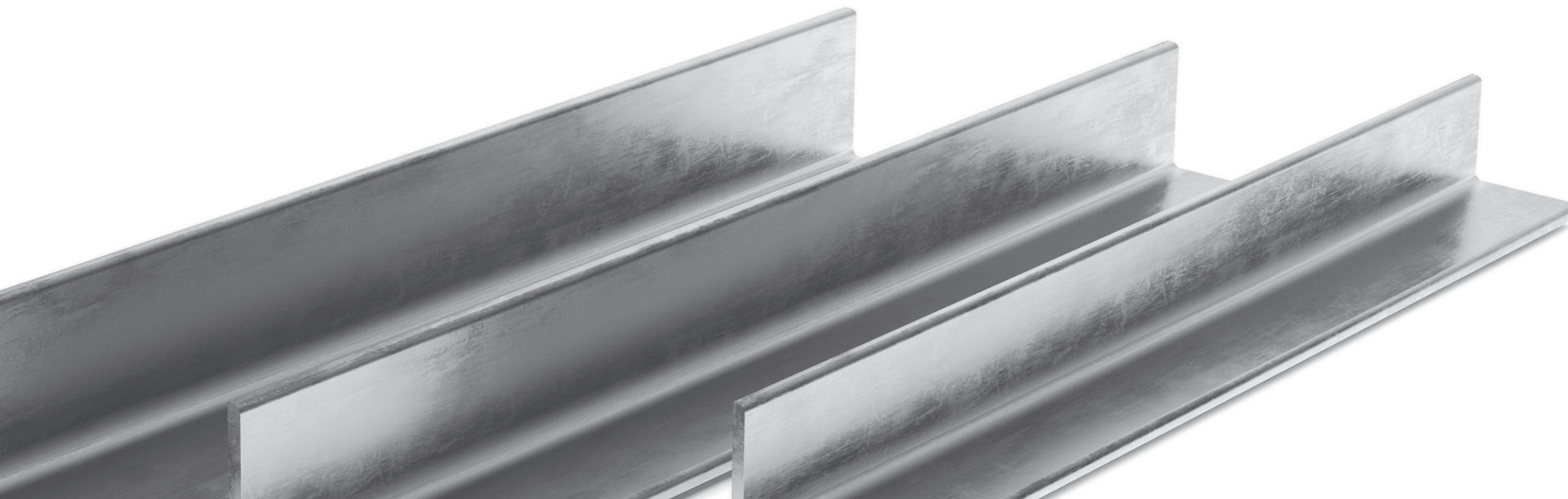
No cost-intensive small orders

Thanks to our service, the warehouse is always equipped with the required material. As there is permanent availability, it does not have to be ordered in small quantities. This allows you to concentrate fully on your project.



Assembly interruptions are avoided

AWH enables you to avoid assembly interruptions. Thanks to continuous material availability, there is no need for unwanted breaks.





Mobile material storage for large projects

The swap body with **internal dimensions of over 7 meters** provides attractive **cost-saving opportunities**.

Compared to normal containers there are no high crane costs, and compared to material containers there is more than twice as much space for your material. This makes it perfect for large projects.

Features:

- Telescopic support legs
- Keyhole plates
- Crash protection plate on the front wall
- Plug-in ladder
- Container doors
- Power connection: 220 / 380 Volt
- Interior lighting

Additional equipment:

- Shelves: 0.75 x 0.40 x 6.5 m, 5 inserts left and right
- Phone and fax connection



AWH Swap Body



Dimensions:

- Outside length: 7.45 m
- Inside length: 7.30 m
- Outside width: 2.55 m
- Inside width: 2.46 m - 2.49 m*
- Outside height: 2.75 m
- Inside height: 2.47 m - 2.54 m*
- Through-loading width for container doors: 2.44 - 2.47 m*
- Through-loading height for container doors: 2.41 - 2.47 m*
- Parking height: 1.22 m / 1.32 m or 0.97 / 1.32 m*

Weights:

- Permissible total weight: 16,000 - 18,000 kg*
- Tare weight: approx. 2,850 kg*
- Loading volume: approx. 45 cbm*

Paint:

- Inside/outside: white RAL 9002/9010

* Dimensions or weight vary depending on manufacturer / features of the swap body

Mobile material storage for small to medium-sized projects

Features:

- Shelving system (height adjustable)
- Power connection: 220 / 380 Volt
- Main power connection outside 32A
- Interior lighting
- Wooden floor
- Forklift pockets
- Container corners
- Optional:
 - Indoor and outdoor castors
 - Trailer

Additional equipment:

- Shelves:
 - 2.97 m x 0.72 m x 2.35 m,
 - 5 inserts left and right,
 - Footprint for transport crates: 2.75m x 0.6m
- LED illumination
- Sockets inside: 3 x 230 V 1 x 16 A
- Adjustable table 1.05 m x 0.46 m
- Optional: two-level step (if using container with castors)



Dimensions:

- Outside length: 2.99 m
- Inside length: 2.83 m
- Outside width: 2.44 m
- Inside width: 2.34 m
- Outside height: 2.59 m
- Inside height: 2.38 m

Weights:

- Tare weight: approx. 1,400 kg
- Payload: approx. 1,250 kg
- Permissible total weight (container and trailer): 3,500 kg
- Trailer weight (empty): 860 kg

AWH Material Container



Compared to the swap body, the material container is only **just under 3 meters long** and can be used more flexibly thanks to its compact dimensions and optional indoor or outdoor castors

– perfect for small to medium-sized projects or occasional withdrawals over a longer period of time.

The container moves to match the progress of the construction site, reducing travel times for the fitters.

Paint:
Outside: blue RAL 5010



Smart handling with items from swap bodies and material containers



Discover the advantages of our online scanning service!

With this practical function, you can quickly and easily replenish your **shopping cart in the online store** by simply scanning the AWH barcode of the item – directly on the construction site from the swap body or material container. This speeds up the ordering process, prevents incorrect orders and saves you having to search for items in the store.

In addition, the scanning of goods withdrawn from consignment warehouses such as swap bodies or material containers enables **automatic posting of the withdrawal** based on the underlying order. This quick and easy scan ensures a smooth process on your construction site without time delays or additional commitment of human resources.



Consignment Warehouse

Digital Scan

Consignment warehouse & online scan – an intelligent combination

Experience the convenience and efficiency of the online scan function and optimize your order processing on the construction site.

Time saving
There is no need to search for items individually in the store, as you can simply scan them and add them to your shopping cart.

Efficient order processing
The "Order by scan" function speeds up the ordering process and saves you valuable time.

Quick order
With a simple scan of the AWH article barcode, you can fill up your shopping cart in the online store quickly and effortlessly.

Automatic warehouse posting
When goods withdrawn from consignment stock are scanned, the withdrawal is posted automatically, which keeps the stock level up to date.

Avoid incorrect orders
Scanning the barcodes ensures precise identification of the items, which prevents incorrect orders.



Options for improved flexibility on the construction site

Pipes in 2m trade lengths

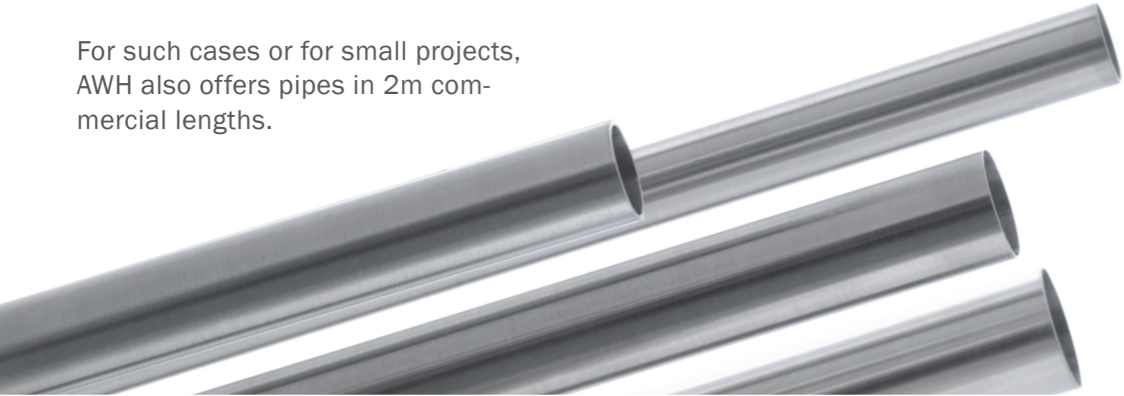
Have changes occurred during the construction phase making pipes in standard 6m lengths oversized or impractical for the completion of the project?

For such cases or for small projects, AWH also offers pipes in 2m commercial lengths.

Customer-specific packaging

If the customer has specific packaging requirements, we are able to respond to individual packaging requests.

A new packaging system often also facilitates handling on the construction site, which we are happy to implement for you, if necessary.



"Sustainable transport and product packaging is one of the ways that we contribute to protecting nature and the environment"

Packaging Logistics



Packaging variants V1 pipe

- Wooden crate
- Completely lined with foil
- Closed end faces



Packaging variants V3 pipe

- Wooden crate
- Completely lined with foil
- Used for air freight
- ISPM heat treated
- Length 3.10 m



Packaging variants V2 pipe

- Wooden box
- Completely lined with foil
- Used for sea freight
- ISPM heat treated



Packaging variants V4 pipe

- Wooden sleds for container loading
- Secured in foil and tension belts
- Used for support material
- ISPM heat treated



Optional:
capped pipes



AWH systematic pipe logistics

Due to their length and weight, loading pipes into sea containers is known as a complicated and time-consuming task that requires extensive logistics.

AWH has been using practical "sleds" for loading pipes for a long time. The long pipe sections can be loaded in one go in a total package of **up to eight tonnes**.

The 2.30 x 5.90 meter sleds are positioned in front of the container using a forklift, held by a second forklift and then pushed into the container.

When the final load has been secured, the truck is ready for departure.

The loading process takes a maximum of 5 minutes.



Container Loading



Sled loading system – optimized, fast and safe

Optimum packaging density

The packaging concept of the parts on the loading sleds ensures high packing density and optimum utilization of space in the container's loading space.

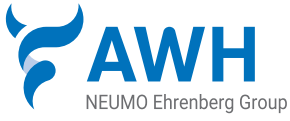
Time saving

The intelligent loading system using two forklifts is quick and goes hand in hand with a well-coordinated logistics team. A lot of time can be saved here compared to loading several individual packages.

Safety

The sled loading system also represents added value in terms of safety, as the load is stored in the loading space as a compact package instead of in many individual pipe units.





Armaturenwerk Hötensleben GmbH
 Schulstr. 5-6
 D-39393 Hötensleben

Tel: +49 39405 92-0
 Fax: +49 39405 92-111
 E-Mail: info@awh.eu
 http://www.awh.eu

NEUMO Ehrenberg Group

