



**Be supported  
by our products!**







# Product overview

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## SCHNEIDER LEICHTBAU, a modern, internationally-active company

**SCHNEIDER LEICHTBAU** is the global market leader in the production of pallets in aluminum and stainless steel.

As innovative producer of transporting equipment with Ex-protection compliant to ATEX standards for hygienic and explosive areas, **SCHNEIDER LEICHTBAU** has achieved to be the leading manufacturer in Europe.

The **SCHNEIDER** hygienic design (QHD-compliant design) further approves our quality products for the food, cosmetic and biotechnology industry.

**SCHNEIDER** handling products are prime tools.

In the aviation industry, tailor made **SCHNEIDER** containers enable smooth and secure transport.

As reuseable packaging, the containers and transporting systems comply with EU packaging standards.

### ■ Tradition

In 1975, the brothers Hans and Josef M. Schneider assumed the family-business "Schneider Leichtbau GmbH" as the second generation. By now, the third generation is successfully carrying on the **SCHNEIDER** philosophy of consistent customer focus, technically perfect solutions and market-driven product innovations.

### ■ Experience

**SCHNEIDER LEICHTBAU** represents proven and tested transporting and handling equipment in aluminum and stainless-steel. Due to our many years of market expertise we know our customer's requirements. **SCHNEIDER LEICHTBAU** is the expert for internal transport of goods.

### ■ Quality as a global brand

An in-house construction department and state-of-the-art manufacturing methods, combined with our employee's technical know-how form the foundations of the quality of **SCHNEIDER** products. A long life cycle with low follow-up costs, very minor failure probability and perfect service result in a high reliability of **SCHNEIDER** products.

**SCHNEIDER** is always cutting-edge.

### ■ State-of-the-art technology

By deploying state-of-the-art machine technology, **SCHNEIDER LEICHTBAU** secures its competitive edge on its markets. Latest welding and laser techniques, CNC controlled bending and forming technology form the basis of an efficient production. Thereby we achieve the best quality of our products while also producing at competitive prices at the business location Germany.

**SCHNEIDER** creates solutions for internal transport of goods.



## We offer the perfect solution for your requirements!

### ■ **Transporting and weighing**

Transporting solutions with fork-lift trucks for wet and hygienic areas, as well as for Ex-zones are available from **SCHNEIDER LEICHTBAU** in many versions.

The **ROBUSTO** products are the perfect tools for any demands and operational procedures, to a large extent maintenance-free and always available.

**ROBUSTO weighing-lift trucks** as mobile weighing systems are indispensable for logistics, from goods receipt to production, storage, commissioning and dispatch for modern and cost-conscious companies. The weighing-lift trucks can be deployed flexibly where needed, especially when material and products do not only need to be transported, but also have to be counted, weighed, identified and recorded.

### ■ **Lifting, conveying and storing**

**SCHNEIDER LEICHTBAU** has been among the first to take care of material workflows and product logistics in hygiene oriented industries.

Where materials and products need to be lifted, transported, tilted, retracted or stored, **SCHNEIDER LEICHTBAU** handling products are indispensable assistants.

The mobile **ROBUSTO**-Lifter systems are, with its modular construction, trend-setting in the modern and efficient working environment. They move drums, vessels and reels. The essential **SCHNEIDER** assistants reduce your costs in the flow of goods through high quality and ergonomic design.

### ■ **Transporting and storing**

**SCHNEIDER LEICHTBAU** is the expert for container and trolley systems in aluminum. **SCHNEIDER** develops complete logistic concepts for internal and external transport and in- and outdoor storage of damageable goods.

## SCHNEIDER products – ready for use anywhere, anytime

Our customers in the **pharmaceutical, chemical and food industry** are subject to very strict hygiene regulations. **SCHNEIDER LEICHTBAU** is an established expert for production and logistic facilities and certainly fulfills the demanding requirements.

In the above listed industries, all aluminum and stainless steel products from the **SCHNEIDER product family** are in use:

- ▶ **Pallets**
- ▶ **Containers**
- ▶ **Lift trucks**
- ▶ **Handling equipment**
- ▶ **Mobile weighing systems**
- ▶ **Cassettes, sheets, shelves and ampoule and bottle racks**

All established pharmaceutical companies have been loyal customers for many years and appreciate the unbeatable advantages of **SCHNEIDER** products.

### **Your benefit as user:**

- ▶ **Hygiene**
- ▶ **GMP**
- ▶ **Compliance with European hygiene standards**
- ▶ **Easy cleaning**
- ▶ **Robust and resistant**
- ▶ **Customized**
- ▶ **Durable and indestructible**
- ▶ **Ex-protection**
- ▶ **Rust-free**
- ▶ **Recyclable**
- ▶ **Supports sustainable development efforts**



## SCHNEIDER services – Reliable and quick, your trusted Partner

SCHNEIDER's customer service ensures that your ROBUSTO lifting and weighing technology equipment works flawlessly anytime.

We conduct any necessary maintenance work and repairs quickly and cost-efficient.

- **Maintenance, repairs and replacement parts for all ROBUSTO products**
- **Reconditioning of damaged aluminum pallets and containers**
- **Sealing of surface with AluClean<sup>®</sup> finish**

Our partner logistics company carries out the collection and delivery service.

### **Customer service for weighing technology**

- ▶ **Maintenance and repair of all weighing technology units**
- ▶ **Recalibration and subsequent verification of all products**
- ▶ **Instruction for use, practical application support**
- ▶ **Maintenance and on-site service**
- ▶ **Maintenance and service for delivered goods**
- ▶ **Maintenance and repair service also available for equipment from other manufacturers**
- ▶ **Periodic service according to scheme**
- ▶ **Maintenance contract including fixed maintenance schedule available on request**
- ▶ **Leasing available on request**







# AluClean® hygiene polish

At **SCHNEIDER LEICHTBAU**, the world's largest producer of aluminum pallets, germs don't have a chance contaminating pallets.

Due to our internally developed and patented **AluClean®** finish, our pallets obtain a special hygienic surface.

Often copied – the original **SCHNEIDER** quality has never been achieved.

Considering the use of pallets from an economic point of view, **SCHNEIDER** aluminum pallets are still clear winners. The follow-up costs for cleaning, disinfection, stability, durability and complete recyclability are considerably lower than follow-up costs for plastic pallets.

The BSV institute explicitly verified the cost-efficient price-performance ratio of **SCHNEIDER** pallets in neutral tests.

The resilience of **SCHNEIDER** aluminum pallets is unexcelled to date.

**The aluminum pallets are economically and ecologically unbeatable!**

## Your benefit:

- ▶ **GMP-compliant**
- ▶ **Very easy to clean**
- ▶ **Robust design**
- ▶ **Resistant to temperature fluctuations**
- ▶ **Extremely high durability**
- ▶ **Antistatic**
- ▶ **Suitable for roller conveyors, stackable, resilient**
- ▶ **Watertight welded seams**
- ▶ **Low weight**
- ▶ **Repairable**
- ▶ **Recyclable**
- ▶ **Positive impact on eco-balance**





## Worldwide, the originals from the market leader in standard and special design

**Flat pallets in different sizes for usual applications or use under extreme conditions.**

As innovative manufacturer **SCHNEIDER LEICHTBAU** offers a wide range of different pallets for any possible scope of application – naturally also with the **AluClean®** surface.



**Aluminum 4-way pallet type 520**  
Pallet deck with 4 longitudinal planks and 4 corner feet



**Aluminum flat pallet with short skids**  
Pallet deck with 4 longitudinal planks and 4 short skids 300 mm long



**Aluminum full-deck pallet type 520**  
Pallet deck closed above and below, with 4 corner feet



**Aluminum flat pallet – the classic type 816**  
Pallet deck with 5 cross planks, light skid design



**Aluminum flat pallet type 816R**  
Pallet deck with 4 longitudinal planks, light skid design



**Aluminum full-deck pallet type 816**  
Pallet deck closed above and below, with longitudinal skids



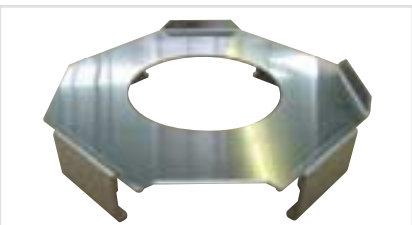
**Aluminum pallet, the heavyweight type 512**  
Pallet deck with 6 cross planks, heavy skid design



**Aluminum pallet, the heavyweight type 512R**  
Pallet deck with 4 longitudinal planks, heavy skid design



**Aluminum full deck pallet, the super hygienic type 512**  
Pallet deck closed above and below, with longitudinal skids



**Suitable for handling of drums:**  
**Aluminum drum pallet,**  
e.g. 200 liter drums  
Pallet made of angled blank sheet, accessible with lift truck from 4 sides

## Also perfect in stainless steel



**Stainless-steel flat pallet with corner feet**  
Pallet deck with 7 cross planks and 4 corner feet

## Perfect transport and ideal storage

The **SCHNEIDER LEICHTBAU** containers are reusable packages that are tailored to various needs and applications. They are compliant with EU packaging standards.

Containers of different sizes can be stacked among one another, as dimensions are adapted to common freight vehicle standards.

The interior of a **SCHNEIDER** container is designed individually according to your requirements to fit the material loaded. The interior can consist of styrofoam, wood, foam, etc. Lids, doors or roller shutters options are available.

**SCHNEIDER** containers can be equipped for being transported with lift trucks, cranes or with an own carriage. Foldable and stackable versions are also available.

### Your benefit:

- ▶ **Rainproof**
- ▶ **Customized design**
- ▶ **Safe and efficient transport**
- ▶ **Absolute protection for damageable goods**
- ▶ **Perfectly adapted to your product**
- ▶ **Extremely resilient**
- ▶ **High hygiene standard**
- ▶ **Compliant to packaging standards**
- ▶ **Standard containers available**
- ▶ **Low weight**
- ▶ **Recyclable, eco-friendly**
- ▶ **Of lasting value**



Standard container



Small container I



Tool & gear wagon



Small container



Container with fixed wheels



Foldable and stackable frame

# Frames for FIBC containers in aluminum or stainless steel

Especially for transporting FIBC bags **SCHNEIDER LEICHTBAU** produces frames in different versions with which the bags can be transported easily. You can choose between square and rectangular euro-pallet-compliant acceptance frames, in compact version, foldable and/or stackable.

The benefits are self-evident:

Easy dosing due to valve controlling with integrated emptying system, full cleanout by avoiding the formation of wrinkles.



Circular belt valve

Naturally GMP- and worker's protection standards (BGR 234) compliant, as usually, due to the special **SCHNEIDER** hygienic design, best fit for clean rooms.



## Your benefit:

- ▶ **Validation and minimized costs for cleaning processes**
- ▶ **Reduction of storage costs (stackable, foldable)**
- ▶ **Easy dosing due to valve controlling**
- ▶ **Complete cleanout**
- ▶ **GMP- and worker's protection standards (BGR 234) compliant**
- ▶ **Suitable for roller conveyors and high-bay warehouses**
- ▶ **Easy to handle**
- ▶ **Easy to clean**
- ▶ **No risk of contamination due to utilization of one-way bags**



## Versatile box pallets suitable for any application in aluminum and stainless steel

SCHNEIDER LEICHTBAU box pallets are ideal for efficient flow of material and safe storage, especially under hygienic sensitive conditions.

### Your benefit:

- ▶ **Highly hygienic**
- ▶ **GMP-compliant**
- ▶ **Extremely resilient**
- ▶ **Safe transport and storage**
- ▶ **Versatile and flexible**
- ▶ **Easy to set up and take down**
- ▶ **Space saving**
- ▶ **Stackable**
- ▶ **Suitable for roller conveyors and high-bay warehouses**
- ▶ **Of lasting value, 100% recyclable**



### ■ **Standard aluminum box pallet**

- With skids
- Can be dismantled



### ■ **Safety box pallet**

- Fixed welded and lockable
- Lid with pneumatic spring action
- Stackable, accessible with fork lift from front



### ■ **Compact box pallet**

- Fixed welded box pallet
- Stackable, accessible with fork lift from 4 sides
- Version with 1/2 flap-down long side wall



### ■ **Stainless steel foldable box pallet**

- Robust and hygienic
- Stackable and accessible with fork lift from four sides



## Perfect work piece carrier for process engineering

### ■ Ampoule-cassettes

The casks and models are fit for a practical, appropriate and safe handling of damageable ampoules and bottles. For the automated sterilizing process. Independent of product's shape or geometry, **SCHNEIDER** engineering develops the optimum product carrier and the perfect product acceptance, for the ideal sterilization process.



Trolley with roller conveyor (batch trolley)



Ampoule cassette with flap



Ampoule cassette with slide

### Your benefit:

- ▶ **Rust-free – in stainless steel and aluminum**
- ▶ **Optional surface finish (electro polished / anodized)**
- ▶ **Hygiene- and GMP-compliant**
- ▶ **Dust- and bacteria-repellent**
- ▶ **Easy to clean**
- ▶ **Perfect handling**
- ▶ **Stable design**
- ▶ **High durability**
- ▶ **Customized designs**

## Versatile transporting equipment

### ■ SCHNEIDER's trolley systems in stainless steel or aluminum

- ▶ **Mobile and space-saving**
- ▶ **Usable across industries**
- ▶ **Individually usable**
- ▶ **Compliant with packaging standards**
- ▶ **High safety of products**
- ▶ **High durability**
- ▶ **Light weight**
- ▶ **Modular design enables easy adaptation to new requirements**



Mobile, variable transporting system



Multi-level wagon-conversion system



Container with tarpaulin GK 22



Trolley (MDU)

## Perfect and praxis-oriented down to the last detail

SCHNEIDER LEICHTBAU's ROBUSTO lift trucks are entirely made of stainless steel.

For these systems, a vast amount of interchangeable gripping devices and add-ons are available. The SCHNEIDER hydraulic pump is also available in different heights of stroke. These are deliverable with different options, depending on the handling equipment, from manual to electric or pneumatic Ex-protected versions.



### ■ ROBUSTO 2300 forklift truck *The original, entirely in stainless steel*

- Robust
- Hygienic
- Fast lift and soft lowering

Also available in special dimensions with different widths and fork-lengths.



ROBUSTO 2300

### ■ ROBUSTO Maxi-Lift forklift truck

- Robust, hygienic and easy to clean
- Fast lift and soft lowering
- Entirely in stainless-steel
- Heightened lift of about 110 mm to an total height of 290 – 300 mm



ROBUSTO Maxi-Lift

### Your benefit:

- ▶ **Patented hydraulic pump**
- ▶ **Guarantee for safety**
- ▶ **Lifting loads with only two pumps – saves time and costs**
- ▶ **Delicate, smooth hand lowering with the soft lowering system is gentle on the user and the goods transported**
- ▶ **In stainless steel with perfect finish**
- ▶ **Service-friendly**
- ▶ **Maintenance-free**
- ▶ **Extremely robust, easy to clean**
- ▶ **Hygienic and GMP-compliant**
- ▶ **Made in Europe – German quality product**
- ▶ **GS-certification**
- ▶ **Ergonomic construction**
- ▶ **Long-lasting use guaranteed**



### ■ **ROBUSTO HHW 600 high-lift truck**

- Optimum stability and safety
- Synchronous telescopic hydraulic leads to even lifting power independent of load, at any height
- Fast lift and soft lowering
- Hygienic, rust-free version in stainless steel (manual lift)
- Options: electric lift, Ex-protected version also available with pneumatic lift



ROBUSTO HHW 600

### ■ **ROBUSTO SH 1000 scissor-lift truck with electric lift**

- Multifunctional scissor-lift truck
- Battery-driven, synchronous telescopic hydraulic guarantees even lifting power, regardless of load, at any height – also valid for fast lift
- Soft lowering
- Hygienic, rust-free design in stainless steel
- Options: rolls and brakes for maneuvering (also in lifted position), Ex-protected model with pneumatic or manual lift available



ROBUSTO SH 1000

### ■ **ROBUSTO Truck**

#### **Pedestrian-controlled electric fork-lift truck**

- 1200 or 2500 kg lifting capacity
- Continuously variable transistor speed regulation
- Electro-hydraulic lift
- Rust-free, stainless steel design (**not suitable for Ex-zones**)



ROBUSTO Truck

### ■ **ROBUSTO Trans-Lifter**

#### **Electric shaft stacker**

- 1000 or 1500 kg lift capacity with a 600 mm load centre-of-gravity
- Continuously variable transistor speed regulation
- Electro-hydraulic lift
- Rust-free, stainless steel design
- Lifting height alternatively between 2000 and 3000 mm
- Options: basis lifting (**not suitable for Ex-zones**)



ROBUSTO Trans-Lifter

## “Super-strong” ROBUSTO lifting and tilting systems: transporting and lifting in line with worker’s protection

The brand **ROBUSTO** has been established by its different lifting and tilting systems. Where containers have to be moved, **ROBUSTO** lifters facilitate your duty. Any lifter is available with different add-on kits.



### Your benefit:

- ▶ **Versatile, flexible, functional, ergonomic**
- ▶ **Individual applications**
- ▶ **Safe handling of hazardous substances**
- ▶ **Accelerate processes and save costs**
- ▶ **Movement of heavy material**
- ▶ **Ex-protection**
- ▶ **Maintenance-free**

### ■ **ROBUSTO Lifter FL 70 / FL 120**

**Basic unit in stainless steel, manual lift with belt drive – ideal for charging reactors**

- Predominantly for handling of drums
- Hygienic, rust-free, stainless steel design
- Options: electric lift, various add-ons, Ex-protected version



ROBUSTO Lifter FL 120

### ■ **ROBUSTO Lifter FL 70 GBK / FL 120 GBK**

**Stainless steel drum lifter with tilting mechanism, manual lift with belt drive**

- Linear-positioned gripping equipment for various drums and diameters
- Manual gripping and tilting mechanism
- Hygienic, rust-free in stainless steel
- Options: electric lift, Ex-protected version



ROBUSTO Lifter FL 70 GBK

### ■ **ROBUSTO Lifter FL 120 E D GBK**

**Lifter with drum gripping device and sensor-controlled traction drive**

- Maneuverable drum-lifting, -gripping and -tilting system
- For handling smaller amounts in chemical or pharmaceutical production
- Electrical lifting and tilting sideways
- Suitable for drums with diameters from 370 – 520 mm
- Entirely in stainless steel



ROBUSTO FL 120 E D GBK

### ■ **ROBUSTO FL 350 GBK**

**Stainless steel drum lifter with tilting mechanism**

- Linear-positioned gripping equipment for drums, with turnable system for tilting
- Hygienic, rust-free version for all areas, where scrupulous hygiene is mandatory
- With manual synchronous telescopic hydraulics
- Fast lift and soft lowering
- Options: manual lift, entirely electric version, Ex-protected version with pneumatic lift



ROBUSTO FL 350 GBK

### ■ **ROBUSTO Newton 250**

**Small, stable lifter for professional use**

- Flexible and functional
- Lifts goods with a battery-driven, low-noise electric motor



ROBUSTO Newton 250

### ■ **ROBUSTO Reflex 125 V with pivoting spindle**

**Special lifter for reel handling**

- Spindle gripper system with tensioning spindle and arbor for lifter – 90° reel rotation
- Facilitates handling of reels
- Light pivoting from vertical to horizontal and vice versa
- Saves working time and reduces costs
- Electro-hydraulic, battery-driven lift
- Options: various add-on kits



ROBUSTO Reflex 125 V

## The weighing all-rounders from SCHNEIDER

- **Weighing**
- **Counting**
- **Dosing**
- **Formulating**
- **Filling**
- **Printing**
- **Recording**

**ROBUSTO weighing systems** leave nothing to be desired and can take many tasks from you.

**ROBUSTO** lifting and tilting units can also be equipped with weighing systems easily. All **SCHNEIDER** weighing systems are compatible with any established terminal supplier. Our multi-partitioned scale offers more flexibility to the end-user due to its several ranges.

The **ROBUSTO** weighing systems with Ex-protection can be used in zones 1, 2, 21 and 22 Ex-class: II 2G IIC T4, II 2D T150° C and -10° C Ta +40° C.

For more information on our different models, **please ask for our "Mobile weighing technology" brochure.**



ROBUSTO Prima SL 1000 / VL 1000



ROBUSTO SL 3000 / VL 3000



ROBUSTO SL 3000 Ex / VL 3000 Ex

## Customer-specific applications – designed and produced individually



Bulk material-container



Special design fork-lift truck



Mobile crane-like gripping arm



Container for use in pharmaceutical industry



Waste container



Special lifter, pneumatic with manual, lateral tilting device and 2 arbors



Aluminum box with skids



**In-house construction department** with experienced employees that concept, plan and develop products according to customer specific requirements. Together with our clients, ideal solutions in 2-D and 3-D models are being developed and produced after customer's approval.



**SCHNEIDER LEICHTBAU produces your products for internal transport.**

From aluminum pallets, containers, box pallets, lift trucks, lifting and tilting units to weighing technology and specials designs. All products are produced and assembled at the site in Freiburg.



**SCHNEIDER LEICHTBAU** is ISO 9001:2000 certified.

All welders are certified according to DIN EN ISO 9606-2.

**SCHNEIDER LEICHTBAU** has an own international welding engineer.

**SCHNEIDER Service – reliable, flexible and quick.**

**SCHNEIDER's** customer service ensures that your **ROBUSTO** lifting and weighing equipment is working smoothly all the time. We conduct all necessary maintenance work and repairs quickly and cost-efficient. Aluminum pallets are recycled and finished with **AluClean®**.



**SCHNEIDER LEICHTBAU – the expert for challenging and individual solutions for handling, transporting and storing**

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