

SERVOLIFT

Experts in Process, Handling & Design

Sanitary Pallets

Schneider Pallet Systems

Schneider is the worlds largest and most trusted supplier for Aluminum and Stainless Steel pallets, box pallets and custom made logistics containers.



SCHNEIDER's patented AluClean® finish obtains the highest hygienic surface across the entire pallet surface. Combined with their unique center-support structural design and robotic welding assembly, SCHNEIDER pallets are without question the best choice for any clean-conscious customer.

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

The resilience of SCHNEIDER aluminum pallets is unexcelled. Aluminum pallets are economically and ecologically unbeatable!

All pallets in Aluminum are available with Schneider's proprietary AluClean® hardened finish process.



Schneider Light-Built
Sanitary Handling Systems



Schneider AluClean® Process

During the AluClean® process, developed by SCHNEIDER, the surface of the aluminum pallet is smoothed, reduced and compressed. A more intensive oxide layer is formed, continuing to provide protection despite the subsequent effects of wear and tear. In addition, surface roughness is reduced to the ideal value of Sterile Classes 4 and 5 according to DIN 4768/1, with an average peak-to-valley height (Ra) of 0.4 to 0.8. Thus the surface gains in stress relief and adhesive power is reduced – so that liquids trickle away and foreign substances cannot adhere. Then there is the highly welcome hygienic effect in the clean room, also retained during intensive use: aluminum pallets with AluClean® are super-hygienic and antibacterial, they are lighter and cheaper to disinfect, as well as being longer lived and more value-retentive.

One more reason to make Schneider your sole supplier for Aluminum pallets!

Schneider Sanitary Pallets versus Plastic Pallets

Assured Hygiene - Quality that goes beyond standard requirements!



If your company needs extreme cleanliness and your pallet are subject to high loads, our rough handling by your operators then AluClean pallets will win for you in any competition. They are smoother, lighter and provide better hygiene than any other pallet. They are designed for robust operations; cleaning is ecological, and lower cost; long service life and end-of-life recycling provide superior advantages.

Criteria	Schneider Aluminum Pallet	Plastic Pallet
Surface Structure	Absolutely smooth, compressed polished surface and closed profiles, resistant to bacteria and dirt - No static charging - a very important hygiene advantage! Neutral for taste and smell, suited for foodstuffs, our material meets GMP standards.	Due to the physical frictional magnetism, bacteria and dust particles are attracted to a high degree (dirt adhesion). After being used for a longer period of time and with cleaning at increased temperatures, they are susceptible to surface cracks or cracks throughout the pallet and the pallet cannot be properly sterilized due to this. This does not meet GMP requirements.
Cleaning Disinfection	Simply use hot water or steam and occasionally some detergent. Requires little water, small amount of waste water, less energy consumption and less time expended - cost saving and environmentally friendly!	Due to the larger surface area - compared to an Aluminum pallet with about 2 square meters, a plastic pallet has about 5 square meters - reinforcing elements and surface roughness, which is over ten times that of an Aluminum pallet, a high amount of water, surface active agent and time is expended. Based on comparable test conditions, plastic pallets required three to four times the amount of disinfection time compared to Aluminum pallets. Therefore, the cleaning costs are significantly higher.
Repair	Damage can be easily and quickly spot repaired.	Plastic pallets are not easily repaired and generally thrown away. If damaged they might require special and expensive disposal methods.
Fracture and deformation	The Aluminum pallets fulfill all requirements of Industrial Standards concerning double safety against fracture - static and dynamic loading - all deformations and bending are below the allowable values. This assures that with many years of use, a very high degree of safety of the pallets concerning mechanical loads during transport, re-handling and storage operations such as use in a cooling facility and cleaning with hot water.	Requirements in this area are only fulfilled to a limited degree. There is no guarantee that lasting deformities will not occur during use.
Bending Strength	The bending is considerably less than that allowed according to DIN 15141 Part 2 and ZH 1/428. Aluminum pallet will not "sag" and they are ideally suited for pallet racking including very high shelf storage systems and automatic handling engineering.	Bending of over 10 mm exceeds the allowable value significantly and the requirements of ZH 1/428 are not fulfilled. Over time Plastic pallets will "sag".
Fire Insurance	Lower insurance premiums are paid when Aluminum pallets are used in high shelf storage systems, when compared with flammable wood, composite and plastic pallets.	If a high-shelf storage system uses plastic pallets, the fire insurance premiums are in the upper danger range.

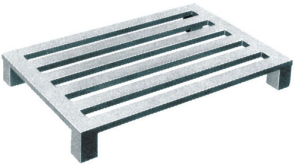








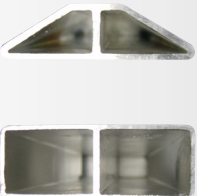
Schneider Std. Pallet Line

Stainless Available on all designs!

No matter what industry your company is in, Schneider quality aluminum pallets can add a needed level of security.

We offer many standard sizes and configurations or we can customize the size as required.

- High Grade aluminum design with totally enclosed (sanitary) tubing.
- Robotically welded pallet unit for 100% welding insurance
- Our standard pallets, remember we can customize ANYTHING to best meet your application!

<p>Type 520 4-way Longitudinal rungs 4-corner feet 1300 lbs</p>	<p>Type 520F 4-way, Full Deck (closed) 4 corner feet, 2200 lbs</p>	<p>Type 816 "classic" 2-way, lateral rungs full run skid feet, 2200 lbs</p>	<p>Type 816R 2-way, longitudinal-rungs full run skid feet, 2200 lbs</p>
			
<p>Type 816F 2-way, Full Deck (closed) full run skid feet, 2650 lbs</p>	<p>Type 512 Heavyweight 2-way, lateral rungs full run skid feet, 3300 lbs</p>	<p>Type 512R Heavyweight 2-way, longitudinal rungs full run skid feet, 2650 lbs</p>	<p>Type 512F Heavyweight Full Deck (closed) 2-way, full run skid feet, 3300 lbs</p>
			
<p>Short Skid Type 4-way, longitudinal rungs, 12" pocket skids, 1550 lbs</p>	<p>Type 300 2-way, lateral rungs full run skid with 4-Steel feet for insertion tubes, 3300 lbs</p>	<p>XtraPal® 2way Pallet Jack 4-way fork truck, full run skid feet 1760 lbs</p>	<p>Schneider Profiles: center supported for maximum durability</p>
		 <p>Our Newest Design VERY Low Cost & high quality!</p>	

Schneider Breakdown Box Pallet



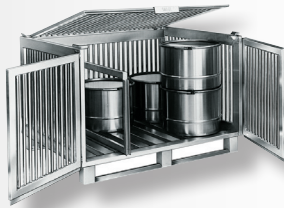
- Standard Dimensions: 47.25" x 31.5" x 34.5"H (inquire for custom sizes)
- 2 x push-in side walls with stacking corners and drop-in rings
- 2 x push in long sides
- Load bearing capacity: 2205 lbs / 1000 kg
- Weight: approx. 79 lbs / 36kg

Schneider Compact Box Pallet



- Standard Dimensions: 47.25" x 33.25" x 34.5"H (inquire for custom sizes)
- 1 x long side fold down gate with lock
- Run in height (under-clearance): 4.72"
- Load bearing capacity: 2205 lbs / 1000 kg
- Weight: approx. 66 lbs / 30kg

Schneider Safety Box Pallet



An excellent solution for products requiring security, such as narcotics, high potency APIs or high value materials. The bar design of the box pallet allows for fast viewing of the materials, which has many advantages.

- Standard Dimensions: 55.11" x 42.5" x 47.71"H (inquire for custom)
- 1 x long side with bi-parting doors
- 1 x lid with back hinge with pneumatic/spring unit to safely hold up door when open
- Load bearing capacity: 2205 lbs / 1000 kg
- Weight: approx. 163 lbs / 74kg

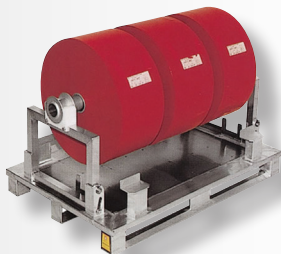
Schneider Folding Pallet



Offers a space saving method - when not in use the sides easily fold down and allow the pallets to stack on top of each other. All the parts are connected together - nothing loose!

- Standard External Dimensions: 48" x 40" x 36.9"H (inquire for custom sizes)
- Load bearing capacity: 2205 lbs / 1000 kg
- Weight: approx. 158 lbs / 72kg

Schneider Roll Media Pallet



Schneider produces custom designed handling skids and holders for all types of packaging media. The sturdy Schneider designs insure GMP compliance over dirty plastic pallets.

We offer designs for both Horizontal and vertical roll storage.

The roll skids can have folding holders and thus be stackable to reduce handling and or transportation costs for the empty units.

Available in Aluminum with or without the Schneider AluClean finish, or stainless steel with a polished or glass bead finish.