

In some environments the products for material handling have to fulfil specific requirements. This could be environments with strict **hygiene requirements**, **aggressive environments** and **environments being sensitive to static electricity**. The products might also have to fulfil requirements of clean rooms.

As a result of close collaboration and feedback from our customers, we are able to tailor our products to meet their specifications if required.



Stainless Thork-Lift ensures an optimum working height.



Fully powered pallet truck ensures easy and smooth maneuverability in special environments.



Hygienic transport with the stainless stacker.

Special environments – special requirements

Aggressive environments

In aggressive environments it is important that the material is corrosion-resistant and resistant to acids, salts and scratches. This requires a material with high chemical and mechanical resistance.

Strict hygiene requirements

In environments with strict hygiene requirements (EN 1672-1 and EN 1672-2), the hygiene zones are typically divided between low, medium and high level.

Clean rooms

In clean rooms it is important that the products fulfil the requirements of the cleanliness of the air, meaning the contents of dust particles in the air. Stainless products are perfect for applications in clean rooms, classified according to Federal Standard 209 and the ISO-standard, ISO 14644-1.



EN 1.4404 steel is used for all fork chassis. For all other parts qualities EN 1.4305 & EN 1.4301 are used.



Closed forks mean easy cleaning and few hiding places for bacteria.



The acid-resistant fork chassis is electrically polished. This ensures the fine and shiny surface.

The requirements for the stainless products are various, and Interthor offers both RF-PLUS and RF-SEMI products.

RF-PLUS products

The RF-PLUS products are manufactured in stainless steel, which is subsequently electrically polished. The electric polishing gives the steel a strong surface and ensures that the corrosion-related qualities of the steel are rebuilt after the welding process. At the same time it ensures that it is very easy to clean and very resistant to cleaning materials with chlorides.

RF-SEMI products

The RF-SEMI products are perfect for industries, which do not require RF-PLUS products. The hygiene demands on the parts, being in direct contact to e.g. the food, are here severe. These parts are made of stainless steel.

Where parts just have to resist moisture, corrosion-resistant steel is sufficient. Depending on the part in question, we use hot galvanizing or chromit treatment (Chromit 3).

Bearings and wheels

All the RF-PLUS trucks have stainless bearings in the wheels. The wheels of RF-SEMI trucks have rubber-sealed ball bearings. The trucks have as standard white nylon wheels, but can also be delivered with polyurethane and vulkollan wheels.

Oil

The stainless trucks must be able to operate in cold stores. Oil of the viscosity class ISO VG 15 is used, as it stays thin at cold temperatures.

All ball bearings and movable parts are lubricated with grease, approved for the food industry: NFS USDA class H1. The hydraulic oil is placed in a closed system.

We also offer tailor-made solutions.

*Please ask for further information or visit our website
www.interthor.com*