



Clean room

Sectors

Various fields such as semiconductor production, flat screen production, optical and laser technology, spacecraft production etc. demand high cleanliness, which means that clean room standards must be maintained.

Clean room

A clean room is a room where the concentration of particles in the air is controlled and satisfies defined cleanliness classes. It is important to keep the particle contamination caused by work materials, lubricants and drives to a minimum.

Your system

Use the checklist in Section 7 to enquire about the system you require and also specify the particular requirements for your application. We can then offer you a system to meet your requirements.

Food industry



Food industry sector

The foodstuffs sector operates at a very high level of automation. On the one hand this promotes a very high level of hygiene, on the other hand it permits intelligent and efficient systems for economic production

Resistant against corrosion

Our Z and GSZ series are corrosion-resistant and are therefore very suitable for most applications in the food industry. The GSZ gearbox with its smooth surfaces is particularly suitable.

The Z and GSZ series are not suitable for special applications where stainless steel is mandatory.

Screw jack systems

We supply gearboxes and systems with food grade grease to the food industry. Our food grade greases are FDA-approved. Use the checklist in Section 7 to enquire about the system you require and also specify the particular requirements for your application.

Resistant against corrosion

Standard corrosion protection

When installed indoors in heated buildings with neutral ambient conditions.
Max. surface temperatures up to 90°C.

All relevant components of the ZIMM Z series and GSZ series for these operating ranges are coated as standard against corrosion. The colours black, anthracite and silver are visually neutral and fit in with any colour combination.

Enhanced corrosion protection

If installed outdoors or if subject to condensation or direct exposure to the weather.

Enhanced corrosion protection by additional coatings or special paint finishes, possibly stainless steel spindles, UV-resistant or moisture-resistant gaiters.

Special corrosion protection

For environments containing chemical pollutants, in coastal areas and exposed to other aggressive conditions.

Special corrosion protection by the use of stainless steel components or other special measures.

