

The wheels and castors of item Industrietechnik GmbH are maintenance-free under normal operating conditions.

Normal operating conditions:

- level floor
- Walking speed
- ambient temperature -20°C to +40°C
- dry
- low dust
- no contact with chemical substances

Depending on the degree of use and ambient conditions, visual inspections and functional tests of the wheels and rollers should be carried out regularly, but at least once a year. Replace the apparatus rollers when their function deteriorates and the actual internal task is no longer fulfilled.

Before starting maintenance work on the system, make sure that it is load-free and secured.

This information does not release the user from his own assessments and tests. It should be noted that our products are subject to a natural wear and aging process. When servicing the apparatus rollers, it must be ensured that all moving elements are secured against accidental movement. You can be injured by rotating and moving parts!

All work with and on the apparatus reels must be carried out with „safety first“ in mind.

Recommended Maintenance / Inspection

Maintenance work

Check the screw connections for tightness.

Functional check of wheel, slewing ring, wheel lock, directional lock, brakes and other accessories.

Check of wheel bearing play and turntable play, ideally in accordance with DIN EN 12530 to DIN EN 2533.

Check of wear and abrasion of tires and treads.
Guide value: max. abrasion \leq half treads thickness.

Clean light soiling with moderately damp, soft cloth or soft sponge. For heavier soiling, mild soapy water can be used. Do not use abrasive cleaners. Test cleaning agents on an inconspicuous area before use.

In case of using ESD apparatus rollers:

Dust and dirt can affect the functionality of the ESD apparatus rollers. The running surface of such apparatus rollers must be kept clean and cleaned regularly in accordance with ESD requirements, depending on the degree of use and ambient conditions.

In addition, we recommend the use of an ESD drag chain if required (item: 0.0.671.88).

The above information is based on the present state of our knowledge and does not represent any assurance of properties. Before using our products, please check yourself whether they are suitable for your intended use, also with regard to possible influences affecting the application. Existing laws and regulations must be observed by the recipient of the product at his own responsibility.

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