



Product liability terms

The following issues pertaining to wheels and castors must be taken into account when determining the manufacturer's liability for his products. It is laid down in the Product Liability Act that the manufacturer shall be released from his liability if the factors mentioned below are not taken into consideration.

1. Product information and intended use

The products referred to here denote exchangeable components that can be mounted on appliances, furniture, means of transport and other comparable products so as to move them from one place to another. The terms laid down here shall concern products used in manually movable appliances the speed of which does not exceed 4 km/h and which are not in continuous motion. The products can be divided into the following categories according to their use:

- Interior decoration: chairs and other furniture
- Shops, offices, nursing: shopping carts, office furniture, hospital furniture and equipment, e.g. hospital beds
- Industry: means of transport for light, medium and heavy loads

The proper use of the product shall also include the right attachment:

- 1.1 The product shall be attached to the appliance permanently through all of its fixing points.
- 1.2 The fixing points of the appliance shall be sufficiently robust for this purpose.
- 1.3 Mounting must not detract from the operation of the product or change its form.
- 1.4 Idler transport castors must be mounted in such a way that the turning axle is in the vertical position.
- 1.5 All fixed castors must be mounted in such a way that their axles are aligned straight.
- 1.6 The idler wheels employed in the appliance must be a given type. If fixed castors are also mounted to the appliance, only the castor type recommended by the manufacturer must be used.

* If the products are to be used in corrosive conditions, humid places, outdoors or close to sea, products specifically designed for such use must be employed.

* Please note that the capacity may be considerably weaker if the castor is used in temperatures outside the normal range (+15– +25 °C). We recommend that special products are used in special circumstances.

* The wheel, fork, brake unit, attachments and other parts together make up a functioning whole. The manufacturer's responsibility is solely limited to original parts and the wholes formed by these.

* Selecting the products requires a sufficient knowledge of load types and their scope. In addition, a sufficiently large safety coefficient must be employed.

2. Misuse

Misuse shall here refer to situations where the products are used for purposes other than those specifically indicated. Cases of this kind include:

- 2.1 The products are used in applications that subject them to excessively high loads.
- 2.2 The products are used on unsuitable or uneven bases.
- 2.3 The products are used at too high or low temperatures.
- 2.4 An appliance with locked-up wheels is moved by force.
- 2.5 Brakes are used to stop a moving load.
- 2.6 The products are subjected to particularly aggressive agents.
- 2.7 The products are subjected to unsuitable loads in the form of vibration or shocks.
- 2.8 Foreign substances enter the running surface.
- 2.9 Wheeled appliances are moved at too high a speed.
- 2.10 Changes have been made to the product, of a kind not approved by the manufacturer.

3. Product information

In cases where our material does not provide any detailed product specifications, product and component requirements must be agreed with the manufacturer. ISO and CEN standards provide the necessary guidelines in this.

4. Servicing and maintenance

Products must be serviced at regular intervals by greasing their bearings and tightening all loose components, for example. Detergents that do not contain any adverse particles or that prevent corrosion must be employed. In the case of malfunction, the products or their components must be serviced or changed without delay.

5. Duty to inform and advice

To comply with the duty of information and advice laid down in the Product Liability Act, the following materials are available: catalogues and product leaflets containing product information and user instructions, Internet pages, and the support available from our sales staff. To ensure the correct operation of the products, all retailers must follow the details given in this product release (points 1-6) and the information that they have obtained from users. They shall consult the manufacturer, where necessary, and provide the user with the information that they may have obtained from the manufacturer.

6. Product dimensions and drawings

We reserve the right for changes

These product liability terms of Oy Mannerin Konepaja Ab are valid as of 1 November 2015.