

Machine Grating

Instructions for Use

MACHINE GRATING

Thank you for choosing an industrial stainless steel-based panel system from NTF Aalborg A/S.

Please follow these instructions, to ensure that your new system functions correctly.

To function correctly, the system must be installed according to NTF's installation instructions and secured to a concrete floor compliant with EN 206-1 with classification C20/25 to C50/60. Make sure to use the proper safety equipment during assembly and installation.

Panels, pillars, doors and accessories in Aisi314/Aisi316 stainless steel are protected from corrosion in accordance with classification C4/C5: Industrial environments with relatively high air humidity and aggressive environments.

Accessories such as fittings, hinges and clamps are made with Aisi314/Aisi316 stainless steel.

MAINTENANCE

Depending on the installation's surroundings, the following must be done every three months:

- Cleaning with a damp cloth. Use a mild cleansing agent if necessary
- If the installation is subjected to vibrations, tighten all bolts and fittings in the system

If the product is used in an aggressive environment with relatively high air humidity, it is advisable to wash the installation with the disinfecting agent recommended by the company's chemicals supplier.

MACHINE SCREENING SYSTEM

The machine screening system must be installed according to NTF's installation instructions, ISO 13857 (Machine Safety – Safety distances to prevent hands, arms, legs and feet from entering hazard areas) and ISO 13855 (Machine Safety – Placement of protective equipment with regard to the speed of limb movements). The safety distance for NTF's screening is calculated according to table 4 in ISO 13857.

The system is designed for horizontal screening. The screening may only be taken down by authorised personnel following a safe working procedure.

Machinery Directive 2006/42/EC prescribes mandatory monitoring for damage to the machine screening as well as replacement of parts as needed.

It is recommended to check the machine screening from NTF, including optional parts and accessories, every three months. For safety switches, follow the manufacturer's instructions.

The machine screening must be inspected visually, as well as by pulling on the wire mesh, to ensure that the metal wires and fittings are intact. The doors must be inspected by checking the hinges and/or guide rail. If a panel or pillar is damaged (e.g. by a forklift or other vehicle), it must be replaced immediately.

REUSE

The panels, pillars and doors are made of stainless steel and may be reused as scrap metal.