



## **Maintenance Manual for Roll trailer 40' / 100 t**

### **General description:**

The trailer is pulled by a tug master connected by a loose Goose Neck.  
Requiring a max 5th wheel load of 32 ton  
Connection: Gooseneck tunnel.  
Speed: max. 6 km/h

### **Important:**

The operator must be careful when turning the Roll Trailer, too narrow turning angle can cause tyre damages.

The cargo has to be placed on the trailer and secured by lashing to this, so no danger can appear.  
Before use the Roll Trailer shall be checked for damages, which can have influence on the security.

### **The Roll Trailer must frequently be checked as follows:**

#### **Chassis:**

Eventually cracks on welds or beams must be properly repaired.

#### **Landing Gear:**

Minor dents can be accepted, major must be repaired before use

#### **Goose Neck Tunnel:**

Only dents below 25mm can be accepted

#### **Front and rear beam:**

Only dents below 25mm on the upper flange downwards can be accepted. Upwards dents are not accepted.

#### **Side Beams:**

Bending downwards and sideways can be accepted. Dents below 25mm can be accepted.

#### **Cross members:**

Dents below 25mm sideways in flange can be accepted. Dents below 10mm downwards can be accepted.

#### **Forklift Pockets:**

Only minor dents below 15mm can be accepted



Lashing Points:

Damages affecting function or strength are to be repaired or renewed.

Floor:

Planks with transverse cracks over full width are to be changed.

Rocker Arm and Axles:

To be frequently checked for proper function. In case of malfunction, supplier is to be contacted for decision.

Hub for wheel:

To be checked for dents. Dent up to 10mm inwards/outwards are accepted. Larger dents shall be repaired by straightening etc. or if necessary the hub to be changed.

Tyres:

To be checked for damages. If damages exceed width of 50mm x length 100mm x depth 15mm on a tyre, or if there are many small damages, the tyre has to be changed.

Bearings:

Wheels should be spun to ensure there is no noise from the bearings. If noise occur this could indicate the bearing is damaged and this must be replaced.

**Additional Maintenance:**

**Grease Points:**

Following parts should be greased frequently:

Grease nipples in wheels.

**Bolts:**

Axle and rocker arm bolts must be frequently checked. Locking plate to be checked for damages.