

SB 1000-108**Emergency Operation of the Hydraulic Chain Wheel Brake**

2018-04-25

Rev. C

1 Scope and Target Group

⚠ WARNING

- ✓ Always refer to the user manual for additional information and safety warnings.
- ✓ Only perform this task if you are qualified to carry out the steps described below.
- ✓ Always make sure that the tasks described in this bulletin are intended for the equipment you are working on.
- ✓ If you are unsure about the workflow, steps or qualification, contact your TTS aftersales service contact.

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2 Emergency Operation for Speed Limiter and Hydraulic Chain Wheel Brake

2.1 Introduction

The hydraulic speed limiter and chain wheel brake serve as security measurement for a convenient control of the anchor chain. The band brake is operated by a hydraulic cylinder, allowing only a predefined speed for the chain.

The chain wheel brake is operated by the brake lever, that is, the chain wheel speed can be controlled by pulling the lever.

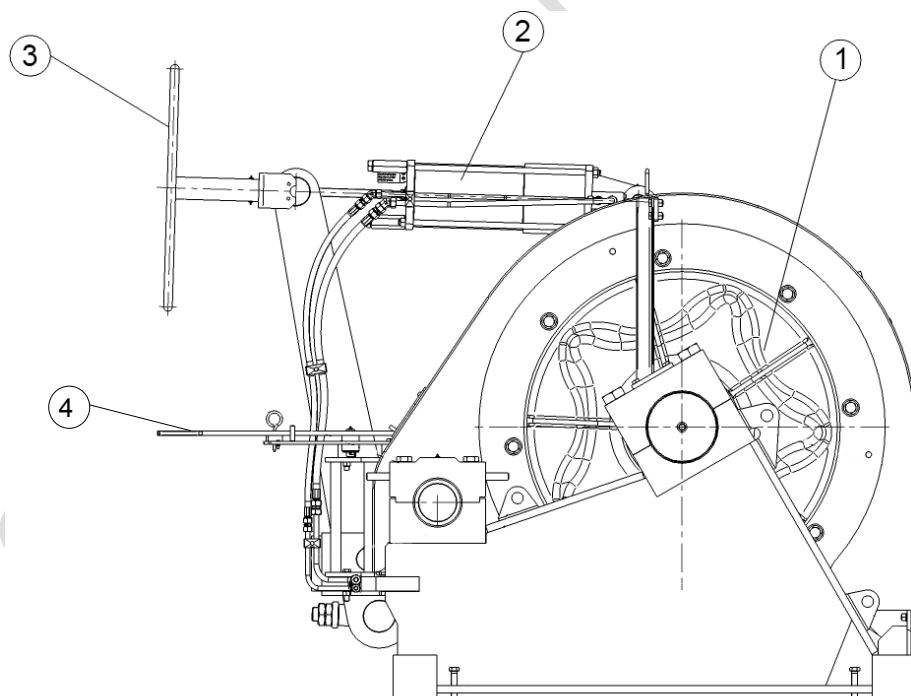
The required chain speed is automatically controlled by the speed limiter.

2.2 Failure of the Hydraulic Chain Wheel Brake or Speed Limiter

NOTICE

The reason for a failure of the hydraulic chain wheel brake may be a fault in the hydraulics or an electric fault. For troubleshooting of the possible failure reasons refer to the according User Manual.

In case of a failure of the hydraulic chain wheel brake the brake can still fully be operated by the brake handle (detail 3). By turning the brake handle clockwise the brake is closed, reducing the speed of the chain wheel.



1. Chain wheel

2. Hydraulic cylinder

3. Brake handle

4. Brake lever