

Lyndon Scaffolding plc

TOOLBOX TALK

Securpulley - the alternative gin wheel

1. **Reason for Tool Box Talk**

To provide user information on how the pulley should be used and maintained.

2. **Intended Audience**

Operators of the Securpulley.

3. **Type**

Mandatory Toolbox talk

4. **Record**

Toolbox talk recorded on training record form, completed copy to be forwarded to the SHEQ department in Birmingham for retention.

5. **Detail**

We are seeing clients banning the use of the traditional gin wheel and rope because they consider them to be "unsafe".

Some clients will allow the use of a braked gin wheel as they see this to be "safer" option.

The braked gin wheel is called a **Securpulley**.

It is a little more complicated than a traditional gin wheel, therefore anyone that is intending to use a Securpulley must be trained in its use.



The training includes the following:

- This toolbox talk.
- The contents of the operating and maintenance instructions.
- Practical exercise in rigging, use and inspection.

This toolbox talk is intended to give an overall view of the Securpulley and key operational requirements.

Specification

Safe working load	50 kgs
Maximum working height	40 metres
Rope diameter	18 or 20 mm

Before you use it

- Ensure that there is a lifting plan for use.
- Ensure pulley and rope has current test/thorough examination certificate.
- Ensure pulley and rope has been inspected within the last week.

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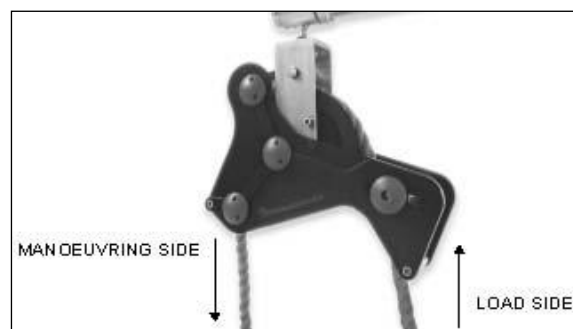
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- Undertake a pre-use check, to include:
 - Ensure that the correct rope bush is installed 18 mm for 18 mm rope, 20 mm for 20 mm rope.
 - Ensure the rope has been installed correctly in the pulley.
 - Ensure that there is no damage to the rope.
 - Ensure the counterweight is adjusted for the height to be lifted and diameter of rope to be used.
- Establish a suitable exclusion zone using barriers and signs.
- Rig the pulley as you would rig a traditional gin wheel. Only difference is for loads over 30 kgs the cantilever is reduced from 750 mm to 500 mm, however with the addition of a raker tube the 750 mm may be maintained. Any joints in the inside standard to be spliced. Double or swivel couplers either side of the mount ring to prevent the pulley moving along the transom, ensure that the fittings don't foul the swivel.
- Before use, carry out a function test:
 - Check the free rotation of the mounting bracket.
 - Check the free rotation of the sheave.
 - Check free rotation of the reeving roller.
 - Check the free movement of the side plates.
 - Check the free rotation of the supporting bracket onto the mounting bracket (if used).
 - Check the free rotation of the wedge pressing bush.
 - Finally attach load to the rope and lift just off the ground.
 - Release the rope and check that the brake quickly stops the load.
- Pulley must only be used if it has passed the function test.

In use

- Load is attached to the load side and operated from the manoeuvring side.
NOTE - if the rope is not vertical the brake will try to engage, which will damage the rope and affect the safety of the pulley.
- DO NOT STAND DIRECTLY UNDER THE LOAD BEING LIFTED.
- DO NOT LEAVE THE LOAD SUSPENDED ON THE BRAKE, it is possible for the Operator to "take a rest", by activating the brake, however the Operator must always maintain control of the rope and load.



Test, Inspection and Pre-use check requirements

Test	By supplier/manufacturer, certificate supplied on purchase, copies to SHEQ.
Pre-use check	By competent person, before each use.
Weekly inspection	By competent person, recorded inspection on LYN84.
12 monthly thorough examination	By Engineering Insurance Company, certificate copied to SHEQ.
Maintenance	As required, parts are replaceable.

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6. Discussion & Closeout
7. Enclosures
Manufacturer operating and maintenance instructions.

TRAINING RECORD



Type:	<input checked="" type="checkbox"/> Toolbox talk	<input type="checkbox"/> Training internal	<input type="checkbox"/> Training external	<input type="checkbox"/> Other	Page:	of
Location:					Record No:	
Subject:	Securpulley Use				Reference No:	TBT064-2017-01 Securpulley Use

Name (please PRINT)	Signature	Date

Training Feedback

Training Carried Out by:		Signature:	
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