User manual

Original

Lift Trolley

Dear Customer!

Thank you for choosing our product and congratulations with your new Lift Trolley.

In order for you to achieve the best possible results with your new Lift Trolley, we kindly ask you to study the following pages carefully, before using your new Lift Trolley.

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SAFETY REGULATIONS
The Lift Trolley may never be used for lifting persons.

RESPONSIBILITY

Mil-tek, it's dealers and agents cannot be held responsible for any adjustments or alterations not included in this manual.

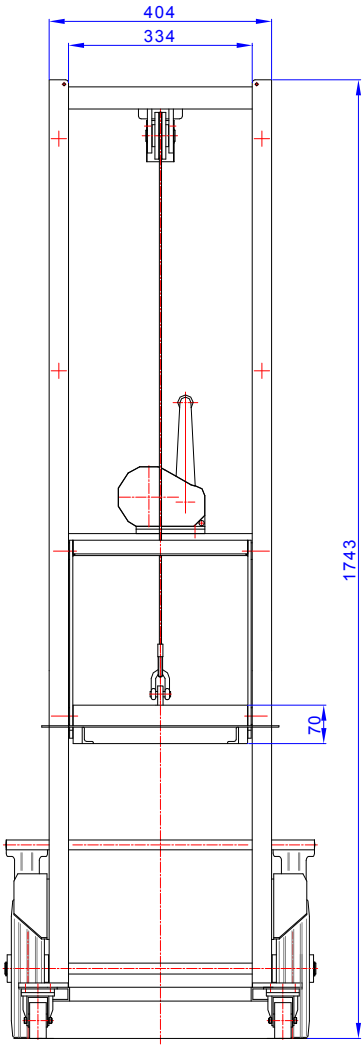
Under no circumstances may any modifications be made to this machine without the knowledge and written acceptance from the manufacturer. Modifications may result in injury and are therefore prohibited.

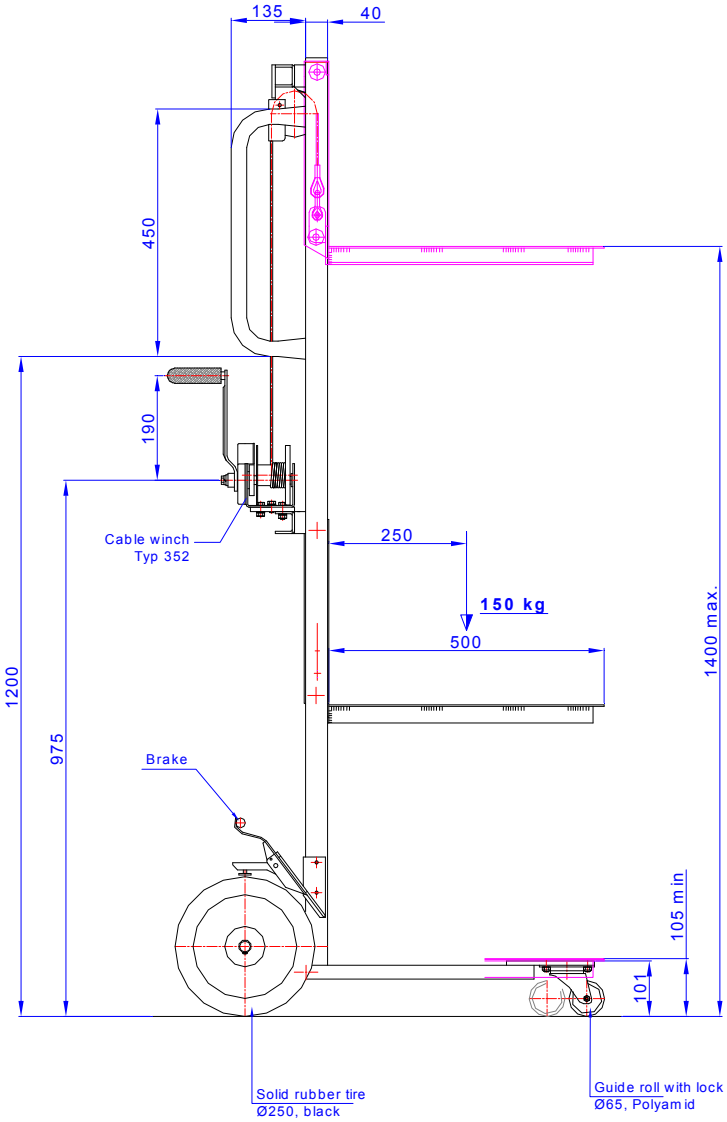
USER MANUAL IN ORIGINAL ENGLISH VERSION

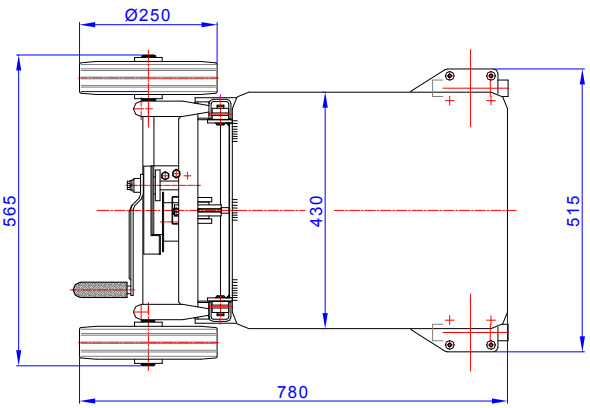
This manual is the original version. As a part of Mil-teks policy for keeping the environment, Mil-tek do not deliver the original version of the manual without any specific request from customer or authorities.
If the original version is needed for any purpose, please send a request per e-mail to info@miltek.dk or call Mil-tek Denmark at +45 9675 8000.

TECHNICAL DATA:

Height:	1743 mm
Width:	565 mm
Depth:	780 mm
Maximum lifting height:	1400 mm
Net. weight:	35 kg
Maximum lifting weight:	150 kg
Approved:	CE







EC-Declaration of Conformity

According to the spirit of the EC-engineering guideline 2006/42/EG

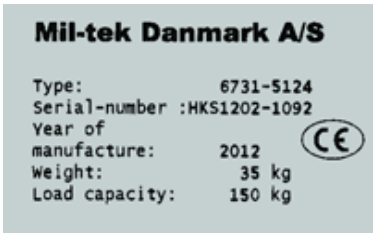
Manufacturer
Gebr. vom BRAUCKE GmbH & CO.KG
Telgenbrink 105 - 33739 Bielefeld
Email: transportgeraete@braucke.com
Internet: http://www.braucke.com

We hereby declare that the industrial truck as detailed below, owing to its type and style and in form of the model put into circulation by us, corresponds to the regulations of the EC-engineering guideline.

This declaration is no longer valid in case of a not agreed modification of the device.

High-lift truck with fork

Model :	6731-5124
Serial number :	HKS1202-1092
Year of construction :	2012



Relevant EC guidelines:	2006/42/EG	
Harmonized standards:	DIN EN 1757-1	03/2002
	DIN EN ISO 12100-1	04/2004
	DIN EN ISO 12100-2	04/2004

Date/signature

Bielefeld, 06th February 2012 _____

Position of signatory: (Gregor vom Braucke - Managing Director)

This document has been issued mechanically and is valid even without a handwritten signature.

1. General Remarks

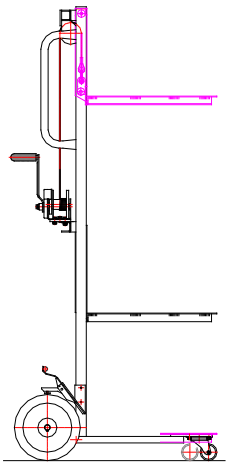
This machine was manufactured in conformity with the generally known rules of technology and security was thoroughly tested in the workshop before leaving the factory.
Before the machine is used for the first time, it shall be examined with regard to possible damage occurred during transportation.
The use of the device restricts to the specified use in a safeguarding perfect condition.
We absolutely take no liability for operating errors.
The above information is based on the data available at the print time of this document.
We reserve the right for technical alterations within the frame of the product development.

1.11 Basic Safety Instructions

The manager shall only allow trained personnel to operate the device.
Every operator shall be supplied with one copy of the accident prevention regulation BGVD 27 (industrial trucks).

2. Field of Application

The machine has been designed as a manually movable Lift Trolley and shall only by used in conformity with its purpose, which mean to lift, stack and process of non-palettized goods within the company.



2.1 Model No. 6731-5124

Model with platform lifting device and swivel castors in the paw arms for easily mowing of the goods.
As a standard, this model is equipped with a brake for both solid rubber wheels.
This device is for transportation, to lift and stack of non-palettized loads.

The load capacity is max. 150 kg, at a main weight focus distance of 250 mm.

The total lift height is 1400 mm.

2.2 Non confirm use of the device

It is not allowed to:

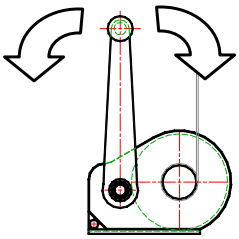
- Exceed the maximum permitted load (please refer to the technical data sheet, rating plate showing the load capacity).
- To carry persons.
- To work below the suspended load under the Lift Trolley.
- To use the machine as an elevator or for supporting means.
- The use of the trolley on ascending or descending ways.
- The use of the device by people who do not know the operating instructions for the device.
- The fixing of attachment to the device.
- Uneven disposition of the weight load into the device.
- Endanger people in the working area.
- To use the device as working platform.

3. Commissioning and Operation

The operator has to make sure that the machine is in operationally reliable condition.

3.1 Lifting/ lowing of loads/ weight load device

Lifting Loading



Lifting: Turn the hand crank clock wise.
Holding: Simply stop turning the hand crank and the load will be held in any position.
Lowing: Turn the hand crank anti clock wise to lower the load.
A throwback of the hand crank is prevented by the built–in automatic brake (weight pressure brake system).

3.2 How to move a load

With lifted load suspension device, the machine shall only be moved as far it is absolutely necessary. Elsewise only move the device, when the load is lowered to bottom position!

Tilt the truck by means of the sliding handles and move it in the same way as a trolley. Due to the rolls situated in the supporting arms it is possible to move the device in upright position towards work-benches, shelves, tables for the picking up or putting down loads only!

3.3 How to activate the brake on the trolley

The Lift Trolley is a standard equipped with a lock-type brake.

Fixing as well as loosening the brake results from actuating up and down the inner tube by foot.

4. Maintenance

The Lift trolley have been thoroughly tested before leaving the factory and is almost maintenance free.

The wire on the winch has to be regularly checked for wear and tear.
Death criterion according to DIN 15020:
For example pinched spots, breach of single wire cables.

Please replace the wire rope immediately after appearance of damage.

It is NOT allowed to use a device with a damaged wire rope.

The winch is lubricated by the manufacturer.
We recommend to lubricate the bearing bush of the drive shaft and the drum hub regularly.

The gear rim has to be oiled regularly!
The thread of the hand crank must also be greased at all time.

Attention:

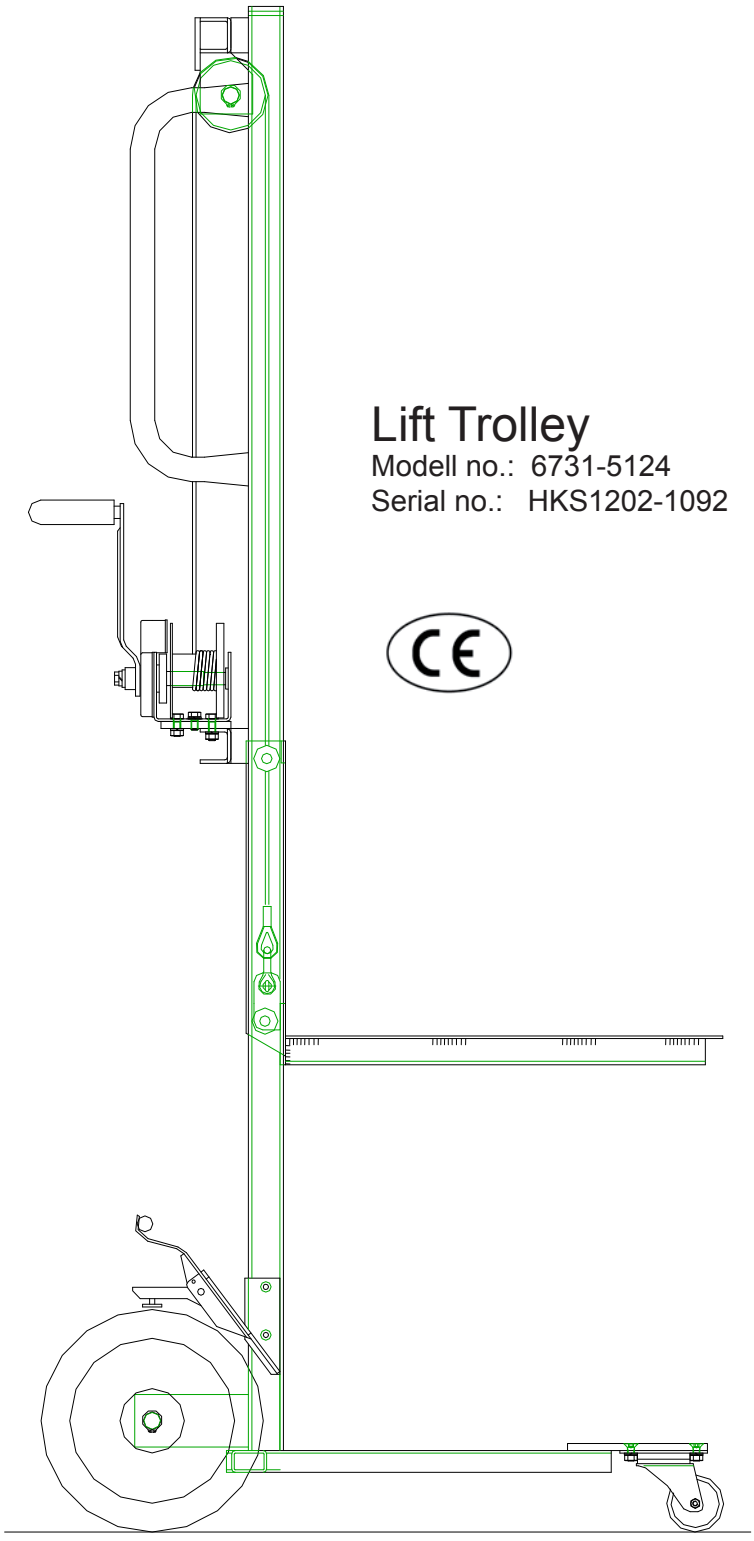
Please do not oil or lubricate the brake mechanism!

The hand crank has to be checked from time to time according to the operation conditions and the ambient circumstances in the work place, but at least once a year, through a competent person **(*)**

Please find further information in attachment AL-KO rope winch.

Only original spare parts shall be used for repairs

***(*) Qualified persons** are defined as being persons who possess sufficient knowledge in the field of winches and pulling and lifting devices and who are familiar with the governmental work protection, accident prevention regulations, guide lines and generally applied rules of technology (e.g. DIN Standards) to such an extent that they can identify the safe working conditions of winches and pulling and lifting devices.*



Lift Trolley

Modell no.: 6731-5124

Serial no.: HKS1202-1092

Please read the operating instructions before the use of the device

DETECTION AND ELIMINATION OF FAILURES

Kind of failure	Failure identification (possible defect)	Failure elimination
Trolley not/ only hardly movable	- Stopped brake	- Release the brake (see operation instruction paragraph 3.3)
Load will not be held in a lifted position	- Wrong winding up of the wire on the winch	- Remount the wire in the right way
	- A wom or defect winch brake	- **(*)** Check the brake unit and renew the worn or defect parts
	- Wet or oily brake disc	- **(*)** Clean or replace the brake discs
Weight pressure brake can not be released / Difficult lowering with and without load	- Brake disc mechanism/ brake disc brace or stuck hand crank	- **(*)** Release the brake through a light hit with palm on the hand crank in lowering direction without load! (Maybe try to lock the cog wheel until the hand crank gets slack. Please lubricate the hand crank thread)

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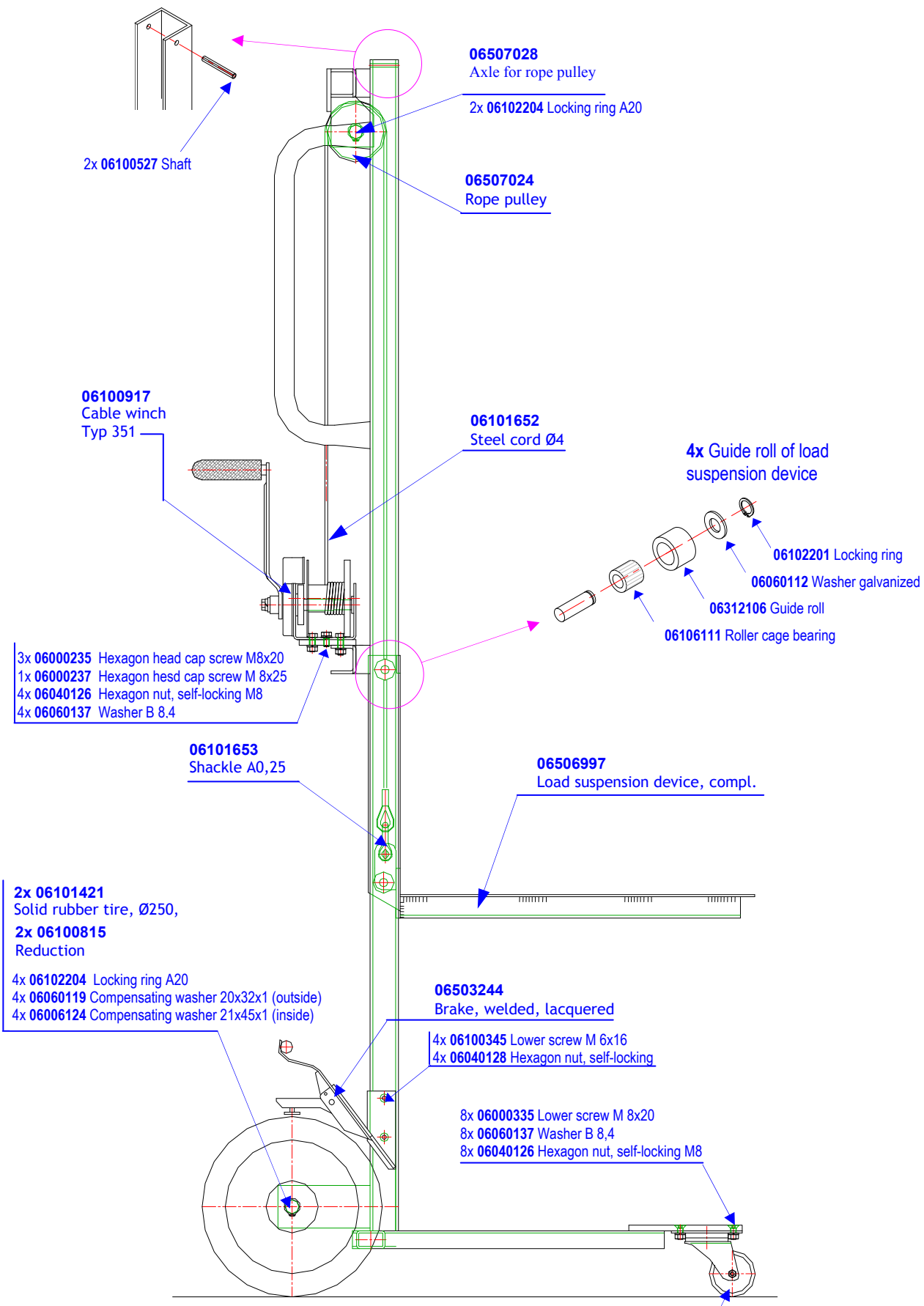
2x 06100527 Shaft
06507028
Axle for rope pulley
2x 06102204 Locking ring A20
06507024
Rope pulley
06100917
Cable winch
Typ 351
06101652
Steel cord Ø4
4x Guide roll of load suspension device
06102201 Locking ring
06060112 Washer galvanized
06312106 Guide roll
06106111 Roller cage bearing
3x 06000235 Hexagon head cap screw M8x20
1x 06000237 Hexagon hesd cap screw M 8x25
4x 06040126 Hexagon nut, self-locking M8
4x 06060137 Washer B 8.4
06101653
Shackle A0,25
06506997
Load suspension device, compl.
2x 06101421
Solid rubber tire, Ø250,
2x 06100815
Reduction
4x 06102204 Locking ring A20
4x 06060119 Compensating washer 20x32x1 (outside)
4x 06006124 Compensating washer 21x45x1 (inside)
06503244
Brake, welded, lacquered
4x 06100345 Lower screw M 6x16
4x 06040128 Hexagon nut, self-locking
8x 06000335 Lower screw M 8x20
8x 06060137 Washer B 8,4
8x 06040126 Hexagon nut, self-locking M8
2x 06101641
Guide roll with lock Ø65,
Polyamid