

# Motorcycle Lifting Platform “JMP Lux 300 EH”

For motorcycles and scooters up to 300 kg total weight



**Erforderliche Parameter fehlen oder sind falsch.**

- EN: Motorcycle Lifting Platform “JMP Lux 300 EH”
- DK: Motorcykle Lift “JMP Lux 300 EH”
- PL: Podośnik motocyklowy “JMP Lux 300 EH”
- ES: Plataforma moto “JMP Lux 300 EH”
- IT: Ponte sollevatore per motociclette “JMP Lux 300 EH”

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JM-No. 674 00 91

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# Original operating instructions

## 1. Summary of safety notices:

- 1.1. The instructions must be read prior to use.
- 1.2. The lifting platform may only be operated by duly authorised persons.
- 1.3. Make sure that all electrical wiring is undamaged at all times, in order to prevent an electric shock.
- 1.4. Make sure that no body parts can become pinched during lifting or lowering of the lifting platform.
- 1.5. In the event of any problem, immediately stop work on the lifting platform and contact the Matthies Workshop Service or your sales partner.
- 1.6. The lifting platform must be firmly and stably installed on an even surface.
- 1.7. The work area of the lifting platform must be clean and clear.
- 1.8. During lifting and lowering of the lifting platform, it must be ensured that the vehicle is stable and securely fastened. This may take place either with optional wheel support, an optional assembly stand or via optional lashing. Raise the platform slightly and make sure that the vehicle stands correctly and safely.
- 1.9. When lifting and lowering the lifting platform, the operator must maintain visual contact with the lifting platform.
- 1.10. People may not loiter on the lifting platform at any time.

## 2. Important information for your safety



Prior to commissioning the “JMP Lux 300 EH” lifting platform, please read through this operation manual carefully and follow the instructions that it contains. If you have any questions, please contact Matthies Workshop Service.



Caution: voltage. To be installed only by a specialist.

## 3. Scope of delivery

1x lifting platform “JMP Lux 300 EH”, preassembled.

## 4. Technical Data

Minimum height:	19 cm
Maximum height:	115 cm
Maximum Carrying Weight:	300 kg
Dead Weight approx.:	200 kg
Full lift:	30 sec
Full lowering:	30 sec
Voltage supply	230V a.c., 50 Hz
Power consumption:	0.75 KW
Work area:	2000 x 650 mm

## 5. Scope of use



The following uses are permitted:

- 5.1. The lifting platform may only be used to lift motorcycles, scooters and other cycles up to a weight of 300 kg.
- 5.2. In these instances, the lifting platform may only be used in dry interior areas.
- 5.3. The lifting platform may only be lifted up short-term to perform maintenance or repairs.
- 5.4. The lifting platform may only be operated by persons who have received intensive training in the operation and safety instructions of the lifting platform.



The following uses are not permitted:

- 5.5. Outdoor use.
- 5.6. Lifting of vehicles or other devices which either exceed the permissible carrying weight of 300 kg or have no firm footing as a result of the existing dimensions.
- 5.7. Entering the lifting platform.
- 5.8. Lifting of persons.

## 6. Installation

- 6.1. The installation and commissioning of the “JMP Lux 300 EH” lifting platform may only be performed by qualified persons.
- 6.2. The “JMP Lux 300 EH” lifting platform may only be installed and operated in dry interiors. A flat surface of at least 250 x 200 cm is required for installation. In order to guarantee a secure footing for the lifting platform and the mechanic working on it, the floor should be even. Otherwise, the platform must be fixed to the ground with ground anchors.
- 6.3. It is expressly forbidden to use the lifting platform in the following areas:
  - a) Areas with an explosion or fire risk
  - b) Areas which are wet or humid
  - c) Exterior areas
- 6.4. Electrical connections: An electrical connection of 230V/16A/50 Hz is necessary for the “JMP Lux 300 EH” lifting platform. The “JMP Lux 300 EH” lifting platform is delivered to you in a preassembled state. Please remove the lifting platform from the shipping container and perform a thorough visual inspection of the lifting platform in order to detect any transport damage. Please also check all electrical and hydraulic connections for damage.
- 6.5. Electrical connections may only be installed by a qualified engineer. During installation, it is absolutely necessary to ensure a secure connection which is protected against mechanical burdens.

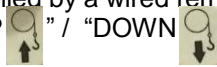
## 7. Operation

The lifting platform may only be operated with knowledge of the full content of the user manual. Therefore, please make absolutely sure that this manual is read in full before the lifting platform is first commissioned!

The lifting platform may only be operated by duly qualified persons. Please note that any misuse can lead to serious accidents!

### 7.1. Raising / lowering

The lifting platform is controlled by a wired remote control system. The lifting platform will be raised / lowered for the duration that the “UP” / “DOWN” button is pressed,.



As soon as the respective endpoint of the lifting platform has been reached, the control system will be automatically switched off.

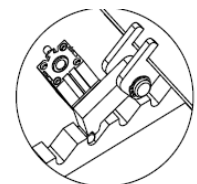
### 7.2. Emergency switch

The lifting / lowering of the lifting platform can be interrupted with the emergency switch at any time. For this, the emergency switch must be pressed down. To unlock it again, the switch must be turned to the right.



### 7.3. Safety latch

In the unlikely event of failure of the hydraulic unit, the lifting platform must be equipped with a safety latch which, first and foremost, protects against an uncontrolled lowering of the platform.



## 8. Maintenance and safety

Regular maintenance of the lifting platform is necessary for safe operation. Please perform a full inspection of the lifting platform at least every 24 months.

### 8.1. Daily inspection

- Regularly check the smooth and correct function of the safety catch:
  - The safety catch must lock automatically and smoothly during the raising of the lifting platform.
  - The safety catch must reactivate independently upon complete shutdown of the lifting platform.
  - When fully raising the ramp, the pump must be electrically deactivated via the built-in limit switches (see spare parts 33 and 34 under Point 10).
- Clean lifting platform
- Check limit switch (see spare parts 33 and 34 under Point 10)
- Check for oil leakage

If any of these safety measures should not function, or if you are not sure, please immediately contact the Matthias Workshop Services / your sales partner.

### 8.2. Weekly check

- Lubricate bearings and hinges
- Check the oil status

### 8.3. Monthly check

- Check oil lines for leakage and damage
- Check all movable parts

## 9. Fault diagnosis

The lifting platform cannot be lifted any more!

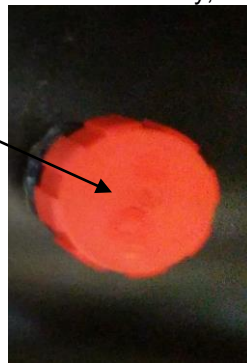
1. Has the additional weight of 300 kg been exceeded?
2. Has the lifting platform been correctly connected? Is there a supply voltage? Is it possible that the fuse has blown?
3. Has the circuit breaker of the lifting platform blown? Make sure that the lifting platform is separated from the voltage network; check the fuses
4. Is there sufficient hydraulic fluid available? Make sure that the lifting platform is separated from the voltage network. Raise the platform manually to the highest possible position. Remove the plug from the oil tank. This must be almost full. If necessary, add HLP 10, JM-No. 558.9.70.

The lifting platform cannot be lowered any more!

1. Check if the safety catch is released and if this allows the lifting platform to be lowered.
2. Is the lifting platform mechanically blocked? Check the lifting platform for mechanical obstructions
3. Is there sufficient hydraulic fluid available? Make sure that the lifting platform is separated from the voltage network. Raise the platform manually to the highest possible position. Remove the plug from the oil tank. This must be almost full. If necessary, add HLP 10, JM-No. 558.9.70.



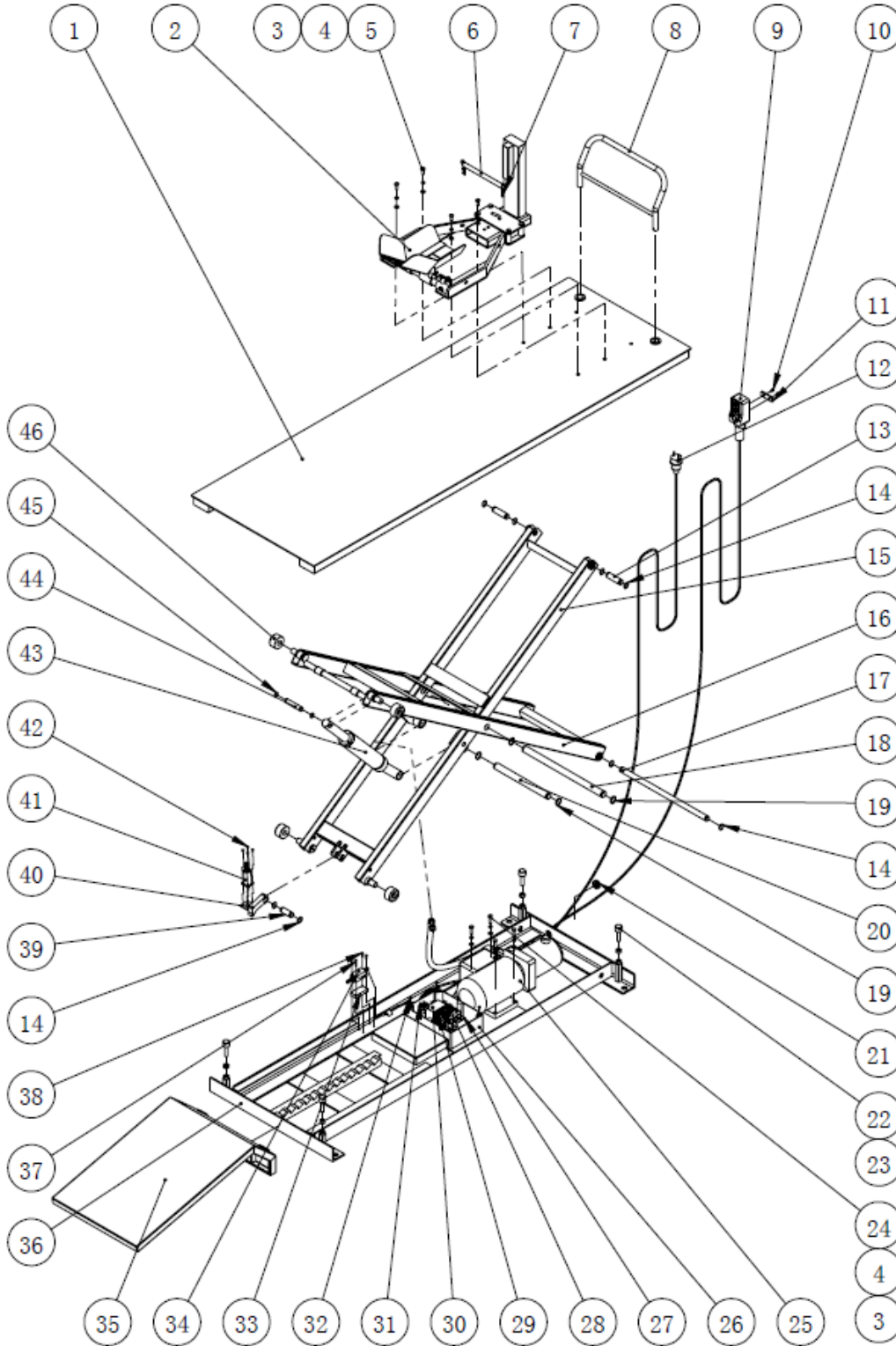
Stoppers



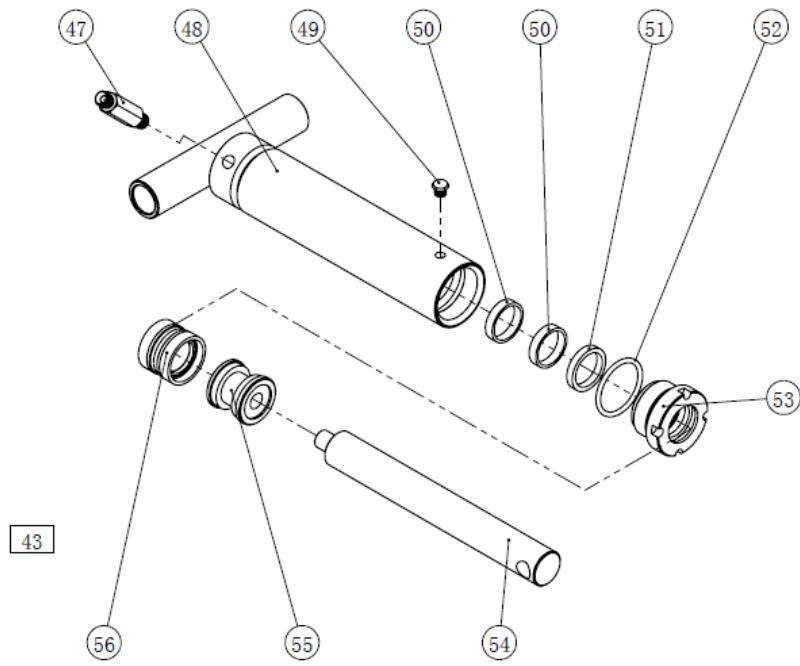
Should these steps not prove successful, please contact the Matthies Workshop Service or your sales partner.

## 10. Spare parts

Maintenance and repairs to the "JMP Lux 300 EH" lifting platform may only be performed by qualified technicians. When replacing parts, it is necessary to ensure that the only spare parts used are ones which fully match the original components in terms of quality and design. If necessary, please contact the Matthies Workshop Service or your sales partner to discuss the further steps to be taken.







### Lifting platforms spare parts

If you have any questions, please contact the Matthies Workshop Service.

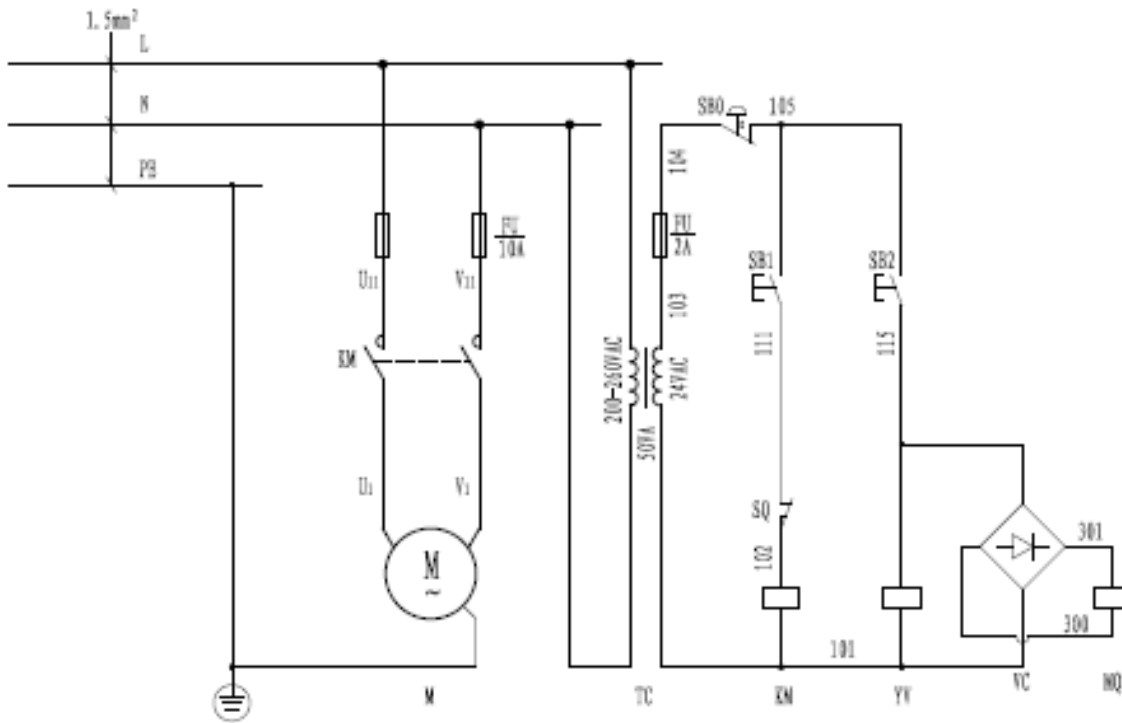
# 11. Schematics

Network connection  
Magnet shutdown

Pump

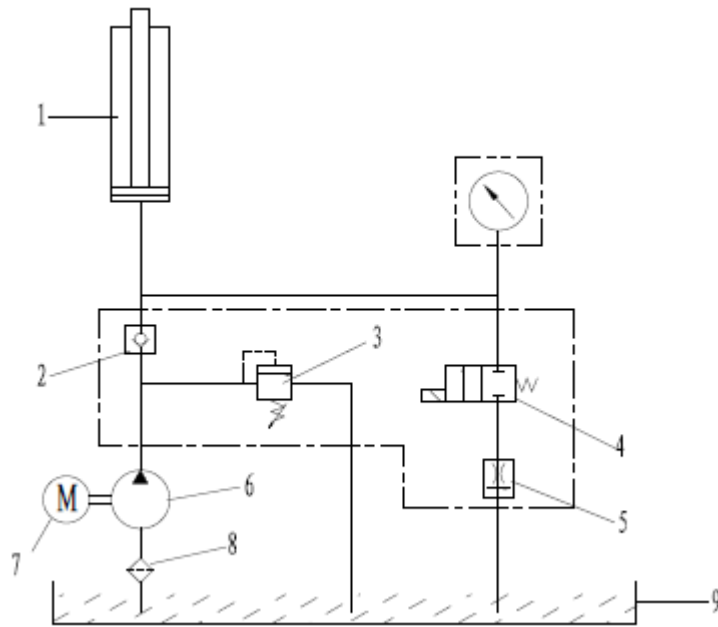
Transformer

Pump control



SB0	Pushbutton for emergency shutdown	FU	Fuse
SB1	Pushbutton for lifting	KM	Network connection
SB 2	Pushbutton for sinking	YV	Pressure relief valve
SQ	Upper limit switch	TC	Transformer
VC	AC/DC converter	MQ	Solenoid

## 12. Hydraulics



1	Cylinder	6	Pump
2	Check valve	7	Pump motor
3	Overflow valve	8	Filter
4	Lowering valve	9	Oil tank
5	Throttle valve		

## EG Konformitätserklärung (EC Declaration of Conformity)

Hiermit erklären wir,  
We hereby  
declare,

Johannes J. Matthies GmbH & Co. KG  
Hammerbrookstr. 97, Hamburg, Germany

dass die nachfolgend bezeichnete Maschine aufgrund ihrer Konzipierung und Bauart sowie in der von uns in Verkehr gebrachten Ausführung den einschlägigen grundlegenden Sicherheits- und Gesundheitsanforderungen der EG-Richtlinien entspricht.

that the following machine, as brought into circulation by us, complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, ~~as brought into circulation by us~~.

**Bei einer nicht mit uns abgestimmten Änderung der Maschine verliert diese Erklärung ihre Gültigkeit.**

In case of alteration of the machine, ~~not agreed upon by us~~, this declaration will lose its validity.

Bezeichnung der Maschine: Motorrad Hebebühne  
Machine Description: Motorcycle ~~Bike Lift~~ Lifting Platform

Maschinentyp: JMP Lux 300 EH  
Machine Type:

Handelsmarke: JMP  
Trade name

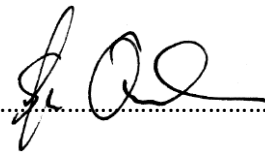
Maschinen-Nr.:  
Serial Number

Einschlägige EG-Richtlinien: EG-Maschinenrichtlinie 2006/42/EC EC Machinery Directive: 2006/42/EC  
Applicable EC Directives: EG-Niederspannungsrichtlinie 2006/95/EG EC- Low Vvoltage Directive 2006/95/EC

Angewandte harmonisierte Normen: EN 1493:2010  
EN 60204-1:2006/A1:2009  
Applicable Harmonized Standards:

Herstellerunterschrift/Datum:  
Authorized Signature/Date:

05.01.2016



Angaben zum Unterzeichner:  
Title of Signatory:  
Dokumentationsbevollmächtigter Stefan Onken (Product Manager)  
Documentation representative  
Hammerbrookstr. 97, 20097 Hamburg

Diese Konformitätserklärung wurde vom TÜV Product Service vorbereitet. Ein Muster dieses Produktes hat die Anforderungen der Konformitätsprüfung erfüllt. Diese Prüfung wurde beim TÜV Product Service aufgrund der zutreffenden Vorschriften der genannten Richtlinien durchgeführt.

This Declaration of Conformity has been prepared by TÜV Product Service. A specimen of this product meets the requirements of conformity test carried out by TÜV Product Service according with the applicable standards under the statementioned directives.

TÜV Product Service Prüfbericht Nr./TÜV Product Service Report Reference No.: 70.520.15.124.01-00  
Date/Datum Jan. 18, 2016  
Revision 1

**Erforderliche Parameter fehlen oder sind falsch.**