



JMP Lux 700 EH Motorcycle Lift

For motorcycles and scooters up to a total weight of 700 kg

Lift status: 03.01.2017

Status of operating instructions: 03.01.2017

Revision number: 1



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- EN:** JMP Lux 700 EH motorcycle lift
DK: Motorcykle Lift "JMP Lux 700 EH"
PL: Podošnik motocyklowy "JMP Lux 700 EH"
ES: Plataforma moto "JMP Lux 700 EH"
IT: Ponte sollevatore per motociclette "JMP Lux 700 EH"

Contents:

- 1. Summary of safety instructions:1
- 2. Important safety information1
- 3. Scope of delivery.....1
- 4. Technical data1
- 5. Area of use2
- 6. Installation3
- 7. Operation3
- 8. Maintenance and safety4
- 9. Fault diagnosis5
- 10. Technical drawing6
- 11. Spare parts.....7
- 12. Circuit diagrams9
- 13. Hydraulics10
- 14. EC Declaration of Conformity.....11

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Original operating instructions

1. Summary of safety instructions:

- 1.1. Read the instructions before use.
- 1.2. The motorcycle lift should only be operated by personnel authorised for this purpose.
- 1.3. Ensure that all electric cables are undamaged at all times to avoid electric shock.
- 1.4. Ensure that no body parts can be caught during raising and lowering of the motorcycle lift.
- 1.5. In the event of problems, cease all work on the lift immediately and contact the Matthies workshop service or your sales partner.
- 1.6. Install the motorcycle lift on a level surface, ensuring it is secured and stable.
- 1.7. Keep the work area of the lift clean and free of objects.
- 1.8. Ensure that the vehicle is reliably and stably secured when raising and lowering the motorcycle lift. This can either be achieved with an optional wheel holder, an optional mounting stand or an optional lashing strap. Raise the platform briefly and ensure that the vehicle is standing correctly and safely.
- 1.9. The operator should have visual contact with the motorcycle lift during raising and lowering of the platform.
- 1.10. Personnel should never be on the motorcycle lift platform.

2. Important safety information



Please read these operating instructions carefully prior to commissioning the JMP Lux 700 EH motorcycle lift and follow the instructions in this manual. In the event of questions, please contact the Matthies workshop service.



Caution: electrical voltage. Installation should only be realised by a specialised firm.

3. Scope of delivery

1 x JMP Lux 700 EH motorcycle lift, pre-assembled

4. Technical data

Minimum height:	19 cm
Maximum height:	130 cm
Maximum carrying weight:	700 kg
Approx. dead weight:	340 kg
Complete raising:	32 sec
Complete lowering:	38 sec
Supply voltage:	230V a.c., 50 Hz
Power input:	1.1 KW
Work area:	2500 x 850 mm
Gate measurement:	600 x 360 mm
Colour:	grey RAL 7016 and red RAL 2004

5. Area of use

 The following areas of use are permitted:

- 5.1. The motorcycle lift should only be used for lifting motorcycles, scooters and other two-wheeled vehicles up to a weight of 700 kg.
- 5.2. The motorcycle lift should only be used for this purpose in dry indoor rooms.
- 5.3. The motorcycle lift should only be used for brief lifting to realise maintenance or repair.
- 5.4. The motorcycle lift should only be operated by personnel who have received intensive instruction in lift operation and the safety instructions.

 The following areas of use are not permitted:

- 5.5. Use outdoors.
- 5.6. Lifting of vehicles or other equipment which either exceed the permissible carrying weight of
- 5.7. 700 kg or, due to their dimensions, are unstable when standing.
- 5.8. Mounting the motorcycle lift platform.
- 5.9. Lifting persons.

6. Installation

- 6.1. The JMP Lux 700 EH motorcycle lift should only be installed and commissioned by qualified personnel.
- 6.2. The JMP Lux 700 EH motorcycle lift should only be installed and operated in dry indoor rooms. A level surface area of at least 250 x 250 is required for installation. The floor should be level to ensure the stability of the motorcycle lift and the mechanic working on it. Where this is not the case, the motorcycle lift should be anchored with dowels in the floor.
- 6.3. Use of the motorcycle lift in the following spaces is expressly forbidden:
 - a) Rooms where there is a risk of explosion or fire
 - b) Rooms that are wet or damp
 - c) Outdoor areas
- 6.4. Electrical connections: An electric connection of 230V/16A/50 is required for the JMP Lux 700 EH motorcycle lift. The JMP Lux 700 EH motorcycle lift is delivered to you completely assembled. Please remove the motorcycle lift from the shipping container and conduct a thorough visual inspection of the lift to identify any transportation damage. In addition, check all electric and hydraulic lines for damage.
- 6.5. Electrical connection should only be realised by a qualified electrician. During installation, it is imperative to ensure that the supply cable is protected against mechanical loading.

7. Operation

The motorcycle lift should only be operated in accordance with the complete operating instructions. Therefore, please ensure that you read this manual completely prior to initial commissioning!

The motorcycle lift should only be operated by qualified personnel. Please note that incorrect operation can lead to severe accidents!

7.1. Raising / Lowering

The motorcycle lift is operated via a remote control connected by cable. The motorcycle lift is raised or lowered as long as the UP  or DOWN  button is pressed.

The control deactivates automatically as soon as the respective limit point of the lift has been reached.

7.2. Emergency stop button

Raising and lowering of the motorcycle lift can be interrupted at any time with the aid of the emergency stop button. The emergency stop button should be depressed for this purpose. The button should be turned to the right to release it again.



7.3. Safety catch

In the unlikely event of the hydraulic unit failing, a mechanical safety catch prevents

The lift platform can be raised at any time, and the safety catch is lifted automatically.

To enable intended lowering of the lift platform, the safety lever should first be unlocked to raise the safety catch. Lowering of the work platform can be achieved without difficulty in this state.

The safety catch is automatically locked again if the work platform is lowered completely.



8. Maintenance and safety

Regular maintenance of the motorcycle lift is necessary to ensure safe operation. Please ensure that the motorcycle lift undergoes a complete inspection every 24 months at the latest.

8.1. Daily inspection

- Check regularly to ensure that the safety catch functions smoothly and correctly:
 - The safety catch must engage automatically and smoothly during raising of the motorcycle lift.
 - The safety catch must activate automatically again when the motorcycle lift is lowered completely.
 - When the ramp is raised completely, the pump is deactivated electrically by the integrated limit switch (see spare part 59 under 11).
- Clean the motorcycle lift
- Check the limit switch (see spare part 59 under 11)
- Check for oil leaks

In the event of one of these safety measures not functioning or if you are unsure, please contact the Matthies workshop service or your sales partner immediately.

8.2. Weekly inspection

- Lubrication of bearings and hinges
- Check the oil level

8.3. Monthly inspection

- Check the oil lines for leaks and damage
- Check all moving parts

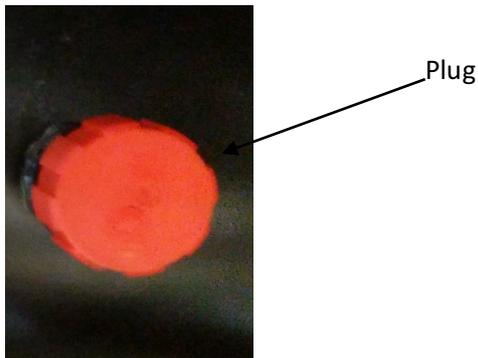
9. Fault diagnosis

The motorcycle lift can no longer be raised!

1. Has the additional weight of 700 kg been exceeded?
2. Is the lift connected correctly? Has supply voltage been applied? Has the fuse possibly been triggered?
3. Has the motorcycle lift circuit breaker been triggered? Ensure that the motorcycle lift is disconnected from the mains power and check the fuses
4. Is adequate hydraulic fluid available? Ensure that the motorcycle lift is disconnected from the mains power. Remove the cover on the front section of the lift. Remove the plug from the oil tank. This should be almost full. Top up if necessary with HLP 10, JM No. 558.49.70.

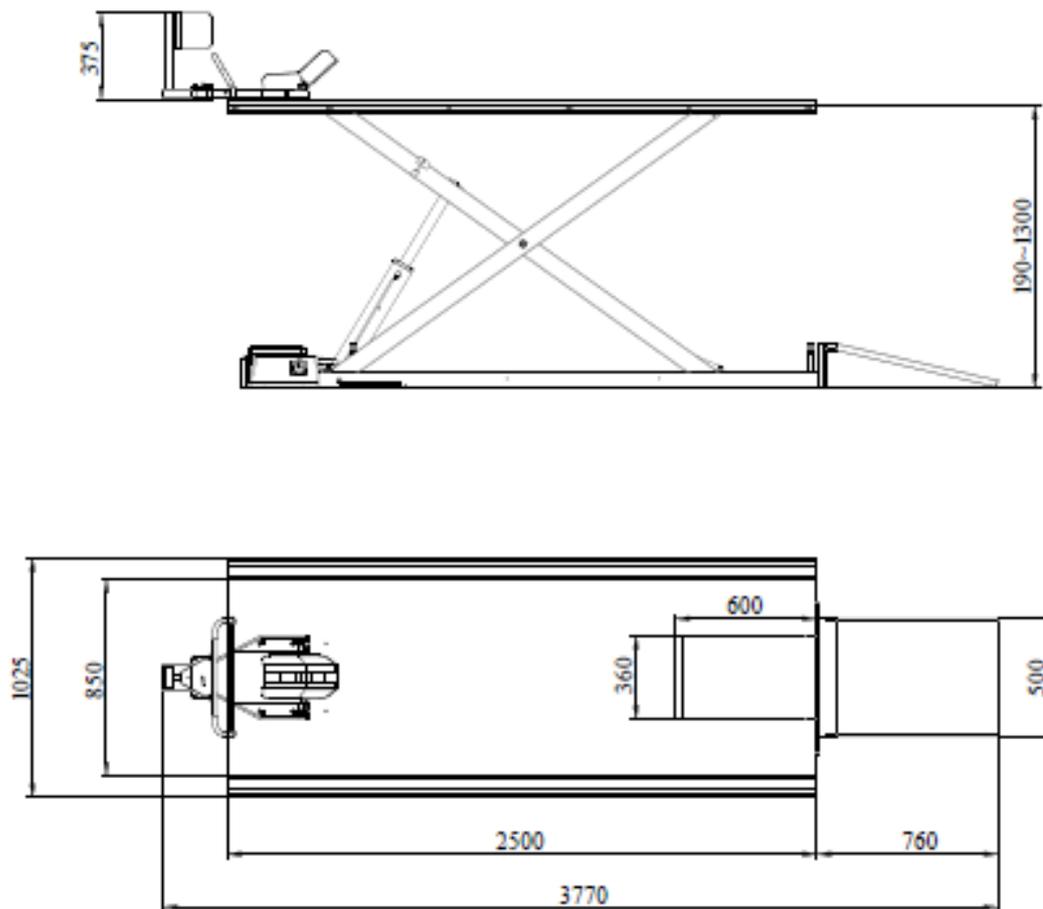
The motorcycle lift can no longer be lowered!

1. Check whether the safety catch is unlocked and permits lowering of the motorcycle lift.
2. Is the motorcycle lift mechanically blocked? Check the motorcycle lift for mechanical obstacles
3. Is adequate hydraulic fluid available? Ensure that the motorcycle lift is disconnected from the mains power. Top up if necessary with HLP 10, JM No. 558.49.70.



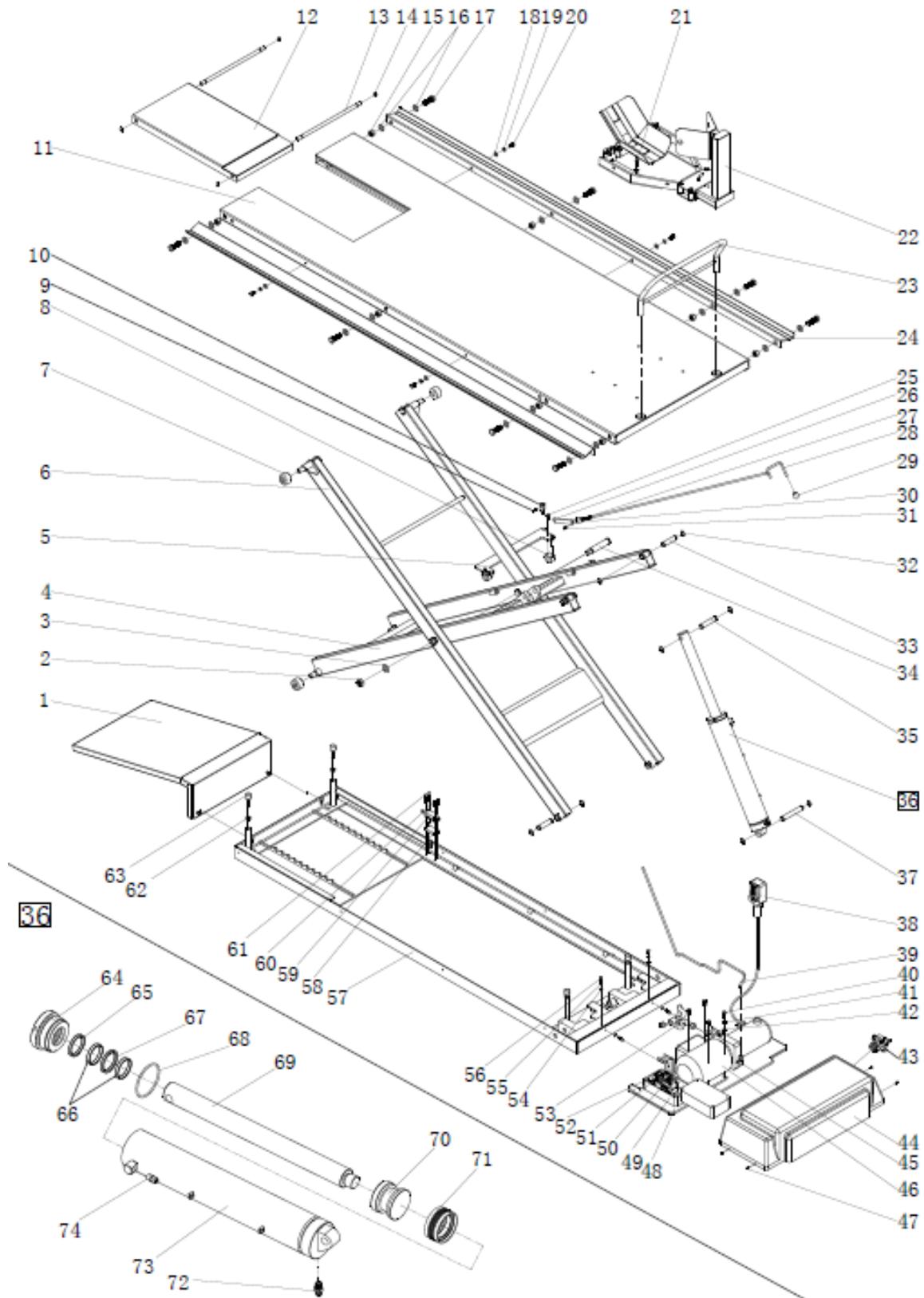
Please contact the Matthies workshop service or your sales partner if these steps are not successful.

10. Technical drawing



11. Spare parts

Maintenance and repair of the JMP Lux 700 EH motorcycle lift should only be realised by qualified technicians. When replacing parts, ensure that only spare parts are used that correspond completely with the original components in terms of quality and design. Please contact the Matthies workshop service or your sales partner if necessary to discuss further measures.



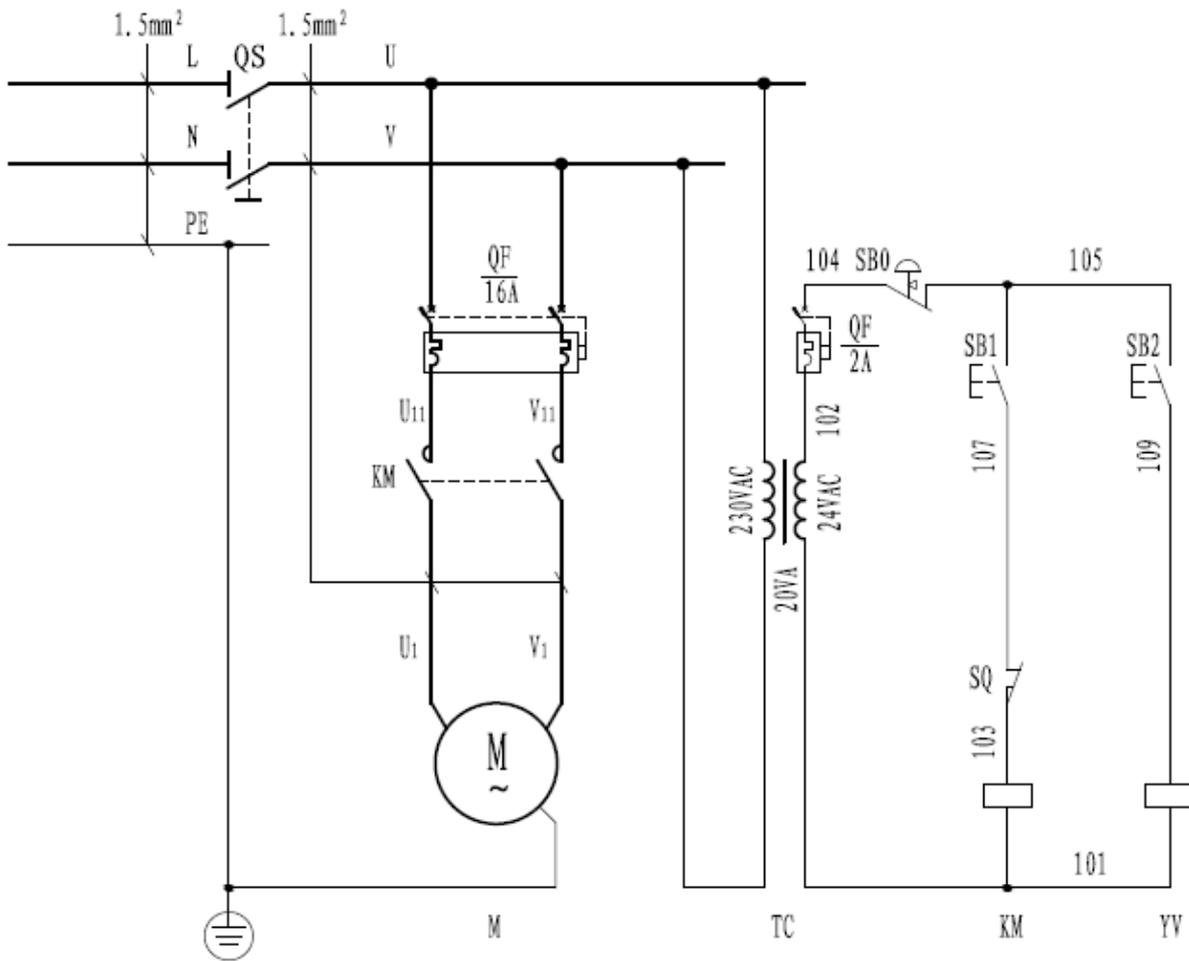
No.	JM No.	Designation
7	656 00 40	Bush
12	656 00 38	Gate
13	656 00 39	Gate bush
22	656 00 36	Wheel holder, complete
23	656 00 34	Bow
24	652 07 00	Tool tray
28	652 02 87	Unlocking rod
29	656 00 33	Safety lever knob
33	656 00 29	Joint pin
34	656 00 32	Axle
35	652 07 01	Cylinder pin
36	652 07 02	Hydraulic cylinder
37	652 07 03	Cylinder pin
38	656 00 44	Remote control
43	674 00 42	Main switch
46	652 07 05	Hydraulic unit, complete
51	652 40 61	Contactactor
53	652 02 29	Hydraulic hose
59	656 00 41	Limit switch
63	652 02 94	Rubber buffer

Motorcycle lift spare parts

Please contact the Matthies workshop service if you have any questions.

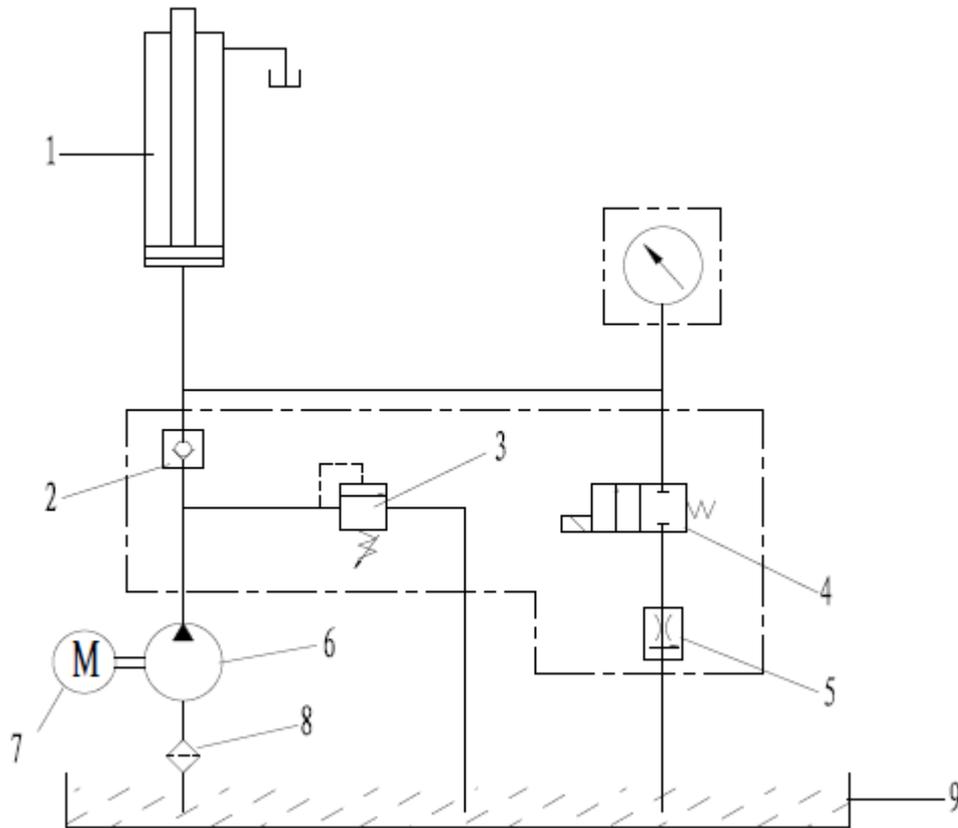
12. Circuit diagrams

Mains connection Emergency stop Pump Transformer Pump control Magnet shutdown



SB0	Pushbutton for emergency stop	QF	Fuse
SB1	Pushbutton for raising	KM	Mains connection
SB 2	Pushbutton for lowering	YV	Pressure relief valve
SQ	Upper limit deactivation	TC	Transformer
QS	Main switch		

13. Hydraulics



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



Product Service

Attestation of Conformity

No. N8MA 17 03 84064 012

Holder of Certificate: Johannes J. Matthies GmbH & Co. KG
Hammerbrookstr. 97
20097 Hamburg
GERMANY

Product: Platforms for lifting vehicles
Motorcycle bike lift

Model(s): JMP Lux 700 EH

Parameters:

Rated voltage:	230V AC
Rated frequency:	50Hz
Rated power:	1.1kW
Max. load:	700kg

Remark:
This certificate is only valid in combination with the mandatory Certificate for Annex IV Machinery concerning EU Machinery Directive 2006/42/EC.

Tested according to: EN 1493:2010
EN 60204-1:2006/A1:2009

This Attestation of Conformity confirms that the listed machine complies with the essential electrical safety requirements covered by the directive 2006/42/EC on machinery. These are equivalent to the applying essential protection requirements applicable at the time of issuance as set out in Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It is issued on a voluntary basis and refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 705201610303-00

Date, 2017-04-27


(Zhisong Chen)



After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

Page 1 of 1



Product Service

EC-Type Examination Certificate

No. M6A 17 03 84064 013

Holder of Certificate: **Johannes J. Matthies GmbH & Co. KG**
Hammerbrookstr. 97
20097 Hamburg
GERMANY

Product: **Platforms for lifting vehicles
Motorcycle bike lift**

Model(s): **JMP Lux 700 EH**

Parameters:

Rated voltage:	230V AC
Rated frequency:	50Hz
Rated power:	1.1kW
Max. load:	700kg

This EC Type Examination Certificate is issued according to Article 12(3) b or 12(4) a of Council Directive 2006/42/EC relating to machinery. It confirms that the listed Annex-IV equipment complies with the principal protection requirements of the directive. It refers only to the sample submitted to TÜV SÜD Product Service GmbH for testing and certification. See also notes overleaf.

Test report no.: 705201610303-00

Valid until: 2022-04-26

Date, 2017-04-27

(Zhisong Chen)



TÜV SÜD Product Service GmbH is Notified Body according to Council Directive 2006/42/EC relating to machinery, notified by publication in the Official Journal of the EC with identification No. 0123.

Page 1 of 1