



Instruction Manual

Panther Vario Jib



Introduction

Congratulations to your decision to buy or rent a **PANTHER Vario Jib**! We are very pleased that you have chosen our product, which combines state-of-the-art technology as well as the experience of many years in manufacturing camera cranes and dollies.

High-quality material and sound know-how, as well as a clever concept enable your **PANTHER Vario Jib** to do a professional job, which you will really enjoy when doing your responsible work at the set.

Your new **PANTHER Vario Jib** is a high-quality tool, which enables the creative camera man to do an excellent job – fast and easy – with fantastic shots and camera drives.

The **PANTHER Vario Jib** is a product that has been created and built by experts for experts – to satisfy the high demands of every grip and camera man.

We hope that you will have a lot of pleasure with your **PANTHER Vario Jib**. In order to guarantee the highest security and reliability in our product at the set, please study our instruction manual very carefully!

All the best
Panther GmbH

General instructions

Only competent persons are allowed to work with the PANTHER Vario Jib. Panther GmbH offers training work shops which will enable the participants to work with the Panther Vario Jib. The participants will receive a certificate at the end of this seminar. For more information regarding the actual dates or to book, please contact +49-89-61390001.

Repairs should only be carried out by the manufacturer or persons, who received a special training. Panther GmbH offers service seminars, which can be held according to your desires. Should you be interested, please contact +49-89-61390030 (Panther-Service).

The PANTHER Vario Jib may only be assembled according to this operating instruction.

The instruction manual has to be studied and understood completely.

The PANTHER Vario Jib can only be assembled according to the assembling versions shown in this operating instruction.

The vertical and horizontal swiveling area must be kept free. The safety zone of $\geq 0,5$ m must be kept free in all directions. Please look out for possible pinching dangers during assembly and operation.

When turning and rotating the Jibarm and during curve drives, centrifugal forces can appear which can endanger the standing stability when added.

For safety reasons it is obligatory that the Vario Jib stands/drives on absolutely hard, stable and inflexible ground, which is completely leveled. Please pay attention that no hard or loose objects can get under the wheels, so that the standing and driving stability of the Vario Jib could be endangered. Example: Cable in the studio. This also applies when working with tracks.

Please do not exceed the maximum payload. Please only use the maximum number of weights allowed. The use of additional weights, such as sand bags, is not allowed.

Please check the function, damages and missing parts of the Vario Jib every day. Damaged or missing components have to be replaced by new ones immediately.

After shooting, especially after use under dirty, dusty, sandy, humid and salty conditions the Vario Jib has to be thoroughly cleaned and serviced.

Stop working with the Vario Jib immediately, even if only a small part is damaged or not mounted the correct way.

Do only use original PANTHER accessories and spare parts.

The Vario Jib and accessories



Vario Jib



Multi Rig



High Low Rig



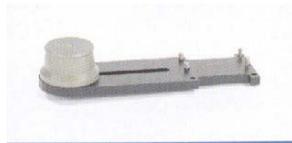
Jib Glider



Cable



Weights



Offset Rig



Multi Rig Adapter



Extension



A-Round Kit



Assembling Instruction

A: Set up with Jib A-Round Kit



1. Ring

The Ring has to be put onto the dolly and screws must be tightened.



2. Vario Jib

Put Vario Jib onto Euroadapter and tighten screws.
The Turnstile is turned 90°.



3.1 Connecting rod

Screw the connecting rod onto the back outrigger of the Vario Jib.



3.2 Connecting rod

The connecting rod is mounted to the ring. The wheels grasp the ring.

B: Set up with Jib cable



The Jib cable can be used instead of the Jib A-Round-Kit. It is mounted to the back outrigger and on two wheel arms.

Notice: Now, the Vario Jib can not be turned around it's vertical axis.

C: Standard Set up



Vario Jib

Put Vario Jib onto Euroadapter and tighten screw. The Turnstile is turned 90°. The Vario Jib can be extended from 1m (3') to 1.6m (5').

The dismounting is effected in reciprocal sequence.

First Operation

Important: Before loading and operation all connector screws and bolts have to be checked if they are really tightened.
The Dolly must be adjusted to wide gauge.

A + B: (A-Round Kit and Cable)

There are no counterweights necessary on version A and B. The max. payload is 50 kg (110 lbs). The payload can be raised up to 80 kg (176 lbs) when using counterweights on the dolly which prevents the dolly from tilting over.
Notice: Pay attention when using the Jib A-Round-Kit. The counterweights always have to be on the opposite side!

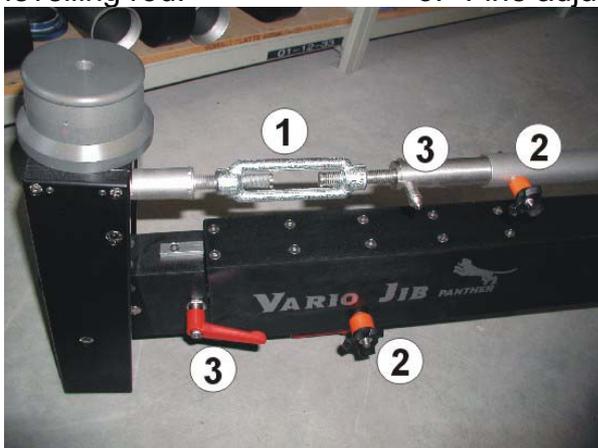
C: Standard



The Euroadapter gets levelled by turning the blue levelling rod.

1. 16 Kg Counterweight
2. 8 Kg Counterweight
3. Fine adjustment weight

The fine adjustment weight is put on the back outrigger and tightened.



Buckle "1":
New models are levelled by turning the buckle.

Bolts "2":
Adjusting the telescopic length

Bolt/lever "3":
Are opened when mounting the extension.

Maximum payloads:

- A: with Jib A-Round Kit
- B: with Jib Cable
- C: Standard

- 50 Kg/110 lbs (with counterweights 80 kg/176 lbs)
- 50 Kg/110 lbs (with counterweights 80 kg/176 lbs)
- 80 Kg/176 lbs

Attention:

The max. payload and max. number of counterweights must not be exceeded.
The use of additional weights, such as sand bags, is not allowed.

Accessories

Multi Rig:



1. The Multi Rig is attached under the front bearing of the Vario Jib.
2. The Euroadapter is screwed of the Vario Jib and onto the Multi Rig.

Offset Rig:



The Offset Rig can be attached under the front bearing of the Vario Jib instead of the Multi Rig.

Running board bracket:



The running board bracket gives the cameraman the possibility to be moved with the column (in combination with a platform and seat extension). The running board bracket is mounted onto the turnstile. Please take off the bolt on the shorter side of it.

Extension:

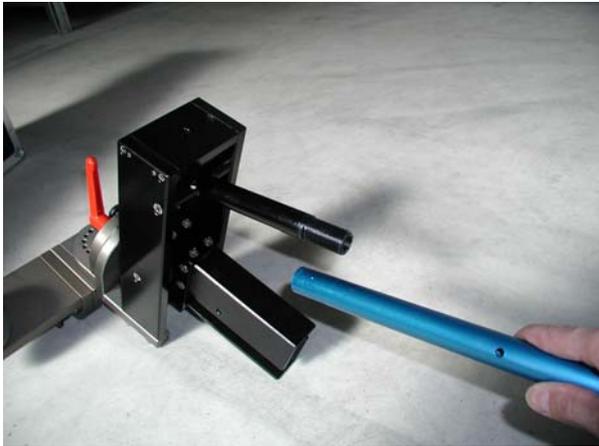
1.



2.



3.



4.



The Extension is mounted between the telescopic tube and the end-section. Take off (unscrew) the blue leveling rod and extend it with the extension rod. The second counterweight rod is put into the second hole of the back outrigger and loaded.

Service and Maintenance

The Panther Vario Jib is a very solid piece of equipment that guarantees reliable work without a lot of maintenance work.

To guarantee a long life and stable quality, it is advisable to treat all elements of the Vario Jib very carefully.

For damages occurred due to inappropriate treatment we do not accept any warranty claims.

After working, particularly after working in a dirty, dusty, sandy, wet and salty surrounding, the Vario Jib has to be cleaned and maintained very carefully.

Interrupt the work immediately, if only a small part is damaged or missing.

Maintenance and repair should only be made by trained and competent persons.

Panther GmbH offers service seminars, which will be held according to your desires.

For exact dates, please call +49-89-61390030 (Panther-Service).

According to ZH 1/222 / 3.2 and UVV VBG 70 § 34, the safety and machine appliances have to undergo an interim check up by a competent person at least every 4 years and at least every year by an expert.

If necessary, parts have to be exchanged.

Technical Data

Reach of the arm: 1 m (3') - 1,6 m(5')

Extension: 1 m (3')

max. reach: 2,6 m (8')

max. payload, measured on top of Multi Rig:

1 m – 1,6 m 80 Kg/176 lbs

1,6 m –2,6 m 45 Kg/100 lbs

Attention: The payload is reduced, if the Multi Rig is extended e.g. with a offset rig (especially when mounted sideways).

max. Counterweights: 12 Weights x 16 kg/35 lbs