



EASY RIDER

USER MANUAL



INTRODUCTION

Congratulations to your decision of purchasing or renting your Panther Easy Rider. We are pleased that you made your decision in favor of equipment, which combines state-of-the-art technology and many years of experience in manufacturing camera support equipment.

Selected materials and a great know-how ensures that in practice you have a wide variety of possibilities, which you will appreciate during shooting. Your new Panther Easy Rider is a high-quality and modern equipment giving the creative cameraman a new easy way of shooting and get more flexibility.

The Easy Rider is a new type of dolly, developed by specialists for specialists in order to meet the expectations of every cameraman or grip.

To ensure that you will love working with your Panther Easy Rider and that all requirements during shooting can be fulfilled considering utmost safety and reliability, please carefully read this user manual.

With our best wishes



Andreas Fitz

CEO | Executive President
Panther GmbH

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SAFETY INSTRUCTIONS

Before Driving

Make sure that the wheel pressure of all wheels always is between 2,5 and 3 bar.

Do never drive on public roads.

Every load must be checked and secured prior usage - pay particular attention to the stability against tipping. All parts must be secured against falling. The center of gravity of the load should always be as low as possible.

Do not switch on the Easy Rider before the operator/driver is ready in order to avoid unintentionally movements by pressing the thumb lever.

Check that the brakes are working properly before every operation with the Easy Rider.

Check all screws regularly.

While Driving

Be ready to brake at all times.

Avoid sudden steering maneuvers and dynamic curving to prevent tipping over.

Always switch off the Easy Rider after driving.

TECHNICAL DATA

Rickshaw Mode (Sideview / Topview)



Length (Dolly)	78 cm / 30,7"
Width (Dolly)	61 cm / 24" (w/o suspension) 70 cm / 27,6" (with suspension)
max. Payload	250 kg / 551 lbs

E-Drive Mode (Sideview / Topview)



Length (Dolly)	185 cm / 72,8"
Width (Dolly)	61 cm / 24" (w/o suspension) 70 cm / 27,6" (with suspension)
max. Payload	400 kg / 882 lbs
Top Speed	30 km/h / 19 mph
max. Range (est.)	30 km / 19 mi

BASIC KNOWLEDGE

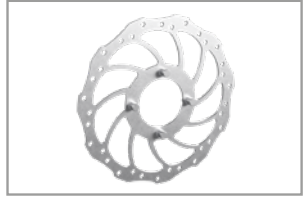
OVERVIEW



313043 Easy Rider
(Rickshaw Mode)



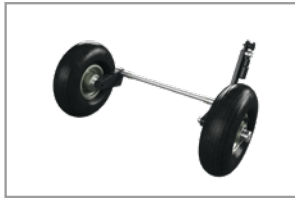
313044 Easy Rider
(Rickshaw Mode Suspension)



311983 Brake Kit



311809 Drive Unit



312755 Assembly Wheels
(Facilitates assembling the Drive Unit)



312553 Safety Support
Wheels
(Increases safety when cornering
dynamically)



312610 Clamp



311810 Push Bar



311816 Grip



311808 Support Wheel



312428 Drawbar



311813 Sledge

BASIC KNOWLEDGE

OVERVIEW



312462 Adjustable Seat Column



311815 Seat and 122149 Eccentric Seat for the Driver (heat insulated)



312753 Fender (Set)



311814 Foot Rest



312427 Foot Rest Extension



312461 Seat Bracket 25-80mm



311812 Bracket 48-80mm



312859 Charger 110-230V (for one battery)



302577 Battery

For more accessories please see our price list or visit our website .

BASIC KNOWLEDGE

ALLEN KEY

Integrated Allen Key

We designed the Easy Rider to be used almost tool-free in order to ensure a fast and easy operating. If there is a tool needed it is always the same: only one Allen Key which has its parking position directly on side of the dolly. This gives you, the operator, the possibility to work fast and easy, without losing time for searching the right tool.



RICKSHAW MODE

HEIGHT ADJUSTMENT

Rickshaw without suspension

There are 3 different height positions possible.



Adjusting height is done by opening the screw.



Take off the wheel and bring it back to the desired position.



Then tighten the screw.

RICKSHAW MODE

HEIGHT ADJUSTMENT

Rickshaw with suspension

There are 3 different height positions possible.



Open the screw and reposition the Rickshaw height. Support the platform to prevent falling down when changing height position.



Then tighten the screw.



Sometimes it might be useful to adjust the height differently to compensate unevenness.

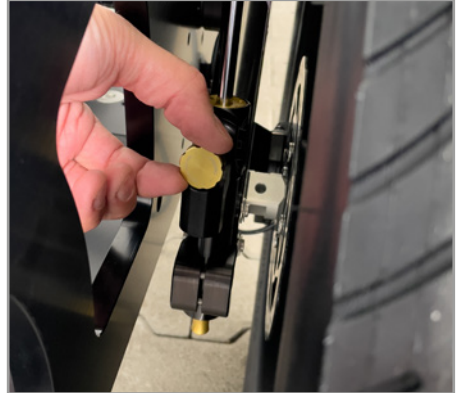
RICKSHAW MODE

SUSPENSION ADJUSTMENT

Suspension adjustment



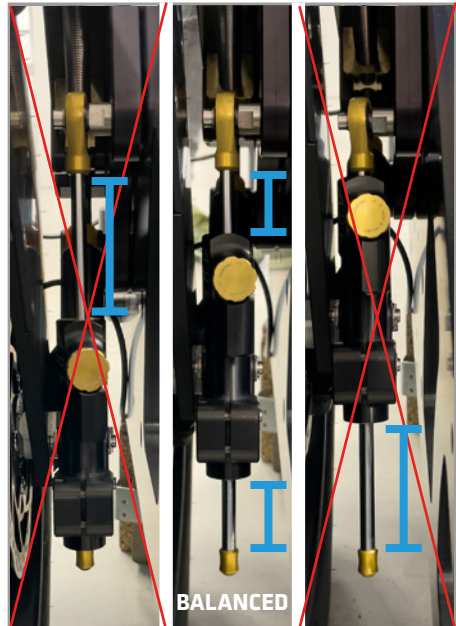
First make sure you open the locking screw.



Turn the golden knob of dampening all the way to „-“ (minus)



To adjust the suspension correctly you have to make sure that the suspension travel (Easy Rider loaded) is balanced. Recognizable on the dampener (see picture right).

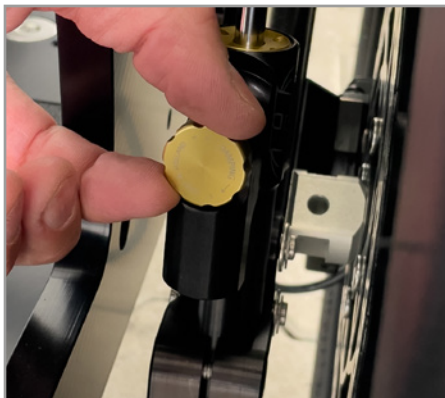


RICKSHAW MODE

SUSPENSION ADJUSTMENT



Lock the adjusted suspension.



Adjust dampening to your needs by turning to „+“ (plus)

RICKSHAW MODE

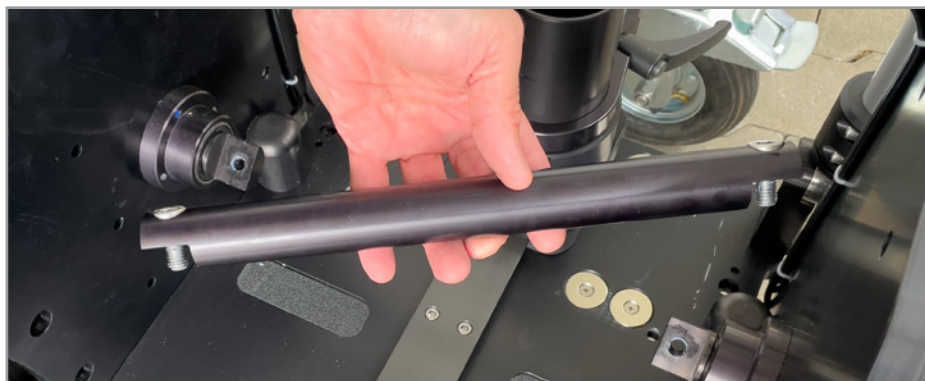
SUSPENSION ADJUSTMENT

Suspension adjustment

There is an option to remove the roll bar if you want to have each wheel dampened individually.



To remove the roll bar open the two marked screws and take out the bar.

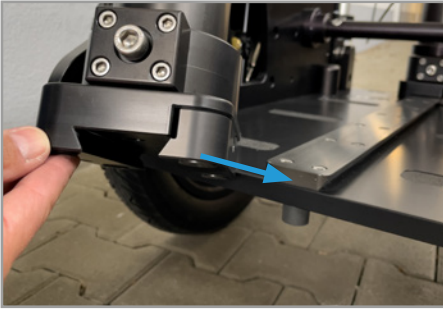


RICKSHAW MODE

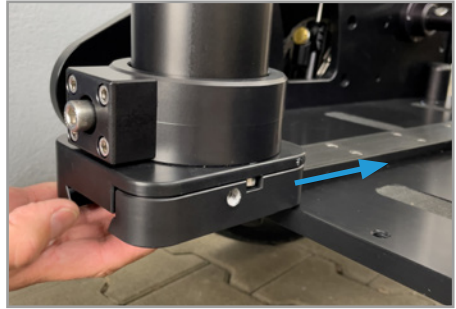
ACCESSORIES

Sledge

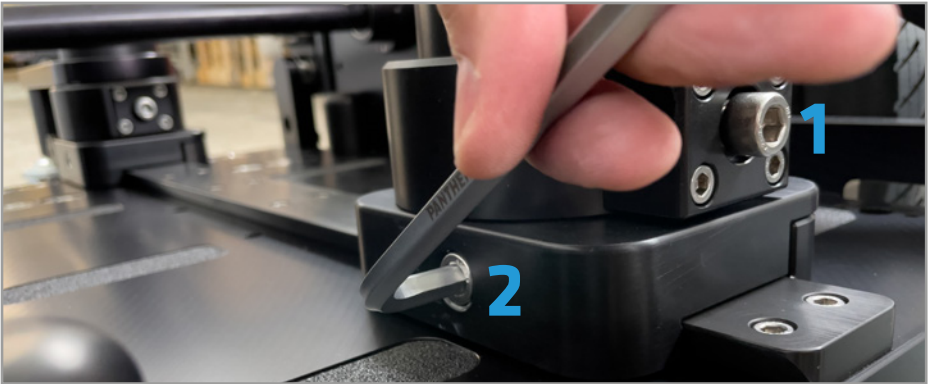
The sledge can be used to mount accessories with 80mm Tube Mount / Euro Mount.



Push the sledge onto the dove tail bar.



Slide it into the desired position.

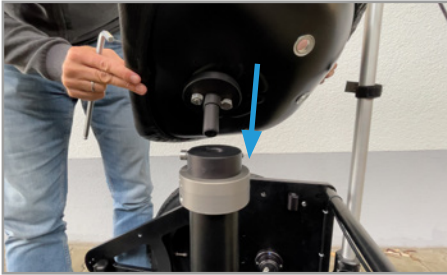


1. for locking 80mm Tubes / Euromounts
2. for locking the position

RICKSHAW MODE

ACCESSORIES

Seat



Push the seat into the Seat Column.



Tighten the screw.



You can use every 25mm Pin Seat.



Adjusting height is done by opening the lever.
Be careful with the spring loaded seat!



If needed you can use the 80mm tube separately. To do so, remove the tube by opening the screw. Pay attention to turn the screw correctly:

Turning **clockwise**: you contract the tube connector which means you **loosen** the tube.

Turning **counter clockwise**: you spread the tube connector which means you **lock** the tube.



RICKSHAW MODE

ACCESSORIES

Foot Rest

There are Foot Rests and extensions available.



Mounting the Foot Rest is done by tightening the screw.



You can change the left/right position by opening the screw.



If you need more length you can mount extensions the same way. You can combine up to **two** extensions.



Finally mount the foot rest.

RICKSHAW MODE

ACCESSORIES

Support Wheel

Additional Support for the Rickshaw Mode.



To mount the Support Wheel you need a sledge. Mount the 80mm tube into it.



Adjusting height is done by opening the black lever and repositioning height.



Mounting a drawbar is done by opening the black lever of the drawbar.



Mount as shown in the picture and tighten the black lever.



An integrated brake avoids unintentional movement of the Rickshaw dolly.

RICKSHAW MODE

ACCESSORIES

Counter Weight

You can mount counter weights to the Support Wheel.



Mount the Holder (178530) to the Support Wheel.



Tighten the screw with the integrated Allen Key.



Now you can mount weights.

RICKSHAW MODE

ACCESSORIES

Clamps

We offer black anodized 48mm scaffold tubes which can be combined with clamps (312610).



The Clamp is mounted with one screw that is mounted on the side plate.



Scaffold tubes can be mounted tool free.



With the Clamp rotating \varnothing 33mm - 48 mm (180075) you can mount in any direction.

RICKSHAW MODE

ACCESSORIES

Clamps

The clamps can be also used to extend the push bar for 1 or 2 operators with scaffold tubes.



The clamp can be mounted with the integrated Allen Key.



Place washer between pushbar and clamp.



Mount scaffold tubes up to 2m length.

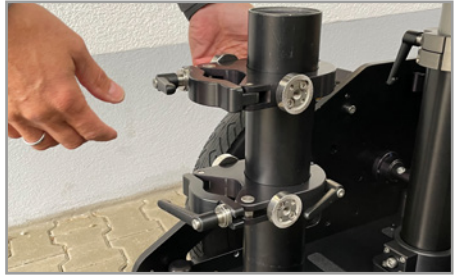
RICKSHAW MODE

ACCESSORIES

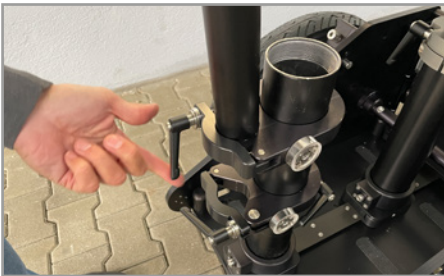
Bracket 48-80mm



The Bracket 48-80mm can be mounted to every 80mm tube.



We recommend to use 2 for save operating.



To mount a 48mm tube (scaffold tube) open the black lever.

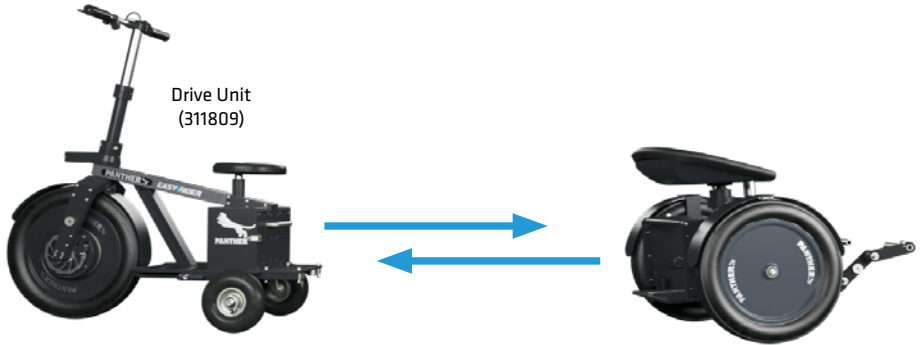


It is also possible to attach foot rests directly to the Bracket 48-80mm.

E-DRIVE MODE SETUP

Drive Unit

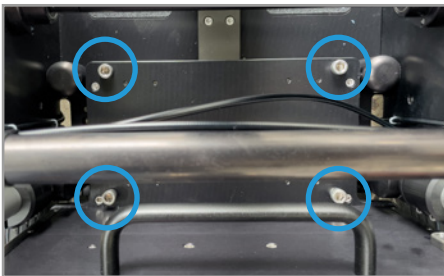
You can transform the Rickshaw Mode into the E-Drive Mode with the Drive Unit (311809).



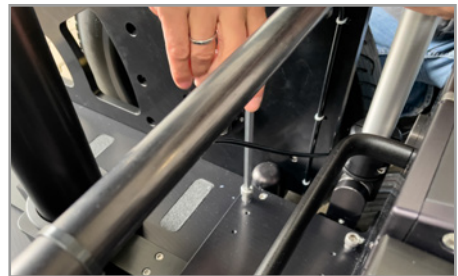
Hold the Rickshaw at an angle and move it to the Drive Unit until the magnets „click“.



Both elements are now in position.



(Topview) Tighten all 4 screws.



E-DRIVE MODE SETUP

Drive Unit



Remove the Grip from the Push Bar.



Mount it to the front steering bar.



Make sure to tighten the screw.



Attach the brake hose onto the Easy Rider with straps for safety.



Open the knob of the assembly wheels.



Make sure to bring the Assembly Wheels up before operating!

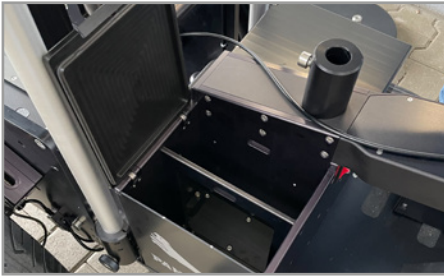
E-DRIVE MODE SETUP



Switch Off Dolly before charging batteries. Otherwise battery connector may be burned (shortcut).

Battery

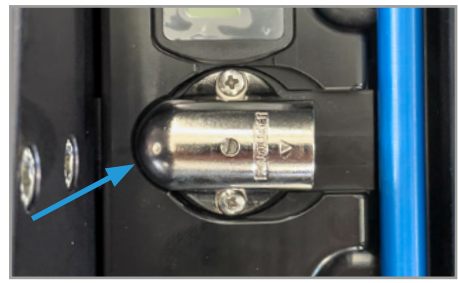
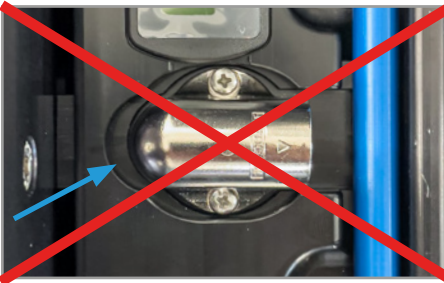
The Easy Rider is powered by 4 Panther batteries (302577).



Open the lid for the batteries.



Insert the batteries and make sure that it locks.



Make sure, batteries are completely pushed into its place and are safely locked.

The battery is empty if the display shows 50% or less. Status display is just an indicator and may not be precise. Check voltage of Batteries with a voltmeter.
25,5V-26V is full - 22,5V or less is empty.

E-DRIVE MODE SETUP

Steering bar

Adjust height



Before operating make sure that the steering bar is adjusted to your body size.



Use the integrated allen key to adjust the height.

E-DRIVE MODE

DRIVE

Drive



Turn on the Easy Rider by pressing the red switch to „I“ (ON)



The yellow control light shows you that your Easy Rider is turned on.



By pressing the thumb lever the Easy Rider begins to drive forwards.



If you press the red button on the left simultaneously it will drive backwards.



Do not switch on the Easy Rider before the operator/driver is ready in order to avoid unintentionally movements by pressing the thumb lever.

Always make sure to turn off the Easy Rider when you are not operating to increase the battery life.

Shattering noise of the motor (front wheel) indicates that the battery has not enough voltage anymore. Please change or charge batteries.

E-DRIVE MODE

ACCESSORIES

Safety Support Wheels

For dynamic curving, use the Safety Support Wheels to increase stability. The danger of rolling over is reduced.



Position the Safety Support Wheels as shown in the picture.



Attach the holders (left and right) with the integrated allen key.



Attach the Safety Support Wheels to the holder with the integrated allen key.



E-DRIVE MODE

ACCESSORIES

Counter Weight

If there is not enough grip on the front wheel you can use counter weights.



Mount Double Euro Adapter (125137) and Holder (178530).



Attach a Counter Balance Rod (310836) to the Holder.



Now you can put weights on it.



As an alternative to the Double Euro Adapter you can use a Blocker + 80mm tube (8cm).

E-DRIVE MODE

ACCESSORIES

Seat Bracket

Remember: the lower the weight of the seat, the more stability you have.



Mounting „overslung“.



Mounting „underslung“.



You are able to mount foot rests and extensions directly onto it.



Now you can mount the seat to the front.

Foot Rest



To maximise driving stability you can mount foot rests directly to the front wheel.



E-DRIVE MODE

ACCESSORIES

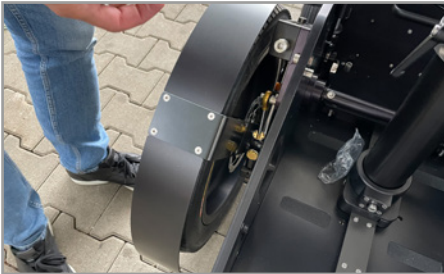
Fender



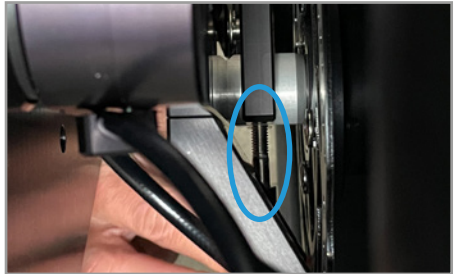
Fender backside (Rickshaw)



Slide the fenders onto the axis.



Make sure it holds by itself



Tighten the screw.



The fender for the front is mounted with 4 screws.



Tighten the screws.

TRACK MODE SETUP

Track Kit

The Track Kit (4x 204777 + 1x 204793) transforms the Easy Rider into a track dolly.



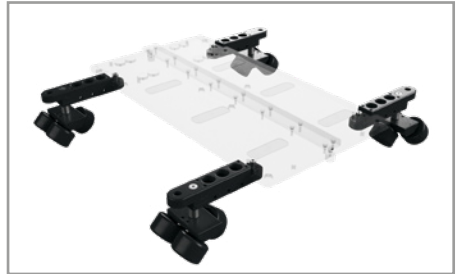
Open the 4 screws with the integrated Allen Key.



Take the Base Plate.



For the track configuration you only need the Base Plate.



Mount Arms (4x 204777) and mount one Skateboard Wheel (204793) to each of it.

■ TRANSPORT

The Easy Rider might be delivered in a backpack setup. To detach open the screw and remove the Rickshaw Unit.

This backpack setup may be useful for compact storage.



FURTHER ASSISTANCE

If you need any further assistance with this instructions (or also other questions) please contact our service department.



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