PANTHER®



S-TYPE EVO

PASSION OF MOVEMENT

www.panther.tv

All new about the S-Type EVO.



Smoothed Drive Belts

Re-engineered belt surfaces ensure a whisper-quiet lifting motion.



Aligned Wheel Brake

Equally aligned wheel brake design ensures easy accessibility from any position.



Reinforced Chain Tensioners

The upgraded tensioning system delivers exceptional precision in crab and steer modes.



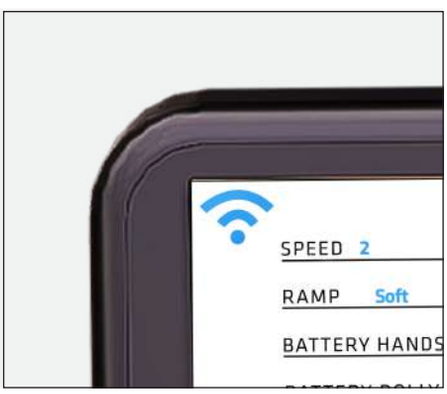
Optional Extendable Nose Mount

Different Nose Mounts allow easier mounting for complex camera setups. With our Nose Mount Extension 314443 you receive 9cm more distance to the scissors arm.



Enhanced Software Experience

EVO's updated firmware introduces smoother response curves, refined interface logic, and new customization options.



Dynamic Wireless Connectivity

The new Bluetooth module features adaptive transmission power for an extended range and unmatched signal stability.



Optional Carrying Handles

Offered in different lenghts, choose the handle that fits to your needs.



Optional Lithium Power Pack

Extend your operational time with the optional high-capacity lithium battery.



Axle Shaft with 90-Degree Shif-

A redesigned axle geometry allows for smoother travel across the track.

ABOUT

If you change nothing, it will change nothing.

The Panther S-Type EVO Dolly combines the advantages of different dolly concepts: the scissors-arm and the center-column.
Additionally with regard to functionality and performance - the S-Type EVO Dolly beats both systems:

Durable drive unit

Arm with linear motion

Precision gear with 4 steering modes





DRIVE UNIT

Proven over decades.

The S-Type EVO Dolly is powered by an electro-mechanical drive system and is thus the world's first of its kind.
This has many advantages in contrast to other products which exclusively work with hydraulic such for example no dripping oil, no pumps, many movements without charging, programming and limit functions and much more.

POWER

New designed Slide-In batteries.



New:
for an easier access, we integrated the power connector in front of the Dolly.
This allows the dolly to be permanently connected to the power supply when in use.

In order to realize a compact and lightweight dolly design, we developed new Slide-In batteries (302577) for the S-Type EVO. These are quickly and easily pushed into the side of the dolly and flow smoothly into it. A carrying handle facilitates handling and transport.



New:
display of the remaining battery level

COMBI-WHEELS

Reinvented.



H-Pneumatic Wheel
138802



H-Studio Wheel
310289 (hard)
310615 (soft)



Studio Wheel Air
312278



Big Wheel
311095

We have reinvented and improved the Combi-Wheels. In addition to a new design, the brake has been revised, so now when you use the „BRAKE lever“ it will brake the studio- or air wheels simultaneously with the track wheels.

SCISSORS ARM

Detachable, 100% linear and maximum stability.

During the development of the arm our engineers gave everything! The S-Type EVO scissors-arm makes a 100% linear movement. Low energy expenditure and maximum stability are ensured by the compact double-arm design.





Weight distribution
Arm = **40%** | Dolly = **60%**

DETACHABLE

To simplify the transport massively, the scissors-arm element of the Panther S-Type EVO is detachable. It can be quickly and easily separated 100% from the body. Extra developed carrying bars (310120) enable an easy removal.

TRANSPORT

The slim design of the S-Type EVO makes space-saving transport easy to realize. Therefore you can transport the dolly if your space is limited - even upside down.
The integrated carrying handles can be extended by the Carrying Grips (302783).



OPERATION

New Wireless Handset for a great user experience.

Our Bluetooth Handset (302788) is included in the standard package of the S-Type EVO dolly. You can use it **wireless and via cable**. Charging is also done via cable usage. Get in touch with a great new user experience and discover important information and functions for the dolly:

arm level (zero, low and super low mode)

height control in %

battery check of **dolly and handset**

charging **via handset cable** connection to the dolly

fine adjustable **speed control**

Limit and Program





100% waterproof design up to 0,5 m / 20“



parking position for Wireless Handset right in front of the dolly operator



many information and operation possibilities for example: speed adjustment, arm level, programming, set limits etc.



NEW SOFTWARE 2.0

More control in every movement.

Great camera movement depends on precision, reliability and complete control. Panther Software 2.0 (315291) brings all three together in a smarter and more intuitive operating experience.

OPTIMIZED BATTERY MANAGEMENT

Refined battery monitoring provides a more accurate indication of the Dolly's remaining battery capacity and helps maximize operating time.

100% battery level: above 25.6 V
0% battery level: below 23.4 V

HOT PLUGGING

The handset cable can be connected or disconnected during operation without restarting the Dolly. Switching between wired and wireless operation is therefore faster and more convenient.

SMOOTHER DRIVING

The expanded speed range provides significantly finer control over every movement. Motor preloading when the brake is released also enables smoother starts and a more responsive driving experience.

100 SPEED LEVELS

The speed scale has been expanded from 5 to 100 levels, allowing substantially finer and more precise adjustments.

MORE INTUITIVE OPERATION

- 100 speed levels
- 100 ramp levels
- Quick limit activation and deactivation
- Remaining-time display in the Motion Program

EXTENDED BRAKE OPEN TIME

The "Brake Open" function can now also be activated either for five minutes or permanently, allowing for greater flexibility in setup and operation.

100 RAMP LEVELS

The ramp scale has been expanded from 4 to 100 levels, providing much more precise control over acceleration and deceleration.

AUTOMATIC HANDSET SHUTDOWN

The handset switches off automatically to protect its battery from deep discharge. Improved reconnection, restart and timeout behavior also ensures faster and more reliable operation.

FASTER LIMIT CONTROL

Upper and lower limits can now be set, deactivated or deleted more quickly and intuitively by using the Limit button together with the corresponding arrow button.



IMPROVED BLUETOOTH

Extended Bluetooth range and enhanced connection stability ensure more reliable wireless operation. The software dynamically adjusts the transmission power whenever additional signal strength is required.

SCISSORS ARM

Make the impossible possible.



103 cm
(upwards)

0cm
(Low Mode)

-43 cm
(downwards)

Total of **146 cm / 57,5“ lift range**

In order to use the full length of the scissors-arm, we developed the patented full-range technology. This allows the scissors-arm to move the same way up as down into the negative. An additional high-low rig is no longer needed.



STANDARD LIFT RANGE
103 cm / 40,6“

100% LINEAR MOTION





LOW MODE
(standard lift range
103 cm /40,6“)



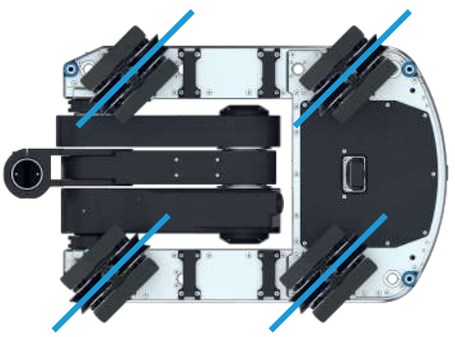
SUPER-LOW MODE
(max. lift range
146 cm / 57,5“)

If Dolly is raised on
e. g. rostrums

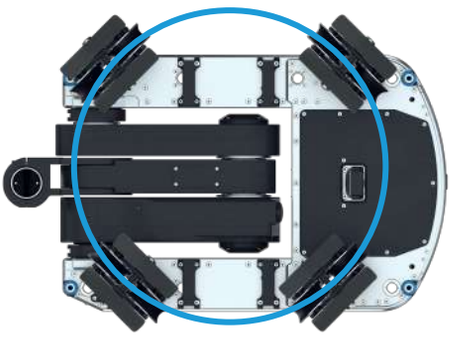
4 STEERING MODES

Easy to use in every situation.

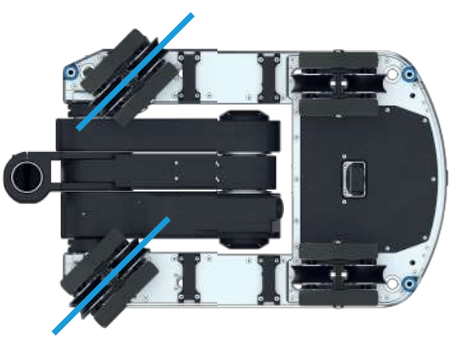
To give maximum flexibility to the operator, the Panther S-Type EVO is equipped with 4 different steering modes:



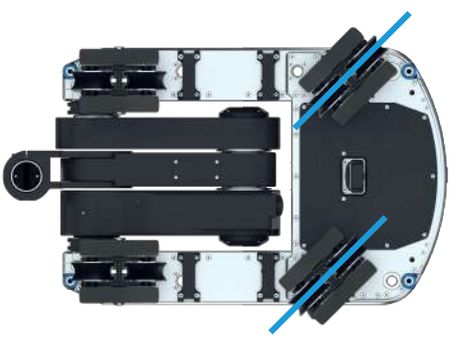
CRAB MODE
(4-Wheel Steering)



ROUND MODE
(4-Wheel Steering)



CONVENTIONAL FRONT
(2-Wheel Steering)



CONVENTIONAL REAR
(2-Wheel Steering)

SQUARE WHEEL POSITION

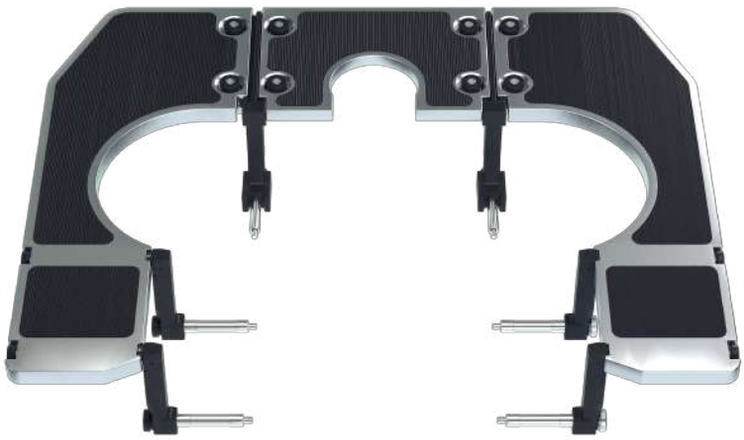
The wheels of the S-Type EVO are arranged square. This has the advantage that the dolly can be moved both lengthwise and crosswise to the track - without using other wheels or accessories.





PLATFORMS

New designed **Flip-Flop Platforms**.



We also did our best for the platform design! You only need one single set (consisting of 3 parts) for the whole dolly. Whether high or low platform: the S-Type EVO flip-flop platforms (302583) cover every position and remain extremely stable.

Only one set necessary.



High mode

Easy swiveling up or down

Low mode

How can I use them?



S-Type EVO with side platform left or/and right



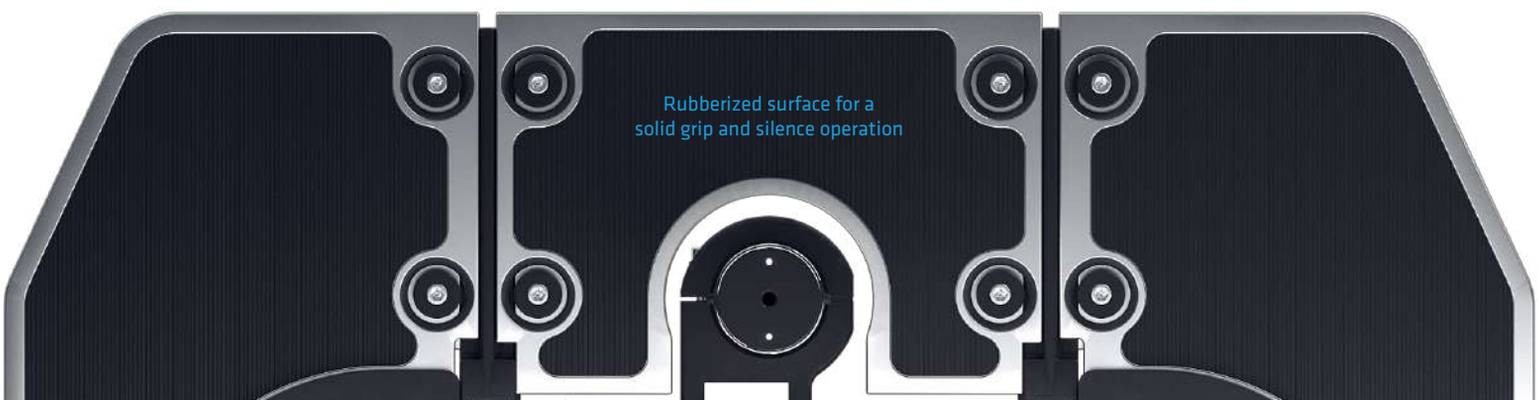
S-Type EVO with front platform and side platform left or/and right



S-Type EVO with front platform



S-Type EVO with all mounted platforms



HIGH PLATFORM

More flexibility for the cameraman.



To allow the cameraman to stand on a higher level there is a divisible and height adjustable High Platform available. It can be mounted toolfree directly onto the dolly.



FOLDABLE PUSH BAR

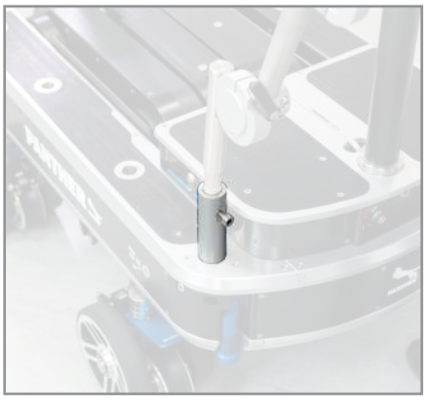
More flexibility for the grip.







In order to facilitate the work of the dolly grip, we have developed an additional push bar (310342). It is extendable and foldable and can be plugged in and used around the dolly. If you want to extend the height of your Push Bar there is an extention (311049) available.It is used by mounting it in between the Push Bar & the Dolly. Our Hooks for Push Bar (315062) make it easy to attach all your desired utensils to the Dolly.







MITCHELL-MATRIX ADAPTER

Flexible shots.

Our Matrix Adapter enables you to adjust the camera's position from top to bottom (180°) in 45° increments without removing the camera. With the connection to our Mitchell Plate, you can turn the entire setup through 360°.



Upgrade your Matrix-Adapter:

MITCHELL PLATE
136909

MITCHELL LEVELLING PLATE
177841

MORE FEATURES

The goal was to make it perfect.



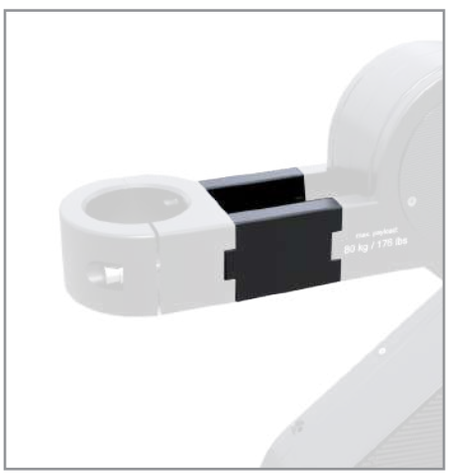
You only need one integrated tool to operate the whole dolly



Dolly Jack for (311199) for easy wheel changing



Detachable steering rod



The Nose Mount Extension (314443) for the S-Type extends the distance from the camera mount to the scissor arm by 9 cm.



80 mm Tube, 22 cm
(311563)



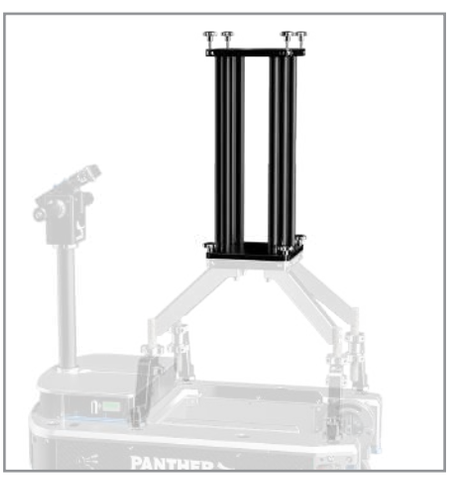
80 mm Tube, 44 cm
(310781)



Center Mount (302359): to be combined with Cranes, Jibs, Mitchell Mounts and other accessories.
(By the way: works also great with other dollies)



Our Center Mount Extension 30 cm (310767) can be mounted on the centre mount to elevate the base for the jib arm.



Our Center Mount Extension 60 cm (315001) can be mounted on the centre mount to elevate the base for the jib arm.

MORE FEATURES

The goal was to make it perfect.



Carrying Grip 30 cm (315000) extentions for carrying handles available



Carrying Grip 40 cm (314866) extentions for carrying handles available



Carrying Grip straight 30 cm for easier transport (314880)



Carrying Grip straight 40 cm for easier transport (314867)



Center Plate (310789) to be used as platform dolly.



Big Wheel (311095) to bring the dolly fast and easy to your location - mounted with only one screw with the integrated tool



TECHNICAL DATA

Let‘s talk about facts.

Length (Dolly)	96,5 cm / 38‘‘
Width (Dolly)	64,5 cm / 25,4‘‘
Height (Dolly)	39,5 cm / 15,55 (front) | 48 cm / 18,9‘‘ (rear)
Center Distance (Sciccors-Arm)	37 cm / 14,6‘‘
Standard Lift range (Low-Mode)	103 cm / 40,6‘‘
max. Lift range (Super Low-Mode)	146 cm / 57,5‘‘
Transport weight (Dolly without wheels)	104 kg / 229 lbs
Transport weight (Scissors-Arm)	64 kg / 141 lbs
Track Width	62 cm (wide) | 48 cm (narrow)
Ground Clearance	21 cm / 8,3‘‘
Payload (Dolly)	800 kg | 1764 lbs
Payload (Scissors-Arm)	80 kg | 176 lbs
Battery	2 x 24V



AND ACTION

A new dolly generation









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