



On the ground. Underwater. In the air.





ON THE GROUND

- grandtrack, camera cars, high speed camera cars, process trailers, quads
- RUSSIAN ARM MINI
- special telescopic cranes
- stabilized heads, remote heads
- MöVI gimbal + slingshot

UNDERWATER

- special underwater housing
- splash bags
- underwater lighting
- camera+safety boats
- underwater green boxes
- specialised drivers with equipment

IN THE AIR

- octocopters
- MöVI gimbals

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On ground. Underwater. In the air.

REFERENCES

The Coldest city
 X Company
 Marco Polo
 Inferno
 Last Kingdom
 Strike Back
 The Martian
 Spy
 Son Of Saul
 Hercules
 47 Ronin
 World War Z
 A Good Day to Die Hard

EST
 2013
 SPECIAL GRIP HUNGARY



The Grand Track is a fully self-drivable trailer custom developed for the movie industry. With it's V8 350 HP engine and one automatic gear shift system, the Grandtrack is constructed for consistent smooth and steady movements. All the three axes have their own air suspension and shock absorbers with adjustable stiffness.

The driver's cabin can be attached to any section of the trailer for ultimate view point selection. Having the camera rigged to the front of the Grandtrack for example allows rear facing shots to be recorded without the vehicle obstructing the view. There are multiple configurations for the Grandtrack's setup.

The width of the vehicle is adjustable in order to allow various road conditions and dolly tracks to be laid down on the sides as well.

GRANDTRACK

On the ground



SPECIFICATIONS:

The width of the Grandtrack is 2650mm while the length is 7500mm. Depending on the road quality the structure can be raised between 5cm-20 cm.

Carrying capacity: 3.5t

Net weight: 2.5t

Maximum speed: 130kmh

Transport width: 2100 mm

Setup time: 1hour

Technical personnel: a crew of 3 Person (The precision driver and two car riggers)

GRANDTRACK



SPECIFICATIONS (4X4):

Self-weight: 2950kg
Height: 2.3m
Length: 6.5m
Roof platform: 1.5x1.5m
Base platform: 2.35x2.3m
Back platform: 2.35x0.8m
Front platform: 1.5x10.9m

SPECIFICATIONS (LONG):

Self-weight: 2800 kg
Width: 2.3 m
Length: 7 m
Main Platform: 2.35 x 2.3 m
Roof Platform: 1.8 x 1.5 m
Rear Platform: 2.35 x 0.8 m
Front Platform: 1.5 x 0.9 m

FORD F-350 4X4 / LONG

On the ground

FORD F-350 4X4

We have custom built our own camera car specially made for the European filming needs. Our Ford 4X4 is a massive, 4 wheel drive off road vehicle with a differential lock. Under the hood is Ford's latest in automotive development featuring 400HP V8 6.7 liter turbo diesel engine.

FORD F-350 LONG

This truck was specially built to be the ideal Camera Truck based on the Ford F350, designed according to the European standards. Our Camera Truck features a rigid frame construction that levels automatically as well as manually, controlled by a special air ride system and suspension.

The engine is a 6.4 litre V8 turbo diesel with 340 HP and extremely high torque. Our Camera Truck has multiple built in rigging points which provide variable camera positions combined with a very short setup time along with fixed and slider solutions. The construction of the Camera Truck allows a Supertechno 30 to be fitted onto the back platform for big budget shots in movement. 48 mm couplers (fixed and swivel), aluminium tubes, four-way levelling plates, cheese plates are also available in the basic set-up. We are provide 2 way communication system with the basic package.

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QUADS

On the ground

SGH customized the Polaris 6x6 quads specifically for movie making needs resulting in a platform where we can rig in multiple camera positions.

The package includes the 48 mm aluminum tube system with clamps and various plates according to your specific needs.

SPECIFICATIONS:

- Weight:** 350 kg
- Width:** 1.3 m
- Length:** 2.8 m
- Rear Platform:** 1.3 m x 1.1m
- Front Platform:** 0.5 m x 1.1m

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MINI COOPER

On the ground

The Mini Cooper S type is converted to a fast city camera car with a 210HP engine and a tighter landing gear. We suggest to use it with a stabilized head but it can handle the hard mount as well.



TRAILERS & CAMERA MOUNTS

On the ground

SGH's trailers are based on the several years of professional experience. Every wheel has its unique independent suspension combined with the air suspension, allowing aperiodic smooth movement at adjustable heights and stiffness. According to European regulation, the width of the trailer is must not exceed 2.55m but can be extended 60-60cm with special permission. The basic package also includes the 48mm aluminum tube system and clamps.

SPECIFICATIONS:

Lenght: 8.5 m

Width: 2.55 m

Platform's Lenght: 7 m

Platform's Width: 2.1 m

Hight: adjustable

MOTORBIKE TRAILER

Our Motorbike Trailer is manufactured for scooters and big bikes. The independent air suspension is allows for an extra smooth ride, while the height is continuously adjustable.

Also included in the basic package: 48 mm aluminum-tube system with the clamps.

SPECIFICATIONS:

Lenght: 2.5m

Width: 1.8m

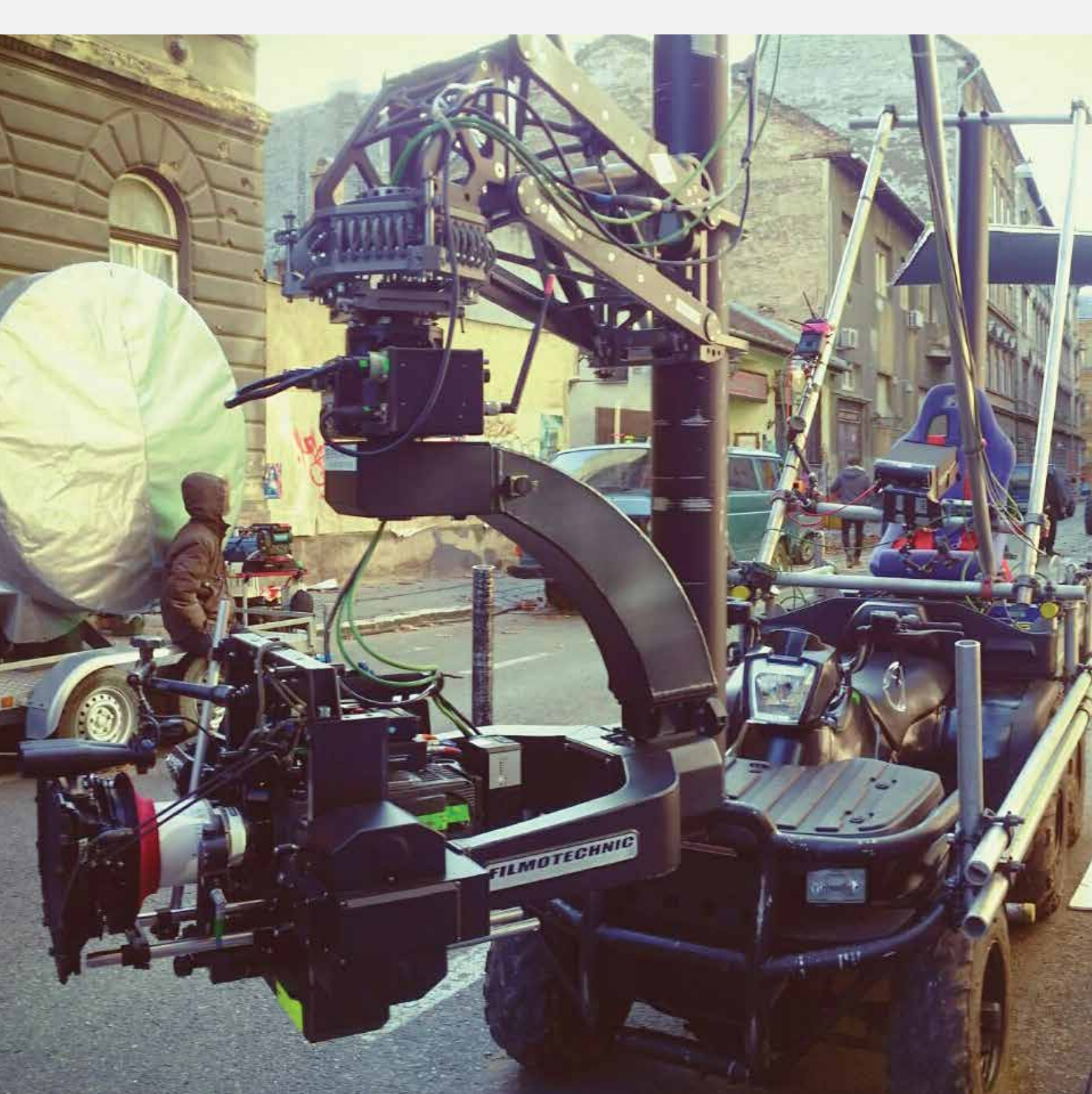
Main Platform: 2m x 1.2m

Height: adjustable



SGH offers multiple camera mounting systems suitable for almost every car, motorcycle or boat with safe and proper rigging. These camera mounting systems can be used with active heads or with fix constructions combined with a 48mm or 20 mm aluminum tube system of your choice.

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FLIGHT HEAD 5 ADVANCE

Filmotechnic invented a unique combination of Gyro-Stabilized, remote control cranes and 3 and 4-axis Gyro-Stabilized Flight Heads mounted on customized performance vehicles.

These specialized Camera Car Systems eliminate all bumps & vibrations enabling film crews to capture dynamic moving sequences resulting in extremely smooth and stable footage that can be adjusted in real-time combined with remote settings of the camera itself.

SPECIFICATIONS:

- 3 or 4-Axis Gyro-Stabilized
- Back-pan compensation
- RF Wireless capability
- Digital Auto Horizon (GV) always keeps camera level even in Hi-G turns
- Auto Horizon can be turned off for greater control of Roll Axis
- Pan Axis travels through 360° with back-pan compensation
- Roll Axis travels through 270° with Auto Horizon
- Tilt Axis travels through 200°
- Pan speed, Roll speed, Tilt speed 160°/sec
- Preston FIZ plugs into head console to give zoom control to the operator
- Payload capacity up to 88lbs (40kg)
- Light weight at 53lbs (24kg)



FLIGHTHEAD

On the ground

FLIGHT HEAD MINI

The Flight Head Mini is our smallest, lightest and fully digital flight head. It is made of 100% carbon fiber making this a great tool for steady cams, jib arms and any other light weight application.

The Flight Head Mini comes ready for shooting in one stand-alone case that can be shipped simply and easily.

SPECIFICATIONS:

- 3-Axis Gyro-Stabilized
- RF Wireless capability
- Pan Axis travels through 360°
- Roll Axis travels through 270°
- Tilt Axis travels through 200°
- Payload capacity up to 15kg
- Light weight: 13 kg
- Temperature range: -10 to 40°C

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RUSSIAN ARM MINI

On the ground



The Russian Arm Mini (Autorobot Mini) and Flight Head Mini 3 is the latest generation of our gyrostabilized robotic camera crane systems. It is a remotely operated gyrostabilized minicrane that was designed small camera cars, electric carts, process trailers or other small tracking vehicles to be able perform on narrow roads, small sized sets, tunnels, parking garages and bridges.

Russian Arm Mini is a lightweight and compact but powerful, high speed platform that is ideal in the most challenging filming conditions. It is capable of 360° pan, tilting up and down allowing a wide range of impressively stable, smooth and very dynamic shots. The Russian Arm Mini control system is operated via joysticks and consoles from within a camera car.

SPECIFICATIONS:

Arm length: 3.6m;

Lens height: 3,3m;

Tilt: 45°, **Pan:** 360°, + – 3 rotations;

Pan speed: max 6.5 sec;

Tilt speed: max 1.5 sec / 45°;

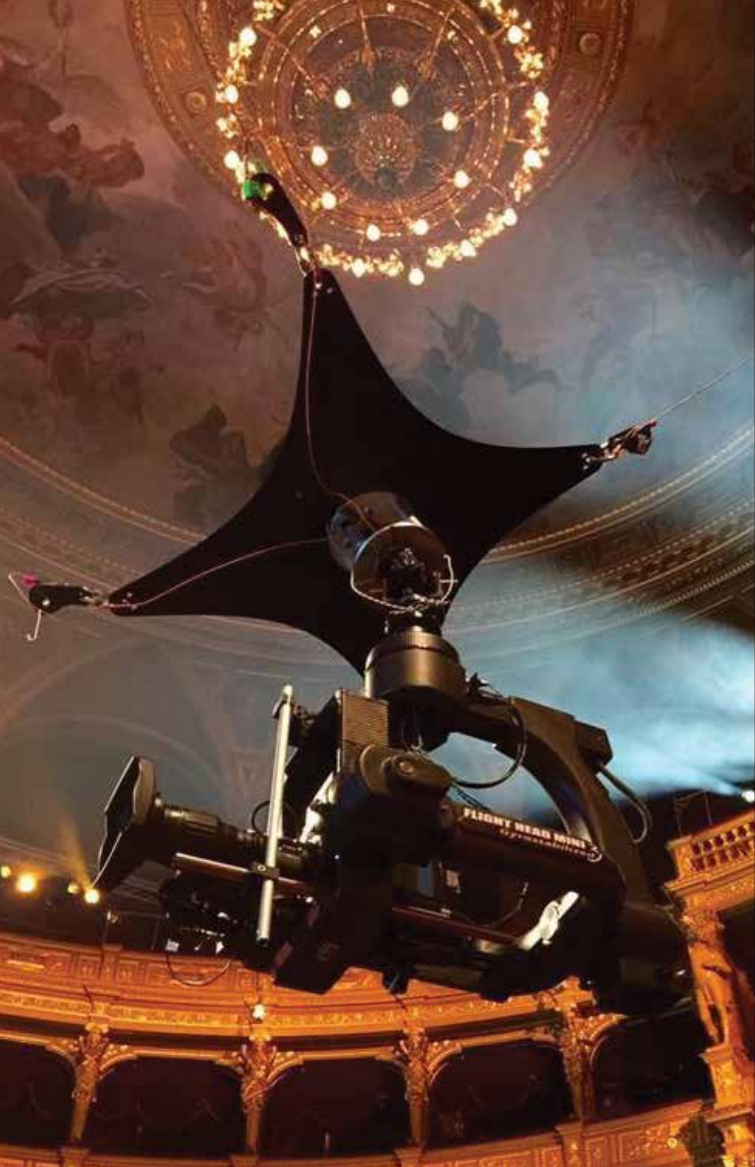
Payload 24kg;

Weight with camera max 180kg;

Max. speed up to 160km/h



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CABLECAM + GOCAM

CABLECAM 4 AXIS:

Especially built for moves in 3D locations, it can be moved anywhere in a 280mX 280m areas such as sport events, concerts and television shows. The movements are computer controlled via optical cables. In order to achieve the best flexibility and speed, the moves are performed by a 5Kw engine through a high-performance power unit. To ensure safety, every barrel has dual brakes capable of holding up to 600Nm. Keeping safety in mind, in case of communication, phase or partial blackout, the movements stop immediately and the brakes are applied so the cart can be stopped immediately without any delay. Difficult movements can also be performed with ease and without limitations. The entire system is under full motion control allowing a maximum speed of 4m/sec and 4 meters in height.

Weight limit: Flight head mini + 15kg camera

Setup time: 1 day

Technical crew: 2 person



CABLECAM 2 AXIS:

Our cable cam powered by a 5kW system is capable of performing free falls from a maximum of 100 meters with a speed of 6m/sec. Multiple redundancy breaks can stop the falling automatically if there is a power outage or communication failure combined with full motion control and adjustable falling or rising speed under 100m height. The movements can be reperformed as often as you need as well as adjust at any given time.

Weight limit: Flight head mini + 15kg camera.

Setup time: 12 hour

Technical crew: 2 person

CABLECAM 1 AXIS:

Especially built for movements in long distances in a straight line with a maximum speed of 11m/sec as high as 10 meters. The maximum stretch performed by our Cable Cam is 300 meters. A single operator can control the whole rig by pedals and joysticks.

Weight limit: Flight head mini + 15kg camera

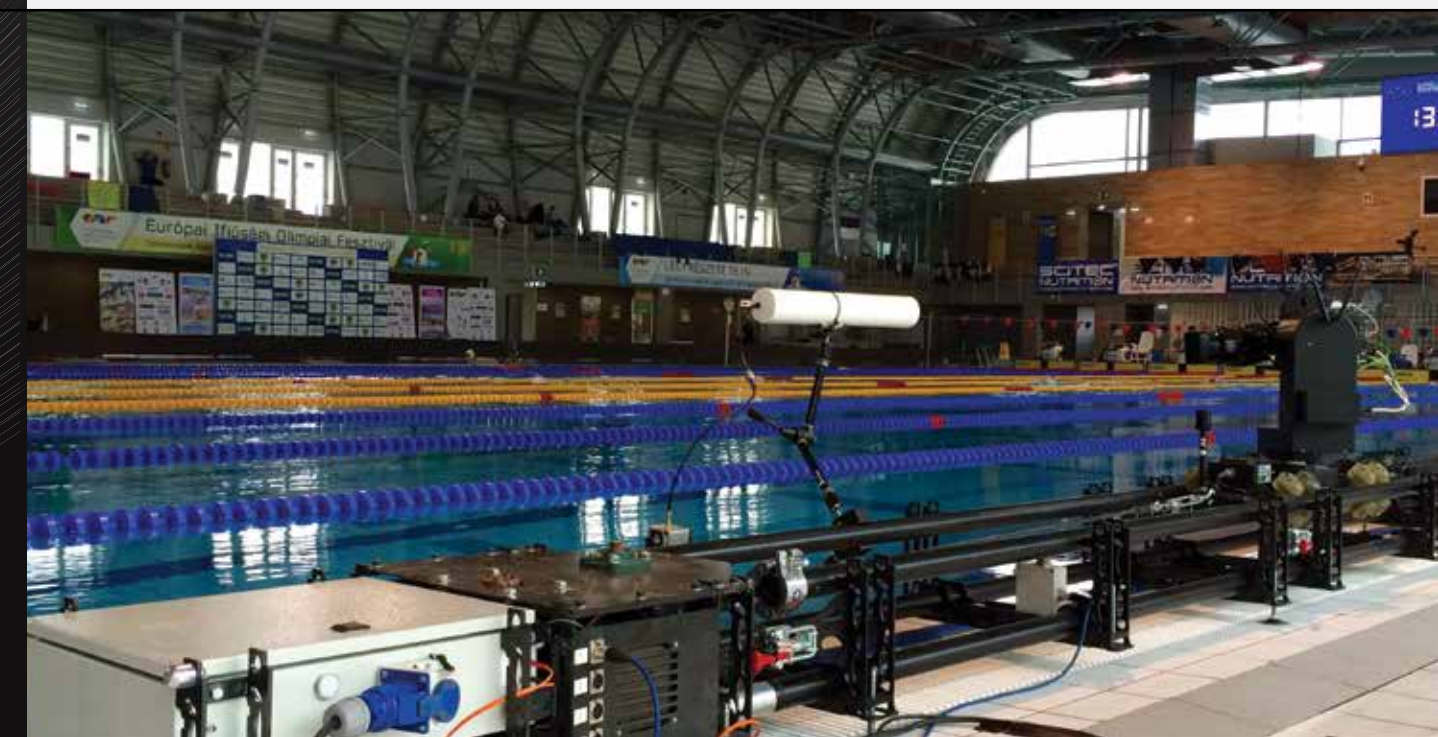
Setup time: 1 day

Technical crew: 2 person

GOCAM:

Boasting a closed railtrack with a camera “car” suspended. The maximum length is 60m. Mounted to the studio ceiling or next to a pool (water splash available). The system reaches its 7m/sec top speed in 4 meters. Low-mode also available for on the edge of a stage or an orchestra pit.

- **Max speed:** 7m/sec
(reaching this speed under 4 meters)
- It can be used suspended
- **Weight limit:** Flight head mini + 15kg camera



SCORPIO CRANE

On the ground

FEATURES:

- Programmable limits on the telescopic movement of the arm.
- Programmable movements of the telescopic arm
- Motion Generator of the telescopic arm respect to Pan or Tilt.
- Data displayed on screen: arm range, height of the optic axis and Pan and Tilt angles.
- Arm speed and Damping adjustable and displayed on the screen.
- Programmable Stop Sequence.
- Pan, Tilt and Arm encoder output for Motion Capture jobs.
- 4 telescopic sections plus Central Arm
- Smooth movement in high and slow speed
- Noise reduction system of the telescopic arm movement
- The head can be mounted Underslung or Over slung
- Dynamic counterweight system
- Adjustable fluid in Pan and Tilt
- 55° inclination on the Tilt arm
- 2 telescopic columns to higher 2 position
- Selectable width of the articulated legs with lockable position

SPECIFICATIONS:

Maximum length: 14 m (45 11'')

Minimum length: 2.41m (7' 10'')

Telescopic range: 11,4 m (37'4'')

Max. optic axis height: 14,1 m (46'3'')

Telescopic column maximum extension: 0,65 m (2'2'')

Payload in Underslung: 70 kg. (154lbs)

Payload in Over slung: 45 kg. (99lbs)

Required power: AC 220V/30A or AC110V/30A

Output power for remote head: DC 30V/20A

Output power for monitor: DC 12V/3A



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UNDERWATER CASES

Underwater.

ARRI ALEXA HOUSING

Black polyurethane coated onto a high tenacity polyamide webbing, and heat sealed to clear viewing windows.

Zip: 1 x 78cm zip which conforms to the U.K. M.o.D. Interim Defence Standard 53-100/1.

Dimensions:

Length: 70cm. **Height:** 35cm. **Width:** 43cm.

Weight: 8.5 kgs

Front Port: 6mm. Optical flat, coated with a non-stick polymer.

Leak Alarm: 9V tone generator max. output 95db

Dump Alarm: Apex low profile automatic

Max Depth: NO MORE THAN 4 METRES

ARRI ALEXA MINI HOUSING GATES

Controls (All Mechanical)

Power On/Off

Record / Standby x2 (Remote & Manual)

Assignable x 12

Direct lens coupled (manual) Focus

Direct lens coupled (manual) Iris

Direct lens coupled (manual) Zoom

Dimensions: Basic Shell

Transport size with 8" dome, PR126

Fully Assembled with monitor, handles, 8" dome, PE286

ARRI ALEXA MINI HOUSING

Black polyurethane coated onto a high tenacity polyamide webbing, and heat sealed to clear viewing windows.



Construction

Machined Aluminum, Type III Hard Anodized finish. Stainless steel hardware.

Depth Rating

250 feet / 76 meters.

Weight in Water

Fully adjustable buoyancy / trim

Batteries

V-Lock type. Contact Gates for non-standard battery size compatibility.

Zip: 1 x 60cm zip which conforms to the U.K. M.o.D. Interim Defence Standard 53-100/1.

Dimensions:

Length: 50cm. **Height:** 30cm. **Width:** 25cm.

Weight: 3.5 kgs

Front Port: 6mm. Optical flat, coated with a non-stick polymer.

Leak Alarm: 9V tone generator max. output 95db

Dump Alarm: Apex low profile automatic

Max Depth: NO MORE THAN 4 METRES

Lens: Maximum wide angle is 12mm.

Start/Stop: Accessible through optional fingerstall in side of housing. Optional pistol grip on/off also available.



Included Items

ST5 External Monitor shell only

Gates [info popup: seal-check] system

Pelican Case

Tool & O-Ring Kit

Equipment Required

Camera: ARRI ALEXA Mini

CFast Memory Card

Transvideo StarLite LCD Monitor

V-Lock type battery

PL LENS of choice.



AXIS

In the air.

Axis Grip is the lightweight stabilized camera and aerial filming service arm of Special Grip Hungary.

HAMMER X8 OCTOCOPTER

Our Kopterworx Hammer X8 is arguably the best octocopter to date for the most demanding filming needs. Designed by professionals who use this beast on a day to day basis, we can fly the top of the lens range used on movie sets.

SPECIFICATIONS:

- Approximate take-off weight:** 20 kgs.
- Useful payload:** up to 10 kgs (including gimbal)
- Typical camera setup:** ARRI Alexa Mini or RED
- Lens options:** anamorphic or spherical, up to approximately 2-2.5 kgs, ie: Zeiss Ultra Prime, Cooke S4 or Hawk.

MÖVI RIGS

Bring big-budget camera moves to your productions.

SLINGSHOT

With the SlingShot system we can take on longer shots with ease and still achieve full range of motion, combined with a wide range of high and low mode shots from over 10 ft high down to ground level in one take.



CAMERA CONTROLS

In the air.

MÖVI CONTROLLER

The MöVI Controller has redefined Dual Operator Mode for the MöVI. Control of pan, tilt, and roll has never been more intuitive

GIMBALL WHEEL

The Walter Klassen Gimbal Wheel is essentially a “gearhead” for the MöVI.

FREEFLY MIMIC

With this new MöVI Control method, there are no joysticks, knobs or wheels. Just tilt, pan or roll and the MöVI will follow.



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WERK PHOTOS

On location.



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