

**BONGO**BONGO

# TECHNICAL SERVICES

**2019 — 20**



# CONTENTS

About BongoBongo.....	3
Gimbal Operators.....	5
Equipment   Technical details .....	6
Movement Chase Car .....	8
Equipment   Technical details .....	9
Chase car modes .....	10
Movement Shotmaker.....	11
Equipment   Technical details .....	12
Aerial Cinematography.....	13
Drones.....	14
Cable Cam .....	15
RC Camera Car.....	16
Equipment   Technical details .....	17
Team .....	18
Contact & Insurance .....	19



## ABOUT

# BONGO BONGO

**WE ARE** Helsinki based production service company, founded 2016 that specializes in technical solutions for stabilized images.

**WE PROVIDE** solutions for cinematographers and directors to find new ways to utilize camera movement.

**OUR CUSTOMERS** work in the movie, television, advertising, music video and live events industries.



---

# **SERVICES & EQUIPMENT**



# GIMBAL OPERATORS



- ⊕ Our operators help cinematographers and directors to previsualize and create camera movements that have not been possible before.
- ⊕ Various different camera control options bring more flexibility to image creation. We work with **Movi Pro** and **Ronin 2** gimbals. We offer gimbal operator and technician.



# GIMBAL EQUIPMENT



## MOVI PRO

Maximum load ..... 6.4 kg  
Pan angle ..... Continuous 360°  
Tilt angle .....  $\pm 170^\circ$   
Roll angle .....  $\pm 120^\circ$

### Compatible cameras

E.g. Red cameras, Arri Alexa mini, Canon EOS C100, Canon EOS C300, DSLR cameras, Black Magic Ursa Mini, Black Magic Cinema Camera, Aaton A-Minima

## RONIN 2

Maximum load ..... 13.6 kg  
Pan angle ..... Continuous 360°  
Tilt angle .....  $\pm 135^\circ$   
Roll angle .....  $\pm 220^\circ$   
(Controlled roll angle  $\pm 30^\circ$ )

### Compatible cameras

E.g. Red cameras, Arri Alexa mini, Arri Alexa XT, Canon EOS C100, Canon EOS C300, DSLR cameras, Black Magic Ursa Mini, Black Magic Cinema Camera, Sony FS7, Arriflex 416 Plus, Arriflex 235



# GIMBAL EQUIPMENT



## FOR LIGHTER OPERATION

### RONIN S

Maximum load .....	3.6 kg
Pan angle .....	Continuous 360°
Tilt angle .....	+185° / -95°
Roll angle .....	±360°

### Compatible cameras

E.g. 5D MK IV, Canon 6D MK II, Panasonic GH5, Nikon D5, Nikon Z7, Sony A7S II, Sony A7 III, Sony A6500



# MOVIE<sup>®</sup>MENT

## CHASE CAR

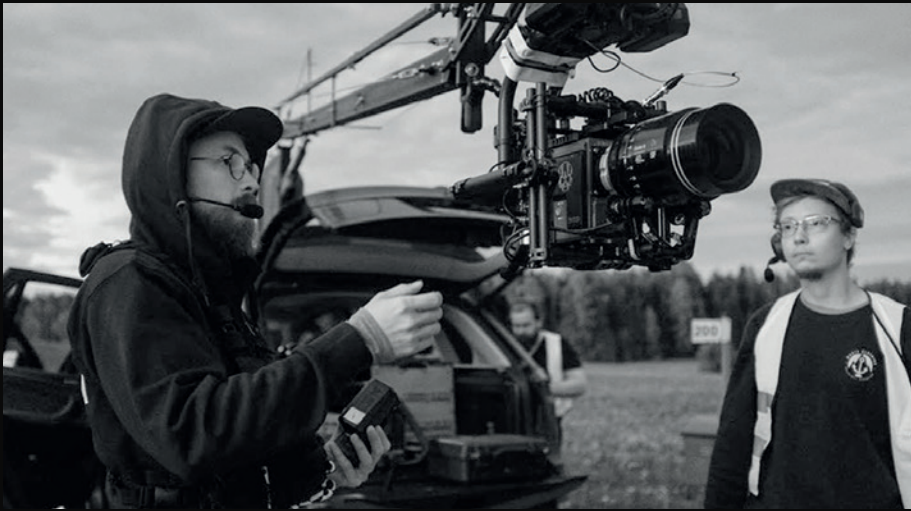


- + We offer the first crane car developed in Finland which provides new opportunities for shooting moving images.
- + The crane can be disassembled and fit into a car. Alternatively, we can also deliver the assembled crane to the filming location.
- + Driving the crane car on public roads is legal and does not require any special permits.



# MOVIEMENT<sup>®</sup>

CHASE CAR



## TECHNICAL DETAILS

Vehicle .....	BMW X5
Engine.....	3.0D / 304HP / 600NM
Transmission .....	4WD (automatic transmission)
Suspension .....	Self-leveling air suspension on the rear
Seats .....	5 seats (3 for the team)

## CRANE DETAILS

Arm length.....	3.6 m
Maximum height.....	5.5 m
Maximum load .....	20 kg
Maximum speed.....	120 km/h
Rotation angle.....	Continuous 360°
Tilt angle.....	±75°
Weather resistance .....	IP65



# CHASE CAR

## MODES



### **MODE 1 CRANE CAR**

Enables dynamic high and low angles and camera movements. Camera angles can be easily changed while the vehicle is in motion.



### **MODE 2 HARD MOUNT**

Provides an alternative solution for production with a smaller team (2 persons). Multiple mounting points can be installed in the vehicle at the same time.



# MOVIE<sup>®</sup> SHOTMAKER



- + The Shotmaker provides cinematographers a safe solution for shooting moving objects.
- + With the Shotmaker's innovative anchor point system, the camera and lights can be securely mounted on the platform on the rear of the vehicle.
- + The Shotmaker includes aluminum pipe railings, belted seats for camera operators, Euro Mount for the camera (compatible with the anchor point system), a fixed monitor (1pcs), mounting points for the camera crew's other monitors, and 12v d-tap connectors.
- + The car can carry a total of six passengers and one driver. The platform has room for e.g. **Technocrane 22**.



# MOVIE<sup>®</sup>SHOTMAKER

## TECHNICAL DETAILS

Vehicle .....	Iveco Daily 40C
Engine .....	3.0D / 170HP, 400Nm
Transmission .....	RWD (manual transmission)
Seats .....	7 seats

## MAIN PLATFORM

Dimensions .....	300 x 215 cm
Maximum load .....	1,200 kg

## FRONT PLATFORM

Dimensions .....	70 x 160 cm
Maximum load .....	150 kg

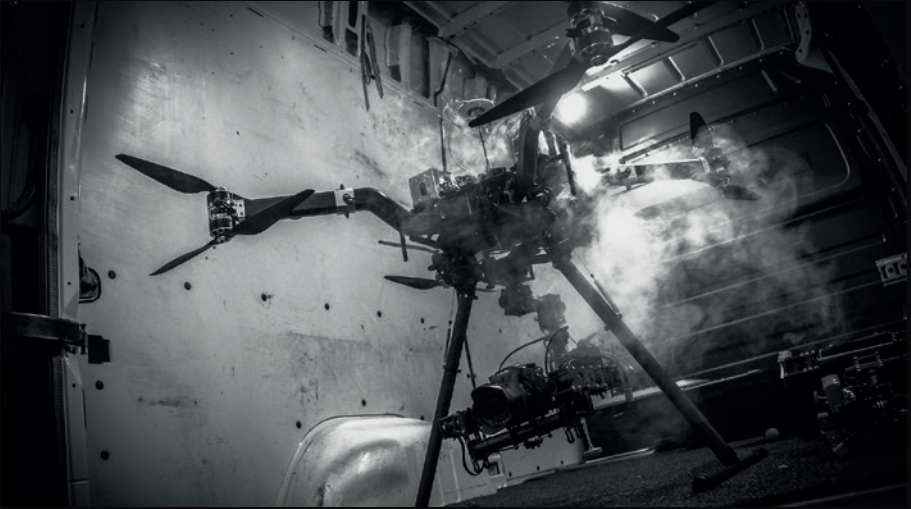
## LOWERED PLATFORM

Dimensions .....	100 x 215 cm
Maximum load .....	200 kg

## ROOF PLATFORM

Dimensions .....	100 x 160 cm
Maximum load .....	150 kg

# AERIAL CINEMATOGRAPHY



- + Our aerial cinematography service provides solutions for various production needs.
- + In addition to cameras, drones can also be used to carry lights or props.
- + Our pilots will take care of potential licenses and flight permits on behalf of the production team.
- + We will discuss the equipment and team required for the task in more detail with you as we prepare your quote.



# DRONES

## TECHNICAL DETAILS



### HEAVY DRONES

For carrying large cameras and lights.

### MEDIUM DRONES

Payload 2–4 kg, suitable for 360-degree cameras or SLR cameras.

### LIGHT DRONES 1

Inspire 2, Matrice 210 RTK. Camera options: DJI x5S, DJI X7, inspection cameras, and thermal imaging cameras. Long flight time and excellent camera control features. Wireless focus is included in the price.

### LIGHT DRONES 2

Phantom 4 Pro, Mavic 2 Pro, Mavic 2 Zoom

### COMPACT AND PORTABLE OPTIONS

4k 60fps videos and logs possible in h.264/h.265.

Racing – Class 220 and 260 racing drones, possibility to use e.g. GoPro 7 or Black Magic Micro Cinema cameras.



# CABLE CAM



- + A cable cam is the best solution when you want to shoot fast-moving objects in places where drones and other vehicles can't go. The cable cam is safe to operate both indoors and outside.
- + The maximum cable length is up to 400 meters.
- + The cable cam can carry a load of 35 kg at a speed of 48 km/h.
- + Possibility to attach **Movi Pro**, **Ronin 2**, or heavier remote heads. The price will be determined based on the equipment and the size of the team required for the shooting.

# RC CAMERA CAR



- + The RC Camera Car enables unprecedentedly stable and dynamic low-angle shots.
- + Thanks to the Rover Cam's remote control functionality, placing a camera right in the middle of the action is now possible.
- + The Rover Cam works with **Movi Pro**, so you do not need to make compromises on image composition.
- + The Rover Cam is operated by a two-man team.

# RC CAMERA CAR

## TECHNICAL DETAILS

Operating head.....	Movi Pro
Maximum load .....	6.4 kg
Pan angle .....	Continuous 360°
Tilt angle.....	+170° / -75°
Roll angle .....	±120°
Lens height.....	Approx. 50 cm from the ground
Maximum speed.....	35 km/h
Maximum remote control range .....	150 m
RC-Rover height with operating head.....	80 cm
RC-Rover height without operating head .....	11 cm

### Compatible cameras

E.g. Red cameras, Arri Alexa mini, Canon EOS C100, Canon EOS C300, DSLR cameras,  
Black Magic Ursa Mini, Black Magic Cinema Camera, Aaton A-Minima

# TEAM



**SAMI REHMONEN**

Gimbal Operator



**JOONAS SAINEN**

Gimbal Technician / Grip



**JANI NIKANDER**

Billing and Administration



**THOMAS VIKFORS**

Precision Driver



**JYRIMATTI HOLM**

Gimbal Operator /  
Gimbal Technician



**PETER SALOVAARA**

Cinematographer / Still Photo-  
grapher / Steadicam Operator



**JANI PIISPA**

Aerial Cinematography /  
Cable Cam



**MIIKA KARLSSON**

Aerial Cinematography /  
Cable Cam



## **SALES & BOOKING**

Tel. +358 44 231 82 36

E-mail: [booking@bongobongo.fi](mailto:booking@bongobongo.fi)

## **INSURANCE**

Our insurance covers any potential damage to the customer or third parties caused by our equipment. Our staff is also insured. You can ask more about our insurance coverage when you ask for a quote.



