



2 axis / Arm length from 4m to 7,60m / Pan 360° / Digital cinema / 150km/h

The Russian Arm is the most efficient and functional robotic arm on the market. It can be used on our all equipped Mercedes ML63 or any other moving platform (vehicle, boat, etc.). Already gyro-stabilized on two axis (pan and tilt), the arm comes with the 3 axis gyro-stabilized Flight Head V. This combination eliminates all jolts and vibrations. This way, it provides to the film crew the possibility to capture very dynamics images, close to the subject, with perfect horizon and a very fluid result. Depending on the version of the arm (V or VI), it can produce a 360° pan in 4.5sec, with an arm offset up to 7.60m on its horizontal position and from -4.10m to 6.60m on the vertical axis for the Russian Arm VI. The Flight Head is operated via joysticks or cranks from inside the vehicle. It can be used for digital cinema or broadcast.

The Russian Arm is mostly used on a camera car prepared for this purpose (Mercedes ML, Porsche Cayenne...) that can carry 5 to 6 people and is covered with a matte black paint avoiding unwanted reflections. It is equipped with an integrated video system.

To be closer to your filming locations, we operate equipment based all over the world: Amsterdam, Barcelona, Lisbon, Budapest and Cape Town.

Main characteristics:

Russian Arm V & VI

- 2 axis high-performance gyro-stabilization
- Pan 360° in 6sec (Russian Arm V) and 4,5sec (Russian Arm VI)
- Max. speed 150km/h
- Set up time: 2hs to 3hs
- Arm length: 4m to 6m (Russian Arm V), 4,3m, 5,5m, 6,5m and 7,6m (Russian Arm VI)

Flight Head V

- 3 axis high-performance gyro-stabilization
- Great range of camera/lens combinations
- Back pan compensation integrated
- Auto-horizon
- Pan 360°, Roll 270°, Tilt 200° - à 120°/sec.
- Max. payload: 40kg

Russian Arm

Technical specifications

RUSSIAN ARM V

- 2 axis gyro-stabilization
- Max. boom length: 6m
- Boom length options: see pattern
- Max. and min. lens height range: +5,4m and -3,9m (more details on the pattern)
- Crane pan speed: 360° in 4,5sec
- Max. payload: 50kg
- Max. operating speed: 150km/h
- Set up time: 2 à 3 h
- Temperature range from -40°C to +50°C

RUSSIAN ARM VI

- 2 axis gyro-stabilization
- Max. boom length: 7,62m
- Boom length options: see pattern
- Max. and min. lens height range: +6,6m and -4,1m (more details on the pattern)
- Crane pan speed: 360° in 4,5sec
- Max. payload: 50kg
- Max. operating speed: 150km/h
- Set up time: 2 à 3 h
- Temperature range from -40°C to +50°C



FLIGHT HEAD V

- 3 axis gyro-stabilization
- Back-pan compensation
- Rf Wireless capability
- Auto Horizon can be turned off for greater control of Roll Axis
- Pan 360°, Roll 270°, Tilt 200° at 160°/sec.
- Max. payload: 40kg
- Weight: 24kg
- Mitchell Mount
- Temperature range from -40°C to +50°C

OPTIONS

- Possibility to adapt the Russian Arm & the Flight Head on any other type of moving platform

