

ROBYCAM ARENA MULTIDIMENSIONAL CABLE-SUSPENDED CAMERA SYSTEM



ABOUT ROBYCAM ARENA

Robycam Arena is a smaller version of the Robycam Arena cable-suspended camera. It is designed to be used in TV studios and small and medium-size sports venues, for example, basketball or ice-hockey halls. The system is equipped with new-generation carbon-fiber Robyhead R3 camera head that fully controls camera view angles with endless 360° pan and active roll with auto horizon. All the necessary fiber-optic converters are integrated into the system, so there is no need to apply any external equipment, which can significantly simplify the utilization process.

The winches of the system may be easily placed in venues with limited space still providing enough pulling force to maximize the working height of the camera and achieve an extremely small drop angle of 4.5°.

Same as original Robycam Stadium, Arena can be installed in both 3D (4 winches) and 2D (2 winches) modes. In both ways, video signal and camera head controls are delivered to/from the dolly via a fiber-optic cable integrated into one of the catenary cables.

Robycam Arena is also equipped with integrated driftless Compass AR Tracking technology that enables to incorporate basic and complex AR graphics by major international providers. Well-tailored software is designed to set geometrically complex safety zones even exclude physical objects from the working perimeter. Access to the system control for the certified staff is granted through the finger-print verification. Pilots and supervisors have to go through the advanced training and examination routine, organized by the Head Office. The system has been proved to comply with DGUV 17/18 (former BGV-C1) German safety standard and conforms to all the other major regional safety requirements.



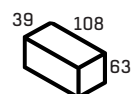
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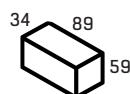
ROBYCAM ARENA SYSTEM FEATURES

Digital 3-axis gyro-stabilization	8K ready
Motion Control / Pre-recorded movements	Integrated driftless Compass AR Tracking
4K/HDR cameras: Sony HDC-P50, HDC-P43, Grass Valley LDX C98, Panasonic AK-UB300, Sony Venice, ARRI Alexa Mini, RED cameras	Working zone: 80m x 80m
	Run-time: up to 6-8 hours
	Minimum drop angle $\approx 4.5^\circ$

Winches dimensions (cm)



Power winch



Winch control box



RECENT REFERENCE

2022, 2020 CHL Final (Sweden, Czech Republic)

2022-2018 Sky Italia Studio installation (Italy)

2021, 2019 IIHF World Ice Hockey Championship (Latvia, Slovakia)

2021-2017 KHL matches (Russia)

2021 Roland Garros Tournament (France)

2021 WePlay AniMajor Dota 2 Major (Ukraine)

2018-2024 IIHF World Hockey Championships (Czech Republic, Finland, Latvia, Slovakia, Denmark)

2018-2024 Champions Hockey League

2020 International Swimming League (Hungary)

2019 FINA World Aquatics Championships (South Korea)

2019 PUBG Asia Invitational (Macao)

Robycam
Global