DATA SHEET

TeleScope Robotic Jib

EVS has developed a new robotically controlled camera jib system called the TeleScope that is mounted on the EVS OmniGlide Robotic Roving Pedestal, significantly redefining the jib in production workflows.

Like most jibs, the new TeleScope jib system can be used to capture shots that would be difficult or impossible to get with other equipment, such as overhead shots, long sweeping moves, or 360-degree shots. However, the mobility afforded by the OmniGlide rover base makes it the most mobile jib on the market while being remotely controlled by an operator sitting at the EVS Choreon control panel.

Dimensions That Fit Your Studio

With a fully featured OmniGlide base for optimal movement, The TeleScope can carry a payload of a full-sized camera, lens and small teleprompter. The unique jib is available in different sizes.

Smooth On-Air Performance

The TeleScope provides users with sweeping, high moves combined with the unique mobility of the OmniGlide rover to move in different directions quickly and in a consistent, preprogrammed way. Typically, the jib is not operated simultaneously with the OmniGlide rover, but the rover can be used to quickly reposition the jib in the middle of a production between live shots as required. No other jib on the market can do this.

Freedom To Capture Wide Range of Angles

The TeleScope offers virtually unrestricted movement, with a vertical range of motion that goes from 275 mm high (1 foot) to 2,215mm (approx. 7.5 feet), depending upon the specific camera model. Rather than move it manually, the operator sits at a EVS Choreon control panel to direct the jib tomove vertically, horizontally, or in an arc.

Remotely Controlled Safety Assurance

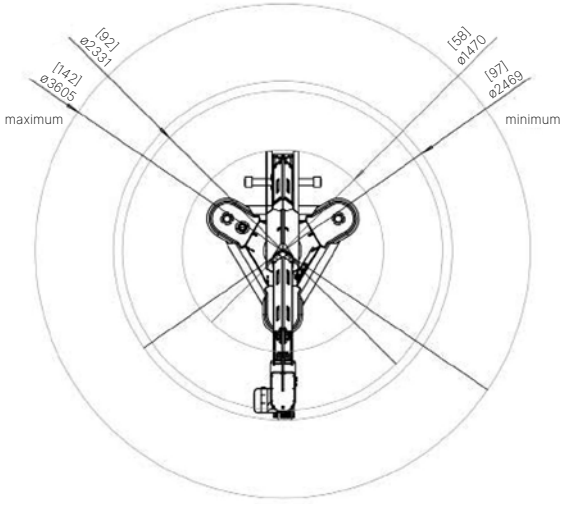
The TeleScope is loaded with dozens of Time-Of-Flight safety sensors that completely cover the jib's extension arm and OmniGlide base to keep crew safe and avoid unwanted collisions with set pieces.

This powerful combination of the jib and studio rover avoids having to use technical crew in the studio. During production, the operator always has full visualization of the jib and objects in the studio on the Choreon panel back in the control room (which could be located down the hall or across the globe).

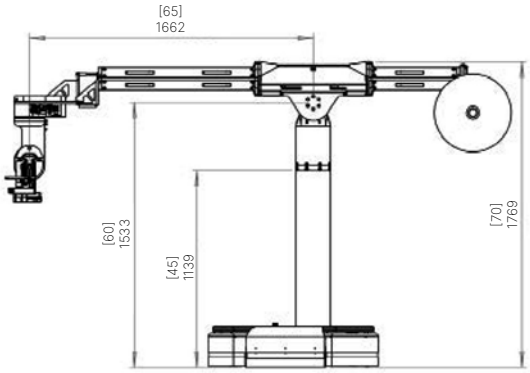
The TeleScope will also be available mounted onto a manual dolly, for specific requirements.

TeleScope Robotic Jib

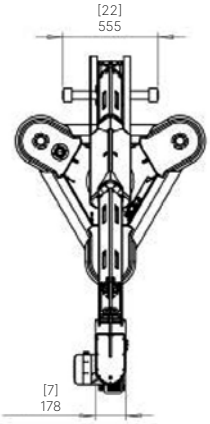
STANDARD JIB	
Arm Length	Payload arm: 1662mm (5.4ft) - (outer surface of LP head) Counterweight arm: - (to outer surface of counterweight)
Payload	50 lbs (22.68kg): camera, lens
Max Height	2822mm (111.10 in)
Min Height	1769mm (69.65 in)
Camera Heights	Some variation based on PT head balancing Max: 2284mm (89.92 in) Min: 229mm (9 in)
Weight	Min: 264 lbs Max: 427 lbs
Linear Speeds	11in/sec

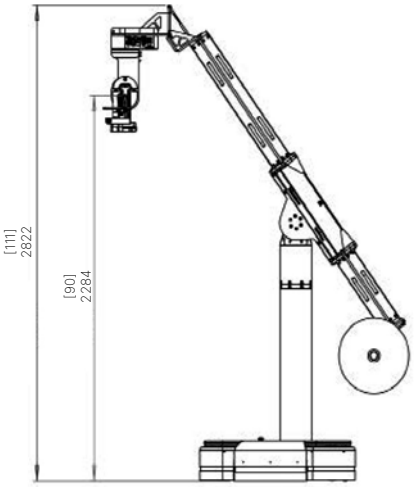


Footprint

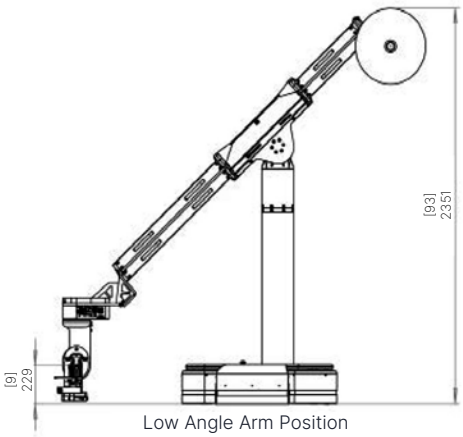


Horizontal Arm Position





High Angle Arm Position



Low Angle Arm Position

Numbers in brackets on diagrams indicate measurements in inches. Otherwise, measurements are listed in millimeters.

EVS is globally recognized as the leader in live video technology for broadcast and new media productions. Our passion and purpose are to help our clients craft immersive stories that trigger the best return on emotion. Through a wide range of products and solutions, we help deliver the most gripping live sports images, buzzing entertainment shows and breaking news content to millions of viewers every day – and in real-time.