

CARBON FIBER SCORPIO CRANE SPECIFICATIONS

The Scorpio Carbon Fiber Crane is a modular camera crane for cinema and television productions, designed and manufactured by ServiceVision. The main feature of this equipment is its carbon fiber arm construction, which significantly reduces the total weight of the structure without compromising rigidity.

Below are the main technical specifications and capabilities of this fixed crane model:

Technical Specifications

Attribute	Technical Detail
Manufacturer	ServiceVision
Core Material	Carbon Fiber
Length Configurations	Modular, ranging from 3 meters (10 ft) to 15 meters (50 ft)
Section Length	2.77 meters (9 ft) per arm segment
Max Payload (up to 13m)	70 kg (154 lbs) payload capacity
Max Payload (up to 15m)	45 kg (99 lbs) tip capacity
Locking System	Quick-lock pins for fast assembly and disassembly
Arm Stabilization	Adjustable tension cables and mechanical stabilizing system
Column Elevation	Includes a 30 cm (1 ft) column riser
Dolly Compatibility	Standard 62 cm and 1 meter track widths

Key Advantages

Harmonic Reduction: The integrated mechanical design minimizes structural vibrations and unwanted oscillations (harmonics) as soon as the crane movement stops.

Fast Modularity: The arm sections are easily assembled and disassembled using quick-release connectors, allowing crew members to adapt the crane's reach based on the available space on set.