

FUSION FP145 ROBOTIC PEDESTAL

The Fusion FP145 Robotic Pedestal has a maximum payload of 85kg (187lbs), designed to support the Vinten Radamec Fusion robotic heads and today's cameras, lenses and prompters.



The quality of performance in manual or robotic mode allows a studio to be used as either fully robotic or fully manual, without compromising the operator's familiarity with Vinten's manual pedestals or the Radamec/Autocam robotic user interfaces.

The unique four-wheel design incorporates a flexible chassis, which accommodates uneven floors, and significantly improves the repeatability of position, without affecting the on shot quality of movement.

The pedestal stroke range is 765mm (30"), with full crab and steering capability in manual control.

There is a simple mechanical changeover to transfer the pedestal from robotic controlled to a fully manual system and to return it back to a fully robotic pedestal.

Key Features

- ➔ Payload and pricing to meet the needs of modern camera configurations
- ➔ Improved accuracy over the RP2a and SP2000 dead reckoning navigation systems
- ➔ Full genuine broadcast quality on shot movement capability
- ➔ Actual Vinten performance manual control when in manual mode
- ➔ Clever electronics and power modules for ease of maintenance and running time
- ➔ Compatible with the Vinten Radamec Control Systems

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The fully continuous steering capability is delivered through the column found on the Osprey Elite product in the Vinten manual studio range, allowing most studio pedestal operators to be instantly familiar with the operating benefits of perfect balance.

With all the on shot characteristics you would expect from the Radamec and Vinten stables, the fully robotic pedestal has a maximum height velocity of 150mm (6") per second, and a maximum floor speed of 300mm per second (12").

The new navigation system uses a floor target with a

simple straight-line update path. The new error calculation algorithms increases the accuracy and repeatability of the floor movement, providing class leading performance.

The electronics are housed in easy access modules in the base of the pedestal, allowing board and full pack swap out, as well as table top testing of failed units.

The pedestal is compatible with the Vinten Radamec Control System, the Vinten Radamec Fusion Head (FH100) and the NEW Vinten Radamec Robotic Fusion Head (FHR100).

Technical Specification

Height Range	675mm (manual), 685mm (robotic) to 1430mm
'On Shot' Stroke	765mm (30")
Doorway Tracking Width	780mm (31")
Steering Ring Diameter	635mm (25")
Maximum Floor Speed	300mm per second (12" per second)
Minimum Floor Speed	25mm per second (1" per second)
Maximum Height Speed (On Shot)	150mm (6") per second
Manual Operation	Yes
Power Consumption Peak	750W
Power Input	Autoranging 110-240V AC 50/60 HZ
Maximum Payload	85 kg / 187 lbs

Specifications and features subject to change without notice

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