SP-2000

FREELY NAVIGATING SERVO PEDESTAL

The **SP-2000** is a freely navigating XY servo pedestal designed to operate with the HS-2010 heads from the Vinten Radamec Control system to support full facility CCD studio or portable cameras together with any combination of lens, viewfinder or teleprompter up to a maximum payload of 145kg / 320lbs.

The XY base has specially designed servos with a proprietary guidance and position sensing system that produces a very high performance. A closed loop reference system avoids the need for constant visibility of the reference target during use. Once the target co-ordinates have been loaded into the system, the pedestal will operate with unparalleled accuracy for extended periods without needing to verify position with external sources. An exclusive split wheel design ensures that pedestal tracking has a very low cumulative error and will maintain accuracy beyond the length of any expected production.

The SP-2000 features an on-board battery pack/ uninterruptible power supply, which instantly and invisibly switches over in the event of a power failure. This feature also allows convenient cable free movement between studios.

Key Features

- Proven technology and manufacture as the industry leading robotic pedestal
- Payload can carry all known broadcast application camera configurations
- Maintains camera payload leading accuracy and reliability
- For operation with the Vinten Radamec Control System

SP2000

FREELY NAVIGATING SERVO PEDESTAL

Technical Specification

Pedestal Weight	268kg / 590 lbs
Pedestal Payload	145kg / 320 lbs
Steer Angle (Continuous)	360°
Drive Velocity (Max)	300mm/second / 12”/second
Drive Velocity (Min	25.4mm/second / 1”/second
Drive Acceleration (Max)	300mm/second/second / 12”/second/second
Height Velocity (Max)	300mm/second / 12”/second
Height Velocity (Min)	25mm/second / 1”/second
Height Acceleration (Max)	127mm/second/second / 5”/second/second
Height Range (Min)	620mm / 24.4in
Height Range (Max)	1270mm / 50in
Depth	1016mm / 40in
Width	1054mm / 41.5in
Target Dimensions	610mm x 610mm / 24” x 24”
Number Of Targets (Min)	One
Power Supply Requirement	100-240V / AC 50/60 Hz
Power Consumption (Peak)	1000w

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Vinten / RADAMEC BROADCAST ROBOTICS

Robotic Camera Control Systems