

# Vinten Radamec Quattro SE

## Encoded Manual Pedestal

Up to 85 kg (187 lbs)



The **Quattro SE** is a lightweight and compact manually operated pedestal with built in encoders, making it perfect for today's virtual studios.

Building on the award winning Quattro S, the SE variant maintains all of the benefits of the ergonomically assisted lifting column, the small doorway width, and the on shot performance of any Vinten pedestal.

To provide the tracking solution, high quality precision encoders have been integrated into the wheels and column. Also included is one electronics module, and base processor which deliver the accurate position data for all axes. This combination with the head information provides precise real time digital electronic positioning over the floor and in elevation.

A PDA is included to provide the configuration and operator's user interface, significantly simplifying the set up in the virtual studio. This is delivered through the latest calibration routines, head set up and optical axis offset input, whilst also providing the operator with enhanced functionality such as quick homing, and virtual set trimming.

The homing procedure has been simplified further for ease of operation, with flexibility on the direction and angle of approach, and a fast targeting option. A cable management system is incorporated into the pedestal, to prevent the cable being caught or tangled during repositioning.

In keeping with Vinten Radamec's aim to simplify virtual tracking solutions, the output from the pedestal is integrated with the Vision 250E, Vector 430i, Vector 750i and Vector 950i head and lens position feedback into a single data channel to the rendering system of a virtual software image generator.

The combination of simplified homing and set up procedures, precise digital electronic positioning and on shot performance ensure that the Quattro SE is an ideal solution for virtual studios around the world.



### Technical Specification

Part Number	V3851-0001 * V3851-0002 **
Maximum Height	1498 mm / 58.9 "
Minimum Height	498 mm / 19.6 "
Weight (Without Trim Weights)	136.35 kg / 300.6 lbs
Maximum Payload	85 kg / 187 lbs
On Shot Stroke	1000 mm / 39.4 "
Transit Doorway Width (With Small Steering Ring)	74.5 cm / 29.3 "
(With Large Steering Ring)	82 cm / 32.3 "
Ground Clearance	20 mm / 0.78 "
Cable Guards	Single Point Action
Repeatability	X & Y +/- 70mm +/- 1° (triangle move)
Degrees of Freedom - Pedestal only	4 X, Y, Z & Base Orientation
Degrees of Freedom - additional to pedestal, but included in serial protocol output	4 (P, T, Z, and F)
Resolution (X, Y, Z)	±<1mm
Resolution (Orientation)	± 0.02°
Position Protocol for VR system	Available on request

\* Americas, EMEA & Asia  
\*\* Japan

### Key Features and Benefits

- + Best in class manual capability
- + Precise, real time digital electronic positioning of floor and height movement
- + PDA user interface simplifies set up in the virtual studio and provides positional feedback and calibration data