

# FUSION FHR120

## ROBOTIC ONLY HEAD

The **FHR120 Fusion Robotic Only Head** from Vinten Radamec has been designed for use as a standalone device or for seamless integration with Fusion Robotic and Manual Pedestals and the NEW Bolt on Height Drive FBH 175, where manual capability is not likely to be required.



The Fusion head has a 55kg / 125lbs payload.

The head has been developed by removing the manual changeover mechanism from the FH100 allowing for a smaller, lighter head

The straightforward robust mechanical design and leading edge electronics development provide the perfect combination for a high performance head, both in flexibility and in accuracy, with head positioning repeatability of 180 Arcseconds.

The integral lens drive has automatic configuration for directly driving any full servo digital Canon or Fujinon broadcast lens, increasing the operational flexibility further.

### Key Features

- ➔ The most affordable broadcast quality on shot movement head
- ➔ Direct drive of all broadcast quality full servo digital lenses from Fujinon and Canon
- ➔ Additional mounting points for preview monitors to further improve on shot performance

The head contains its own power supply unit, allowing for mains to be taken into the head, either from the pedestal, or directly from the studio supply.

The FHR120 Robotic Head is compatible with all Vinten Radamec Control Systems and Fusion Pedestals.



## Technical Specification

Height	500mm / 19.7"
Width	220mm / 8.7"
Length	390mm / 15.4"
Weight	21kg / 46.2 lbs
Maximum Payload	55kg / 125 lbs
Pan Range	359°
Maximum Speed – Pan/Tilt	60°/Sec
Minimum Speed – Pan/Tilt	0.1° /second
Repeatability	3 mins of arc
Fixing Details	4 x M6 equally spaced on 84mm diameter 4 x M6 equally spaced on 3.3" diameter
Tripod adaptor available	
Integral Power Supply Unit	Autoranging 110-240V AC 50/60 Hz
Maximum Power - Peak Power	200 Watts IEC Type A connector
Lens Control Outputs	Direct to Canon or Fujinon Digital Full Servo lenses via 9 pin connector to lens manufacturer standard

Specifications and features subject to change without notice

# DRIVING THE FUTURE

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