CamBot

Reliably Accurate Robotic Pedestals
The Cambot range of free-roaming pedestals offers three distinct choices to suit a wide variety of studio applications and capital budgets. All three members of the series are built on the same proven pedestal base. This base features the industry’s best accuracy and floor repeatability, fast and easy targeting, and a straight-forward design that provides years of reliable, low-maintenance operation.

### FEATURES & BENEFITS

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNIQUE DIFFERENTIAL STEERING</td>
<td>The Cambot’s unique two-served design eliminates the wheel-scratching that results in the rapid accumulation of floor error that plagues caster-based designs.</td>
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<tr>
<td>LOCAL / MANUAL CONTROL</td>
<td>Cambot’s local control module allows an operator to convert the system to a manually operated pedestal and use it hand-as-fits-of-a-switch. Because the motors and encoders remain engaged all the time, the robot continues to track its position, eliminating the need for re-homing once it is returned to full robotic control.</td>
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<tr>
<td>RAPID, ACCURATE TARGETING</td>
<td>Targeting is based on optical pattern recognition technology that provides sub-millimeter accuracy and takes less than a second to complete.</td>
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<tr>
<td>VIRTUAL TRACKING DATA</td>
<td>All Cambot XY pedestals offer high-resolution virtual tracking data as a standard feature on all seven axes, even when being operated manually. Combined with unbeatable floor accuracy, Cambot XY pedestals are ideal for adding augmented reality to existing hard sets, or for use in full-blown virtual sets.</td>
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<tr>
<td>KEYFRAMED MOVES</td>
<td>Using MotionDirector technology, all Cambot XY pedestals can be programmed with keyframes and adjusted while in movement. Creating beautiful moves for unique programming.</td>
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</table>

### 600XY-S2
- **Max. Net Payload:** 57 kg (125 lbs)
- **Max. Lift Speed:** 12.7 cm/s (5”/s)
- **Elevation Range:** 50.8 cm (20”)
- **Max. Elevation (to Tilt Axis):** 163 cm (64.3”)
- **Max. XYZ Speed:** 30 cm/s (12”/s)
- **XYZ Repeatability:** ±0.1%
- **System Weight:** 155 kg (341 lbs)
- **Virtual Tracking Data:** Included, 7-axes

### 600XY-S3
- **Max. Net Payload:** 57 kg (125 lbs)
- **Max. Lift Speed:** 15 cm/s (6”/s)
- **Elevation Range:** 76.2 cm (30”)
- **Max. Elevation (to Tilt Axis):** 179 cm (70.6”)
- **Max. XYZ Speed:** 30 cm/s (12”/s)
- **XYZ Repeatability:** ±0.1%
- **System Weight:** 162 kg (357 lbs)
- **Virtual Tracking Data:** Included, 7-axes

### 700XY
- **Max. Net Payload:** 90 kg (200 lbs)
- **Max. Lift Speed:** 15 cm/s (6”/s)
- **Elevation Range:** 76.2 cm (30”)
- **Max. Elevation (to Tilt Axis):** 179 cm (70.6”)
- **Max. XYZ Speed:** 30 cm/s (12”/s)
- **XYZ Repeatability:** ±0.1%
- **System Weight:** 170 kg (375 lbs)
- **Virtual Tracking Data:** Included, 7-axes

### SPECIFICATIONS

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<thead>
<tr>
<th>FEATURE / PERFORMANCE PARAMETER</th>
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<tr>
<td>Min &amp; Max. Pan/Tilt Speed</td>
<td>0.001-90 deg</td>
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<tr>
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Ross Video has a complete range of technical services available to ensure that your CamBot installation is a success.

**Operational Training** can be provided at Ross Video, on-site, or on the web. Experienced Ross operators will teach your staff to get the most out of your new system and enhance your productions.

**Commissioning** is a service to help get your production system properly configured, connected, and installed. This service is performed by factory-trained Ross technical staff.

**Technical Training** can be provided at Ross Video, on-site, or over the web. Technical training will teach your engineering staff the technical details of the system you have purchased. System configuration, interfaces, databases, and routine maintenance procedures are some of the topics covered.

Your CamBot comes standard with a 1 year comprehensive warranty. Extended Warranties on hardware and software maintenance are available for an annual fee.

Technical advice is available on-line, by telephone, or email to Ross Video – Included for the life of your system.

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