



## Camerobot for Studio Automation

Welcome to flexible and efficient studiomation technology

- Ultra-fast, high precision robotic arm.
- Ideal for high-speed filming and special effects.
- Outstanding rigidity and dynamics.
- Compact and lightweight.
- Floor mounting or ceiling mounting.
- MHC control software.



[www.mrmoco.com](http://www.mrmoco.com)

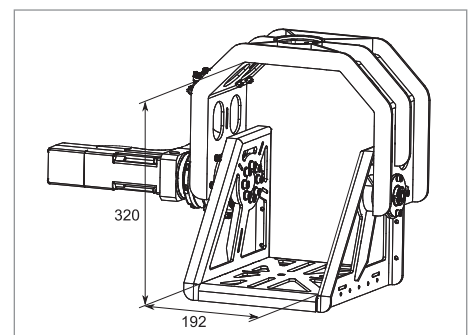
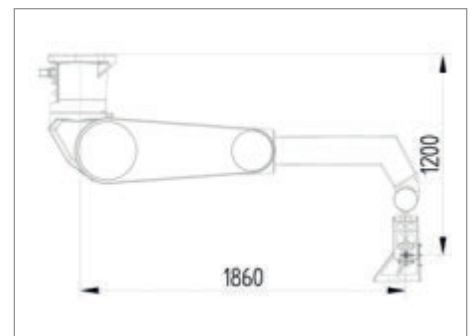
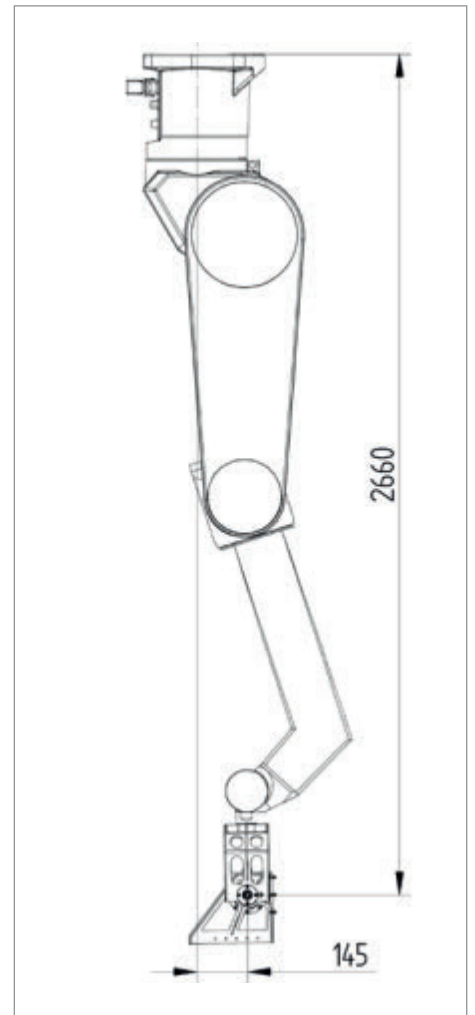


Mark Roberts Motion Control

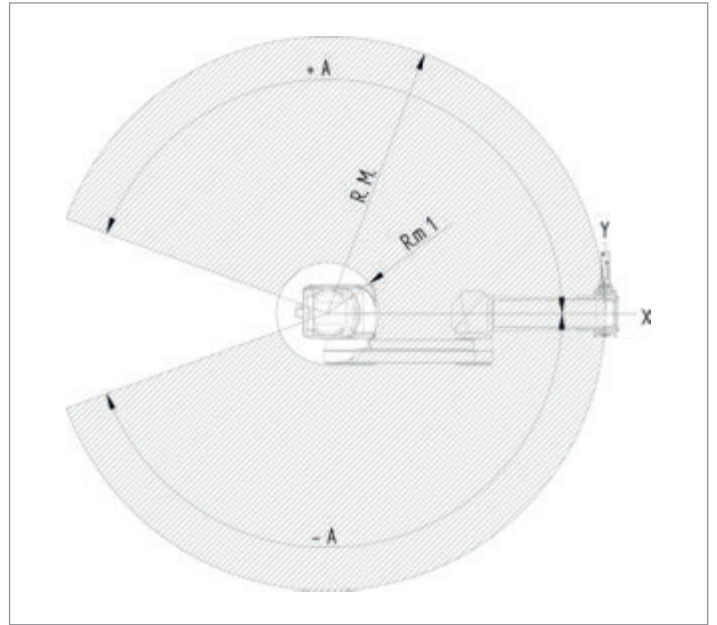
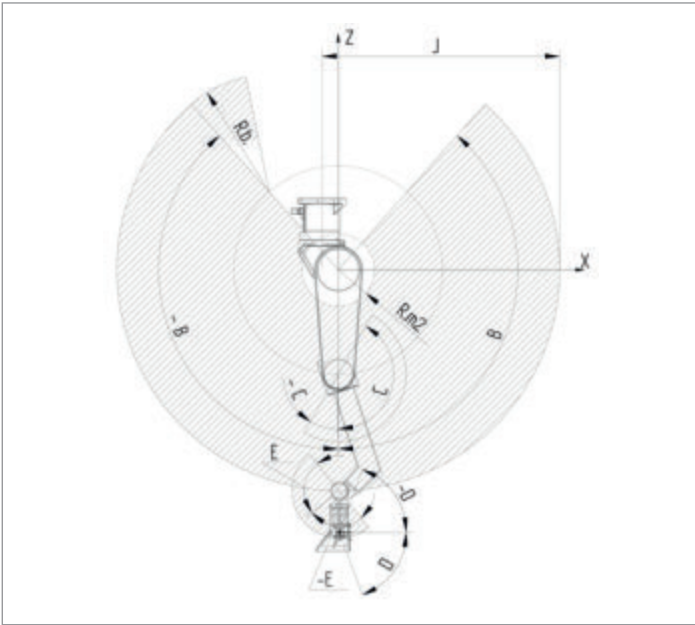
Creative Motion Control

## Technical specifications

<b>Robot</b>	Maximum reach	1,86 m
	Repeatability	± 0,05 mm
	Speed	up to 1 m/s
	Nominal load	14 kg
	Weight	250 kg
<b>Robot controller</b>	Power supply	3 phase 400 – 480 VAC at 3 kVA 3 phase 200 – 230 VAC at 3 kVA
	Height	531 mm / 12 HE (U)
	Weight	60 kg
<b>Linear track</b>	Segment length (combinable)	0,4 – 2,5 m per segment
	Speed	1 m/s
	Acceleration	1 m/s <sup>2</sup>
	Weight	approx. 50 kg / m
	Repeatability	Up to 0,001 mm
<b>Camrobot controller</b>	Power supply	100 – 230 VAC at 500 VA
	Height	178 mm / 4 HE (U)
	Interfaces	<ul style="list-style-type: none"> <li>· RS 422</li> <li>· RS 232</li> <li>· TCP/IP</li> <li>· EtherCAT</li> <li>· HD-SDI / SDI</li> <li>· Genlock</li> </ul>
	Redundancy	<ul style="list-style-type: none"> <li>· Power Supply</li> <li>· RAID-System</li> </ul>
<b>Total</b>	Horizontal reach	1,9 m
	Vertical reach	2,7 m



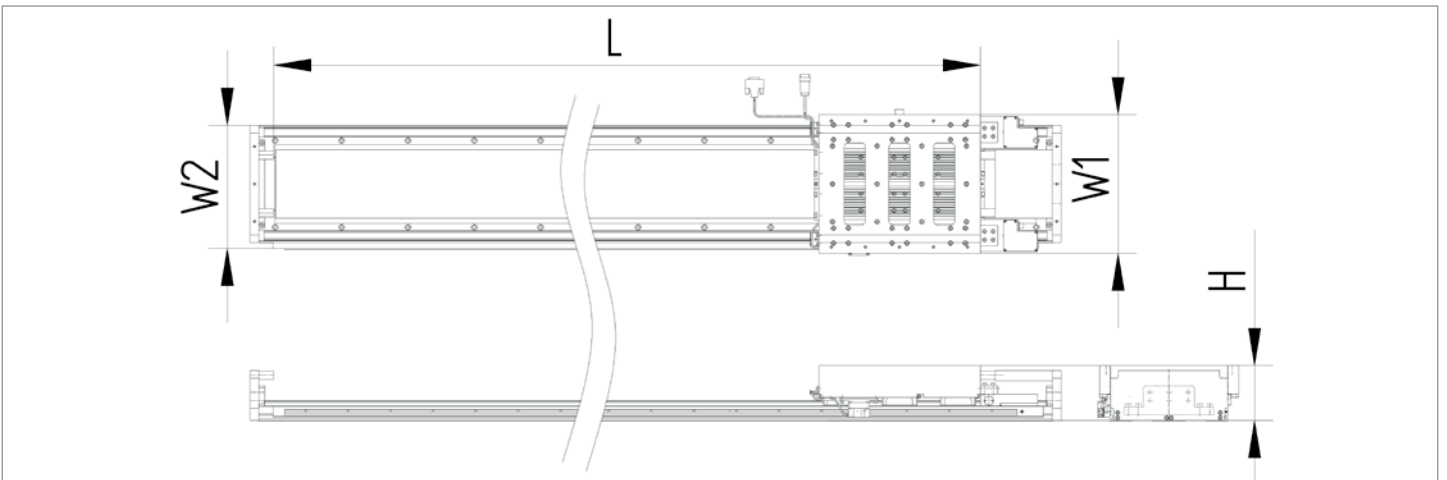
## Technical specifications



Axis	Range (°)	Working range distribution (°)
1 (A)	320	- 160 + 160
2 (B)	273	- 136,5 + 136,5
3 (C)	180	- 30 + 150
4 (D)	140	- 70 + 70
5 (E)	180	- 90 + 90
6 (F)	360	- 180 + 180

R.b	925 mm
R.M.	1900 mm
R.m1	462 mm
R.m2	463 mm
J	1900 mm

L	min. 400 mm + 156 mm * N (N = no. of segments, depending on application)
W1	326 mm
W2	276 mm
H	130 mm



## Camerobot options

The Camerobot system, consisting of robotic arm and linear track, can optionally be equipped with the following components – according to the customer's needs.



### Collision avoidance

Prevents collisions with studio equipment.



### Joystick console LFP

For moving the robot and the linear track with joysticks.



### Teleprompter

Innovative teleprompter solution for vibration-free camera moves.



### Length of linear track

Can be extended on demand, different lengths available.



### Noise reduction cover

For reduced sound and noise emission.



### Monitor mount

For mounting a LCD-monitor directly above the camera.

US Office  
Phone +1(610)220 3862  
usinfo@mrmoco.com

**UK Head Office**  
Mark Roberts Motion Control Ltd  
Unit 3, South East Studios  
Eastbourne Road  
Blindley Heath, Surrey  
RH7 6JP, United Kingdom

Phone +44(0) 1342 838000  
Fax +44(0) 1342 838001

info@mrmoco.com  
www.mrmoco.com



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