

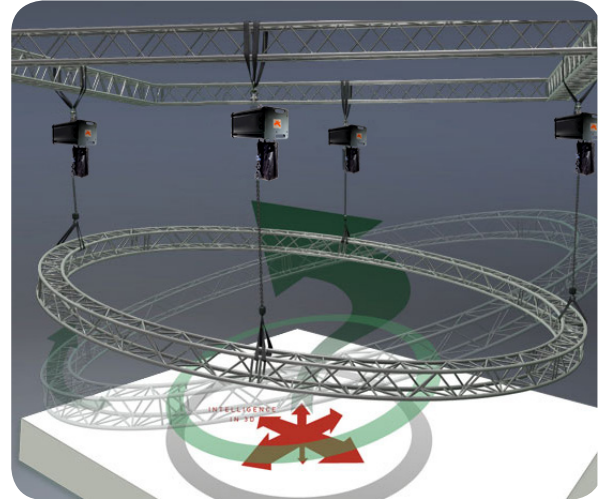
CYBERMOTION

LIVE ENTERTAINMENT DYNAMICS

YOUR CREATION, OUR TECHNOLOGY

THE SYSTEM

CyberMotion designs and manufactures state of the art motion systems for dynamic overhead usage. Our system consists of CyberHoist II actuators, MotionCue3D console and C-Power. The most innovative technology applied, provides superb functionality, flexibility, fast intuitive object oriented programming and full redundancy for all safety related sensors and control circuits. The intelligent way of motion processing and compact design with integrated motion processing provide you with efficiency and shortens your set-up and programming time substantially. The CyberMotion system is quiet, easy in use and allows you to move objects, screens and trusses with perfect control and high repetitive precision in a unique smooth and safe way.



MOVE YOUR CREATIVITY

Incorporating motion becomes more and more obtainable in versatile applications for events, shows, touring and fixed installations. Be part of this motion evolution by elevating your ideas and project requirements with CyberMotion. Creativity is the base of our technology and it will enhance your stage presence by creating ultra-smooth and very precise 2D or 3D motions with an impressive maximum speed of 28 m/min at full load and under heavy duty conditions.



CYBERHOIST II



MOTIONCUE3D



C-POWER

- Normally suspended hoist (motor up) or self-climbing (motor down)
- Combined network and hardware controlled E-stop and dead man handle
- Absolute positioning (0.1mm) for complex repetitive movements
- Auto ranging input voltage for global use (200-440V, 50/60Hz)
- Compliant with all applicable International safety standards and codes of practice (EN61508/DIN56950/BS/FEM)
- Road ready and plug-n-play with auto configuration
- Expand on demand and sub-rent by using our unique international pool of CyberMotion members

KEY FEATURES

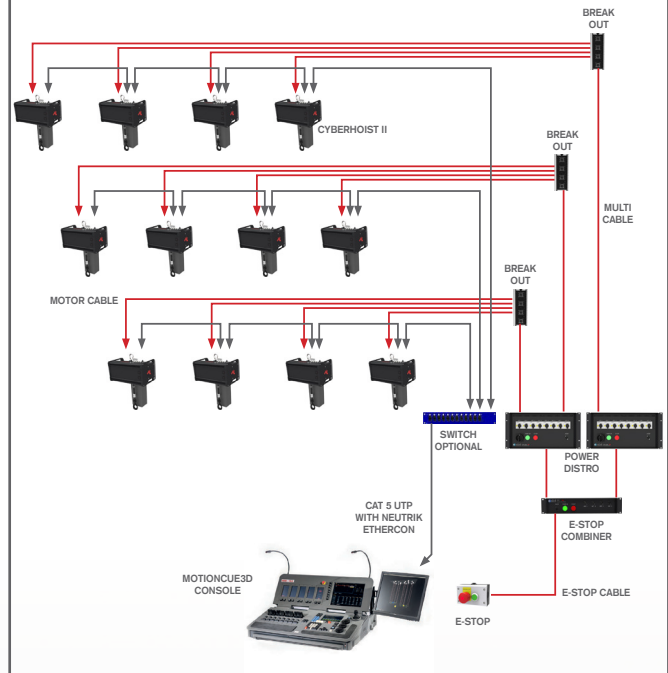
Flexibility and creativity, object oriented programming

- Object oriented programming
- No time consuming set-up or programming to establish a complete performance
- Position assignments via palettes provides huge advantages and tremendous flexibility in programming and instant alterations afterwards
- Easy, intuitive, predictable and safe time-based programming
- Multiple parallel time lines within one cue allows super natural and ultra smooth object behaviour throughout the motion
- Change, add or remove an actuator to an object without the need for reprogramming positions or cues
- Acceleration and deceleration curve selections: smooth or linear
- Define objects and freely assign point of rotation within or outside the attachment points for spectacular movements
- Manual real-time control of actuators for set-up and tear-down purpose

Sophisticated and absolute safety

- Feasibility check before playing
- Sophisticated and interactive limit cues verification
- Online support by remote desktop feature
- Mandatory 3 day Cyberhoist II operator training for all operators
- Software controlled Dead Man's Handle and E-Stop system
- Protect and minimize load-in times with special designed solid tour cases

SYSTEM LAYOUT (EXAMPLE)



This schematic overview of a 3-domain CyberMotion system shows the simple and intuitive setup of the system

TECHNICAL SPECIFICATIONS



CYBERHOIST II



MOTIONCUE3D



C-POWER DS4/DS8

TYPE	0,5-TON		1-TON		2-TON		Number of LCD touch screens (4x 4.3", 1x 7" and 1x12")	Cue lists per page:	Playback lines incl. paddles:	Multiple parallel timelines:	Position assignments via palettes:	Multi-purpose jog-shuttle wheels;	Multi-functional joystick:	Key pad:	E-stop and Dead Mans Handle:	Freely assign point of rotation:	HDMI out:	USB:	Multi-voltage power supply 100-240V (50/60Hz)	Dimensions (HxWxD) Height 660mm / 26" Width 830mm / 32.7" Depth 200mm / 7.9"	Weight (kg/lbs)	Motor power Max per channel: 10 Amp	Input voltage: 200-440 V – 50/60 Hz	Input connection: Harting 80Amp	Output connection: DS4 CM H: Socapex 419P (US) DS8 CM L: 2 x Harting H16 Modular	Dimensions (HxWxD) Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	Frame size: 19" – 5HE
	metric	imperial	metric	imperial	metric	imperial																					
Capacity kg/lbs:	500	1,100	1,000	2,200	2,000	4,400	7	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
FEM class:	2m		2m		2m		8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
Lifting speed m/min:	28		14		7		8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
Lifting speed ft/min:	92		46		23		8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
Falls:	1		1		2		8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
Chain size mm/inch:	7x21	0.28x0.83	9x27	0.35x1.06	9x27	0.35x1.06	8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
AC motor kW/hp:	3	4	3	4	3	4	8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
Duty factor %:	60		40		40		8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
Main dimensions							8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
Length	636	25	636	25	636	25	8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
Width	367	14	564	22	564	22	8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
Height	334	13	330	13	330	13	8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
Weight kg/lbs	96	212	182	401	182	401	8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE
Chain p/m kg/lbs:	1,1	2,4	1,8	4,0	1,8	4,0	8	8	8	Yes	Yes	3	1	1	1	Yes	2	2	Yes	35/77	35/77	10 Amp	200-440 V – 50/60 Hz	Harting 80Amp	2 x Harting H16 Modular	Height 223mm / 8.78" Width 483mm / 19.02" Depth 300mm / 11.81"	19" – 5HE

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