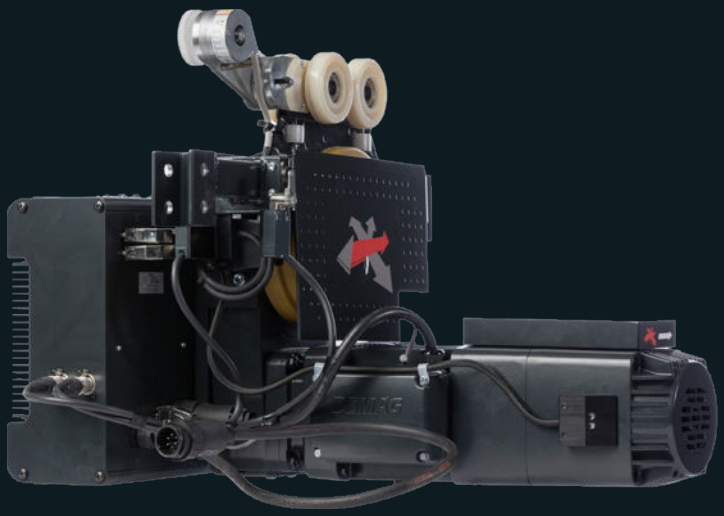
CYBERMOTION

YOUR CREATION, OUR TECHNOLOGY

CYBERTRACK

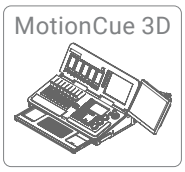
NEXT-LEVEL MOTION CONTROL FOR LIVE ENTERTAINMENT SHOWS

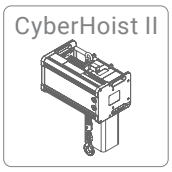


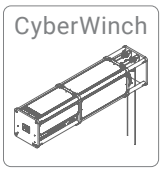
PLUG & PLAY PERFORMANCE

CyberTrack fits right into the range of products in the CyberMotion family, bringing the horizontal component to the endless possibilities of CyberMotion. CyberTrack adds the horizontal movement to the objects under control of the MotionCue 3D system, with the same performance in accuracy, reliability, and safety as the famous CyberHoist II.

More info:







- **All-in-one compact design**
  The CyberTrolley (CT2200X) connects seamlessy to the existing CyberMotion system set-up. Drive and motion-controller are integrated in the CyberTrolley body. Power & network cables are exactly the same as the Cyber-Motion family, creating 1 power and control network for hoist & track.

- **Global compatibility**
  CyberTrack can be used in any place in the world. It will run on 50 Hz and 60 Hz and is auto-ranging on any voltage. CyberTrack can deploy worldwide.

- **High-speed precision**
  CyberTrack performance in speed and accuracy matches the CyberMotion standards. Top speed is 40 m/min, to be reached under 5 seconds with the full 2200 kg load. Absolute positioning within 0.1 mm per object for seamless and safe moving of any object in all directions.

MODULAR DESIGN FOR DEMANDING APPLICATIONS

CyberTrack supports heavy-duty push and pull loads up to 2200 kg and track capacity of 1000 kg per meter. It offers flexible installation with track sections in stan-dard 1.5 m and 3 m standard lengths, other lengths and curves are available on request, while rapid deployment is achieved through self-aligning joints and 4-pin locking.

- **Heavy-duty load handling**
  CyberTrack will push and pull 2200 kg along the track. The track will support 1000 kg per meter.

- **Flexible track system**
  Track sections in 1,5 and 3 m lengths. Other lengths, specials and curves on request.

- **Load Carrier**
  The standard load carrier 700 kg can be used for the horizontal movement of a 500 kg CyberHoist, moving with full load, at full speed, with all dynamic loads included. Load carriers can be connected for heavier loads, up to 1000 kg per meter track.

- **Rapid deployment**
  Self-aligning joints and 4-pin locking enable short load-in/load-out times. The track can be assembled on its dollies without waiting for overhead rigging.

- **CyberTrack Tour Truss**
  Touring version includes dedicated CyberTrack Tour Truss (based on Sixty82 Alpha Truss). Specially designed stackable TourDollies at truck size.

SMART INTEGRATION & ECOSYSTEM

CyberTrack integrates seamlessly with universal cabling, compatible with CyberHoist and CyberWinch, ensuring flawless operation and efficient cable management.
The system offers flexibility, allowing easy installation on both touring trusses and fixed installs, while the CyberTrack Load Carrier and CyberTrolley handle various load capacities with precision and reliability.

- **Universal power and data distribution**
  Compatible with CyberHoist, CyberWinch.
  Same cabling, power distribution, and controls.

- **Silent operation**
  CyberTrack Cable Carrier (ELL 75 kg) ensures ultra-quiet cable guidance.

- **CyberTrack Tour Truss**
  Based on the Sixty82 Alpha Truss, it is specially developed for a fast and efficient touring system.

CyberTrack Cable Carrier

- **Active trolley**
  The CyberTrolley (CT2200X) integrates both the drive-unit and motion-controller, ensuring seamless operation and full system integration for reliable performance.

- **Load carrier option**
  CyberTrack LoadCarrier 700 kg moves silently and smooth, carrying a 500 kg CyberHoist with full load, at full speed, with all dynamic loads included.

- **Flexible installation**
  Track mounting connection fits the touring truss, your truss or any truss or wall/ceiling mounted plates – with only 2 standard pins per bracket.

CyberTrack Tour Truss

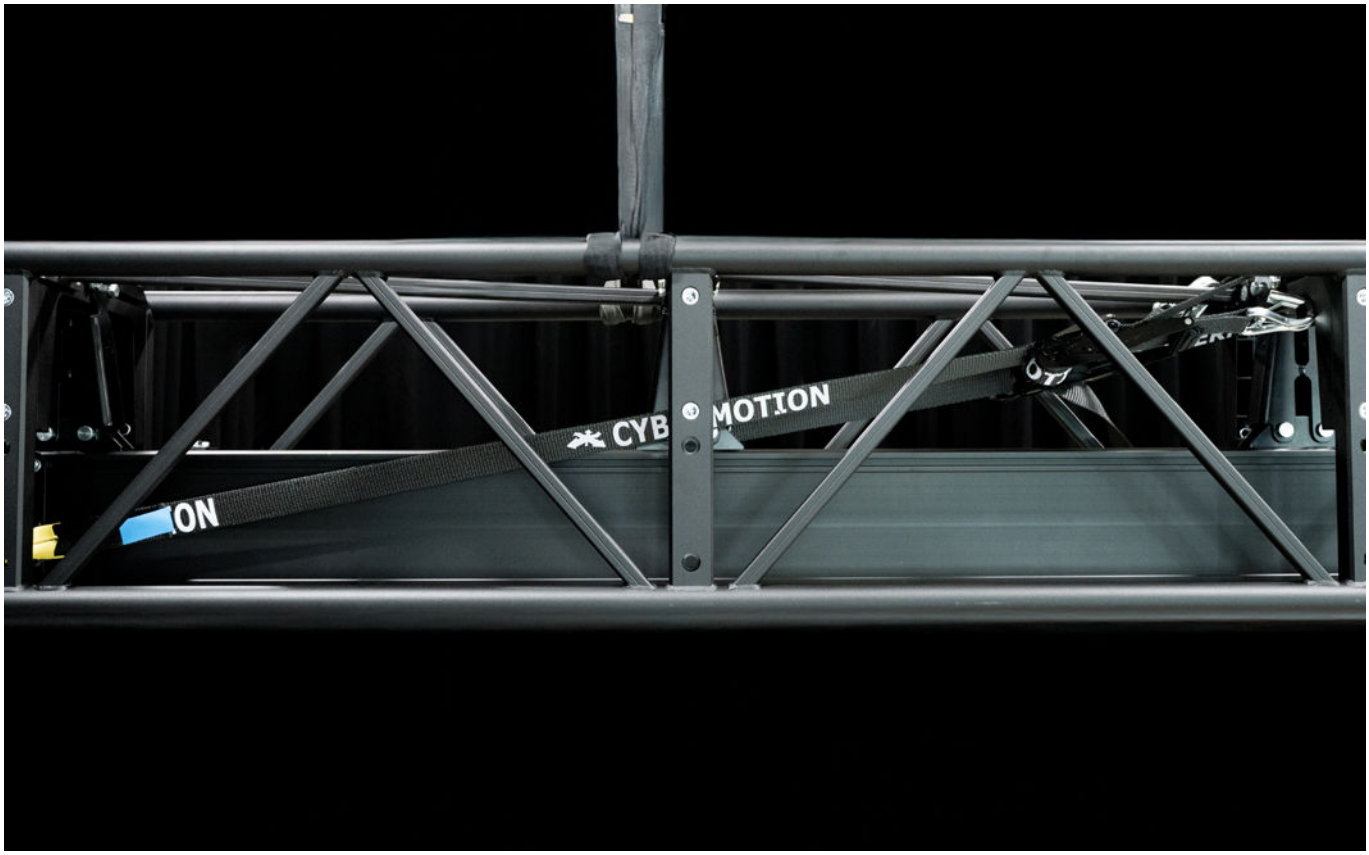
PRECISION, SAFETY & RELIABILITY

CyberTrack ensures exceptional precision and reliability for complex 2D and 3D movements. Designed for demanding applications, it meets global safety standards and offers multifunctional use across events and permanent installations.

- **2D/3D movement**
  Supports multi-actuator setups with complex paths and synchronized motion, while operated by the famous objects-orientated programming of the MotionCue3D platform.
- **Multi-purpose use**
  Designed for touring, built for motion. On tour or installed in nightclubs, theatres, churches, casinos or any other entertainment venue: CyberTrack is ready.
- **Third party integration**
  The CyberTrack integrates with all existing features presented by the MotionCue 3D control platform. Timecode triggers and/or PosiStageNet communication. Sharing its data with show partners.

UNCOMPROMISING SAFETY & PRECISION

- **Dual absolute encoders**
  Ensure 0.1 mm positioning precision.
- **Predictable motion**
  Consistent, high-speed movement under full load.
- **Reliable under pressure**
  Designed for demanding show environments.



CYBERTRACK CYBERTROLLEY

Entertainment Load Limit (ELL) - Single Load Trolley	700 kg
Entertainment Load Limit (ELL) - Double Load Trolley	1000 kg
CyberTrack Capacity per Meter Track	1000 kg/m
Max. Traction of Active Trolley (CT2200X)	2200 kg
Speed	40 m/min
Acceleration	3,2 sec to full speed
Deceleration at e-stop	1.867 m/s²
Motor Power (CT2200X)	0.75 kW
Weight track per meter incl. truss	15 kg/m
Selfweight (CT2200X)	52 kg

CYBERMOTION

THE MOVEMENT SOLUTION MADE FOR AND BY THE INDUSTRY.

VAT **NL858186792B01**
Chamber of Commerce **70198470**
IBAN **1234 1234 1234**

SCALABLE SOLUTION

OPTIMIZED FOR EVENTS

EASY INSTALLATION

TRAINING AND SUPPORT

VISIT WWW.CYBER-MOTION.COM FOR MORE INFO