

CURTAIN MECHANISM MK-2T



CHARACTERISTICS

- Extremely strong construction for theatrical applications, with a load capacity of up to 100 kg per meter.
- Bendable into arcs with a minimum radius of 1 meter.
- Unlimited fabric overlap customization.
- Internal cable routing within the track for protection and durability.
- DURMATT drive transfer system for smooth and efficient operation.

DESCRIPTION

The MK-2T curtain mechanism is designed for guiding and driving stage curtains and drapes. It features a modular design, allowing for flexible configurations to suit various applications. The system is suitable for both large and small cultural venues.

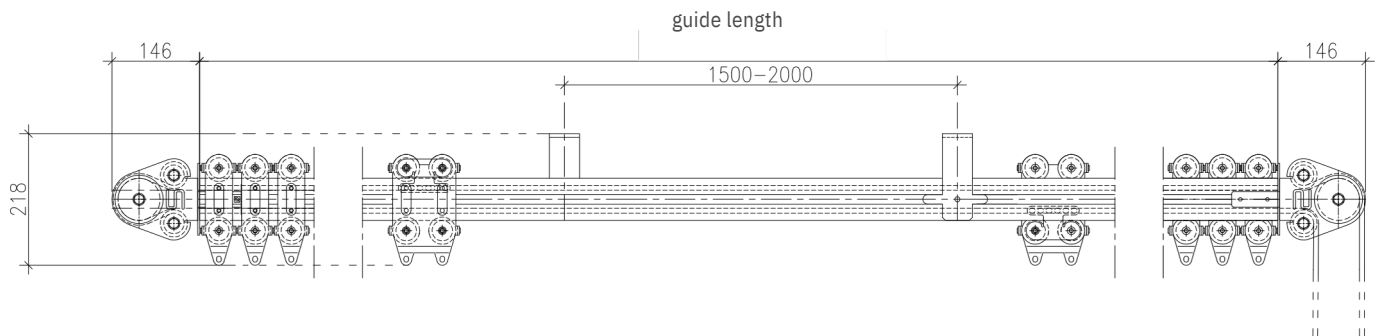
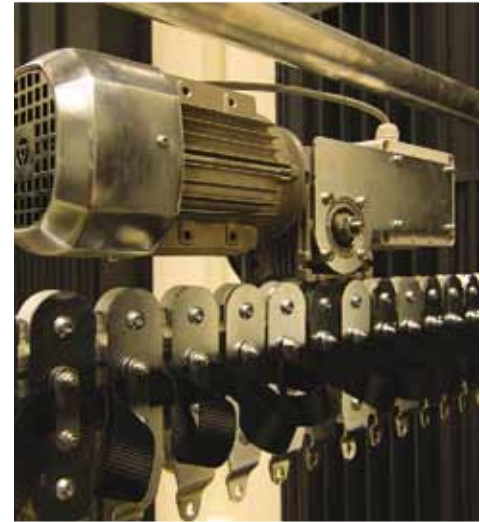
The aluminum system rail offers high load capacity while maintaining a lightweight structure. The ball-bearing trolleys are equipped with polyamide-coated rollers, ensuring smooth and quiet operation.

The drive ropes are protected from dirt and mechanical damage by being routed through the internal channels of the rail. The curtain is opened and closed using drive trolleys and a special DURMATT pull tape.

INSTALLATION

The track, made from a specially designed aluminum profile, combines high rigidity, large load capacity, and low weight. Thanks to the dual-track system, the entire system maintains compact dimensions, simplifies installation, and allows for unlimited fabric overlap. Mounting brackets are selected individually based on specific requirements.

On both sides, the track features two channels with mounting grooves, offering versatile attachment options. It can be mounted to walls, or any type of substructure, as well as to beams of battens.



CONTROL

The modern Soft Start / Soft Stop system extends the lifespan of the ropes, even in guides with very large spans, while the DURMATT system enhances the durability of the curtain material.

The control system can be either analog or digital (in the digital version, curtain movement is controlled via a TouchPad touch panel). Upon request, the system can be equipped with a positioning system and motion sequence memory.

Curtain control can also be integrated into a single common panel for the entire stage mechanics, ensuring seamless operation and efficiency.

DRIVE SYSTEM

The mechanism can be manufactured in two variants - manual or electric. In the manual drive version, thanks to the internal routing of the ropes within the profile, there is no need for a tensioning system.

In the electric version, the motor is mounted to the side of the track, allowing it to be positioned anywhere along the system, thus saving space at the ends of the curtain.



TECHNICAL DATA

Drive Type	MK-2T-R (manual)	MK-2T-E electric
Motor Power [kW]	-----	0,12 kW ÷ 0,37 kW
Max. Curtain Width [m]*	40 m	10 m ÷ 40 m
Curtain Track Load Capacity [kg/m]	100 kg/mb	100 kg/mb
Mounting Bracket Spacing [m]	approx. 2 m	approx. 2 m
Soft Start/Soft Stop System	-----	YES/YES
Prefabricated Track Lengths [m]	4 or 6 m	4 or 6 m
DURMATT System	YES	YES

* possibility of making a curtain of a larger width upon request

THANKS TO OUR SPECIALIZED ENGINEERING STAFF, WE ARE ABLE TO ADJUST AND REDESIGN OUR DEVICES FOR ALL CONDITIONS IN YOUR FACILITIES



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