

MTS

Media Technical System

by *MovieTech*

CONDUCTOR RAIL SYSTEM

... premium lighting suspension!

MTS - Power and Data transmitting Studio Rails

Power
and Data
transmission

weight saving aluminum profiles

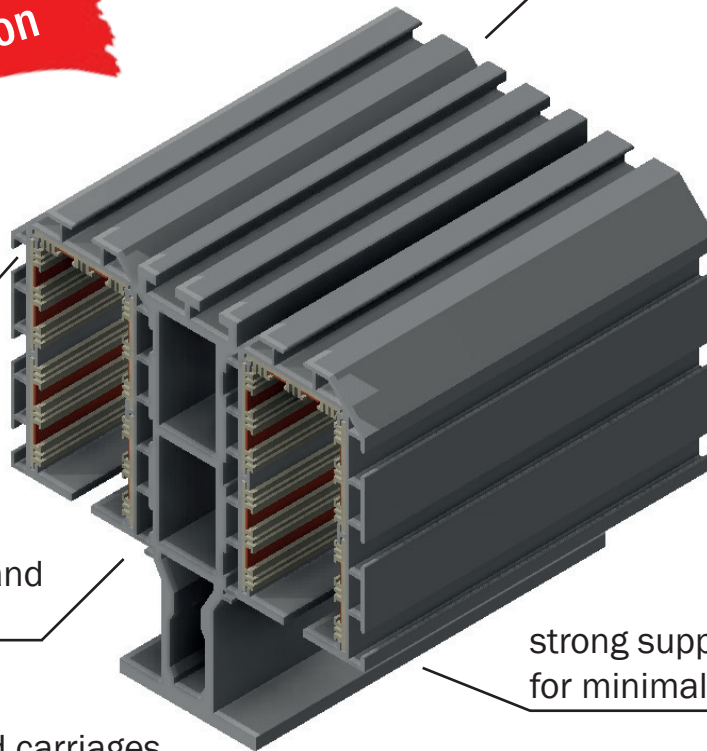
side slot channels for
diverse fixing possibilities

customizable quantity
of conductor lines

copper lines for power and
data transmission

strong support profiles
for minimal deflection

motorized trolleys and carriages
for each application



Made
in the **EU**

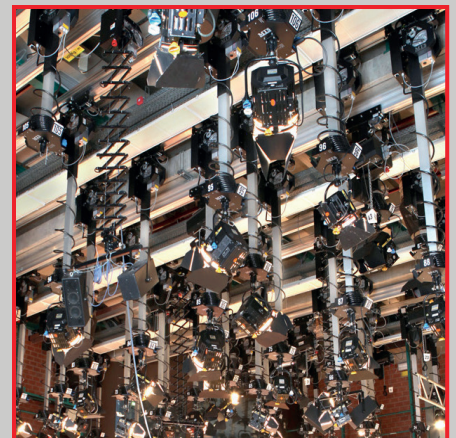
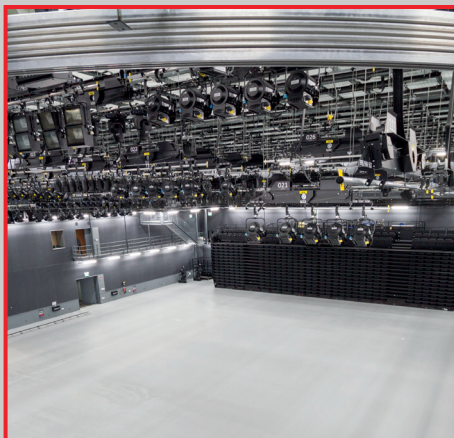


- Copper lines: Flattened wire E- Cu58 (Cu-ETP), DIN 1787

- Material rail profile: AlMgSi 0,5 F 22-25

- Power collector: bronze/graphite, individually spring-loaded
with about 6N, rollers made of polyacetal with steel ball bearing

- Surface: Aluminum bright drawn, powder coated or anodized



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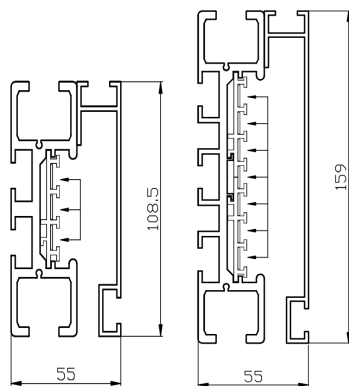
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MTS - Power and Data transmitting Studio Rails

Our MTS contact conductor rail systems are a proven and reliable concept of safe energy and data transmission, combined with strong carrier sections and running treads for all kind equipment.

The system rails are specifically designed to meet the demanding requirements in TV studios and on stage as well as for industry usage. Different rail profiles cover every scope of application; available for a broad range of payload and between 3 and 30 (or even more) integrated copper conductors. These copper conductors transmit the required energy to power the devices as well as the data signals for miscellaneous control systems.

The MTS conductor rail allows moving heavy loads and power supplies such as telescopes, pantographs, hoists, curtains and other lighting suspension.



ASS1 and ASS2

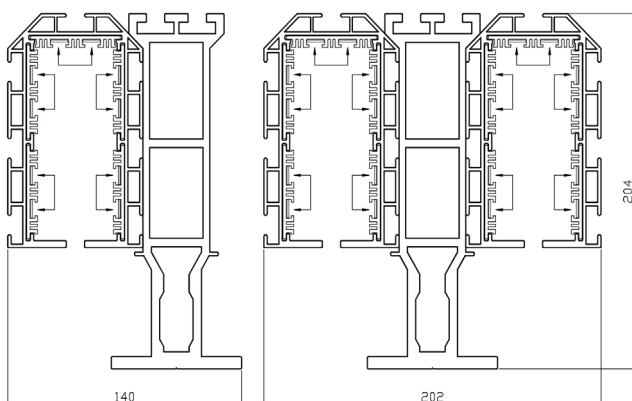
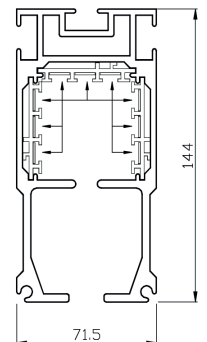
Very versatile rail profile with up to 7 copper lines for energy and data transmission. The ASS1/ASS2 profile is often used for smaller studios or when medium payload is required. Since the profile can be bent in customizable radii, it is also an ideal solution for a motorized a curtain rails / cyclorama system

- radius possible
- approx. Payload: 590 kg (point load, simply supported beam every 2 m)

ASS3

Our ASS 3 is the ideal contact conductor rail for medium sized studios. Nine internal copper lines ensure a safe operation and guarantee a long life expectancy with minimal maintenance. The profile has a separated carrier section with the running treads for internal trolleys.

- all in one rail – conductor lines and internal running tread
- approx. Payload: 970 kg (point load, simply supported beam every 2 m)



ASS T 10 and ASS T 20

The MTS ASS T 10/20 rail is a modular system with a flexible amount of copper lines (poles: 10, 20 or even more). This rail comes to use when heavy energy and data transmission as well as high payloads are required. The strong carrying profile ASS T also offers the running treads for various trolleys. The number of copper lines is determined by the amount of energy, which has to be transmitted.

- strong and modular system
- approx. payload 2490 kg (point load, simply supported beam every 2 m)

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