MTS - Power and Data transmitting Studio Rails

- Power and Data transmission
- Weight saving aluminum profiles
- Strong support profiles for minimal defection
- Customizable quantity of conductor lines
- Side slot channels for diverse fixing possibilities
- Copper lines for power and data transmission
- Motorized trolleys and carriages for each application

- Copper lines: Flattened wire E- Cu58 (Cu-ETP), DIN 1787
- Power collector: bronze/graphite, individually spring-loaded with about 6N, rollers made of polyacetal with steel ball bearing
- Material rail profile: AlMgSi 0,5 F 22-25
- Surface: Aluminum bright drawn, powder coated or anodized

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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.

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)