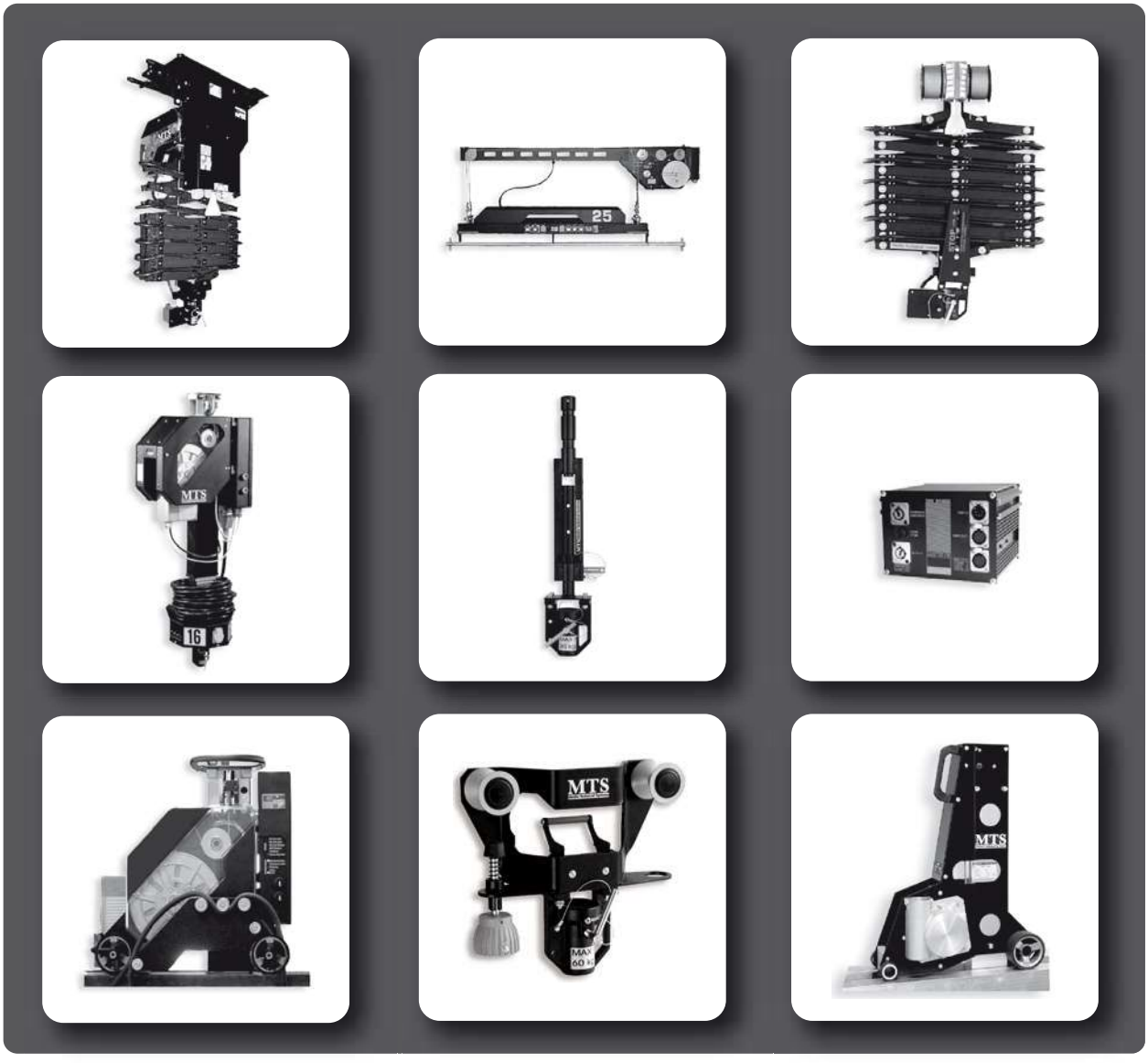
PRODUCTS



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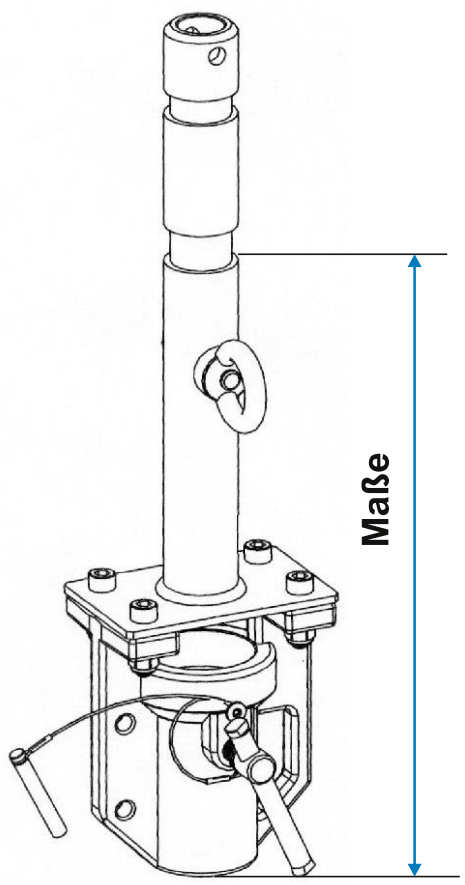
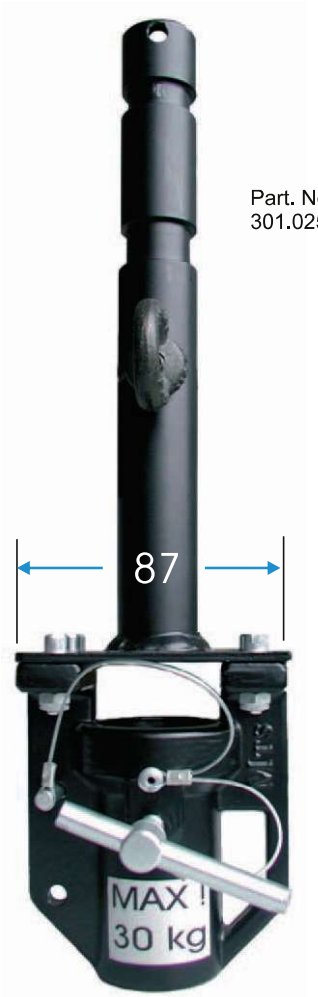
MTS
Media Technical System
by MovieTech

Drop-arms compliant with DIN 15560 T46

DAF 25 - 150





Part. No.
301.025

Payload 30 kg max.

Vertical drop arm of fixed length for suspension of spotlights, audio and video equipment. Payload up to 30 kg.
Hangs by means of a DIN spigot (Ø 28 mm). Spigot and pole turned from one piece of steel. Load attachment by means of a DIN socket (Ø 29 mm) with eye for safety cable (to DIN 15560 T46). DIN spigot is screwed to the drop arm.
Custom design upon request.
All versions are fully compliant with safety standards BGV C1 (former VBG 70) and DIN 15560 T46. Registered type-approval code: 034502.

Technical Data

DAF 25	250 mm
DAF 50	500 mm
DAF 75	750 mm
DAF 100	1000 mm
DAF 150	1500 mm

Dead weight approx. 2.5 to 3.5 kg, depending on type
Payload 30 kg max.

Subject to change without prior notice

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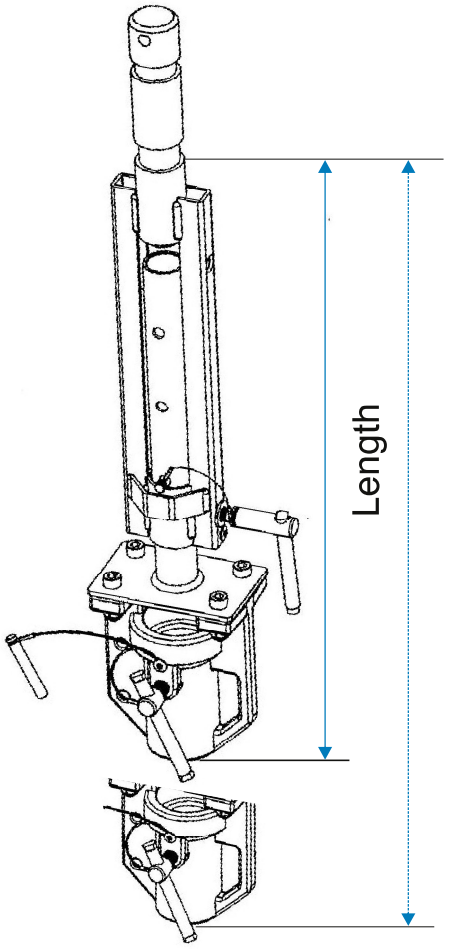
Drop-arms compliant with DIN 15560 T46

DAV 40 - 100



Payload max. 30 kg.

Vertical drop arm of variable length for suspension of spotlights, audio and video equipment. Payload up to 30 kg.
Hangs by means of a DIN spigot (Ø 28 mm). Load attachment by means of a DIN socket (Ø 29 mm) with eye for safety cable (to DIN 15560 T46). DIN spigot is screwed to the drop arm. Desired length can be set in increments of 50 mm by means of a captive retaining pin (self-securing) and captive retaining screw. Steel guides and rod.
Custom design upon request.
All versions are fully compliant with safety standards BGV C1 (former VBG 70) and DIN 15560 T46. Registered type-approval code: 034501.

Technical Data

DAV 40	400 to 500 mm, 3 increments
DAV 70	700 to 1.100 mm, 9 increments
DAV 100	1.000 to 1.650 mm, 16 increments

Height increments 50 mm eachDead weight approx. 2.5 to 3.5 kg, depending on typePayload 30 kg max.

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Pantographs compliant with DIN 15560 T46

Pole-operated Pantographs

SZM 25.45 PO

MTS pantographs are made of stable, powder-coated, high-precision, lightweight aluminium extrusions that provide a high level of twist rigidity. Guide plates above and below ensure high stability and low rocking of the extended pantographs. Both longitudinal axles are extremely precise, thus keeping radial deviations at an absolute minimum. The power cord is secured by three guiding points per segment. Thus, pinching and chaffing of power cords is almost impossible. Power connectors above and below are according to customer specification (Standard is Schuko).
The self-locking drive is mounted in an aluminium precision die-cast housing. The drive is maintenance-free and over-dimensioned for maximum operational safety. A maintenance-free brake on the cable drum limits the maximum extension.
Pantographs are hung be means of a DIN spigot (Ø 28 mm). Load attachment by means of a DIN socket (Ø 29 mm) with eye for safety cable.
According to customer demands, crab trolleys in various versions for all kinds of rails, with or without pole-operated brake can be adapted.

All versions are fully compliant with safety standards BGV C1 (former VBG 70) and DIN 15560 T46.
Registered type-approval code: 034503.

Options:
Crab trolley for 48 mm (2") pipes
Crab trolley for rail system Helm 300

Part No 315.001

Part No 315.348

Part No 313.450

payload 30 kg

Studios of MDR Leipzig (Germany)


BG-Prüfbescheinigung

Pole-operated

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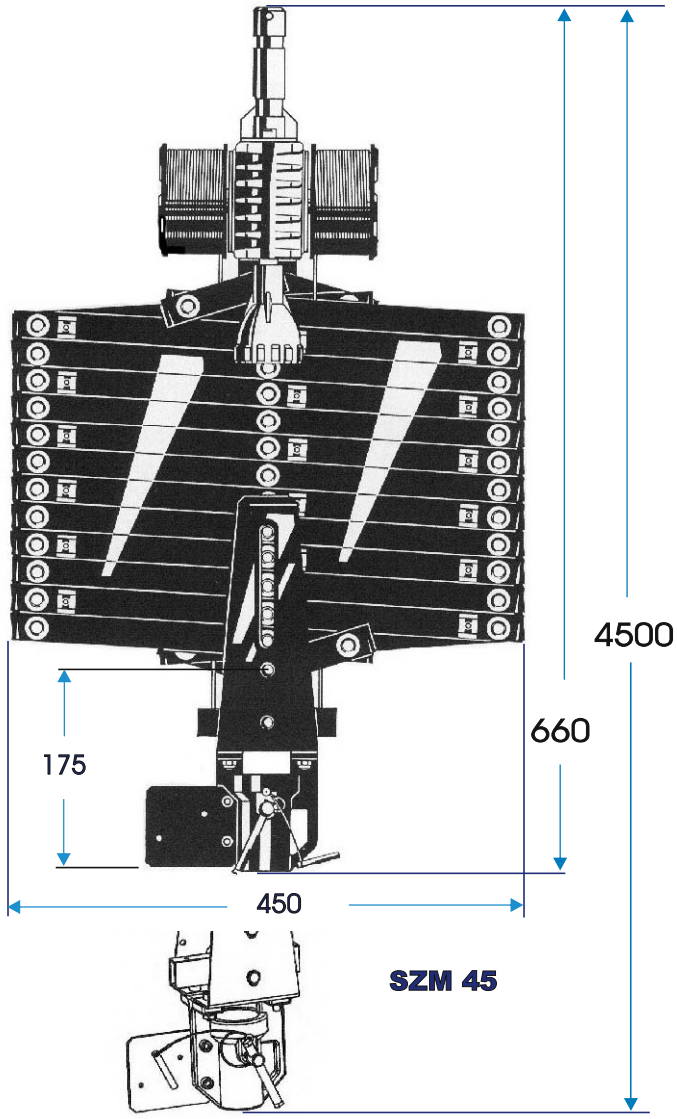
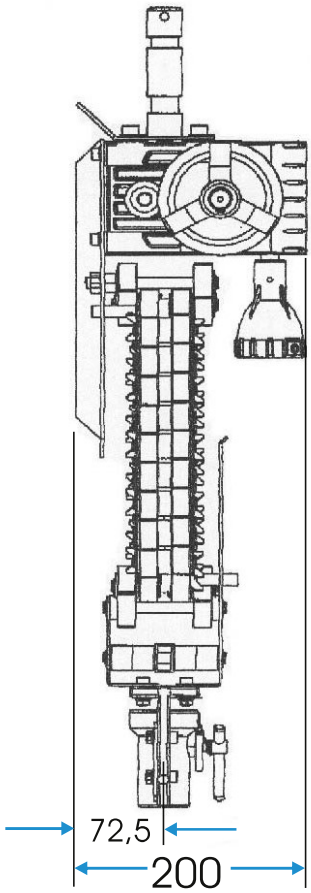
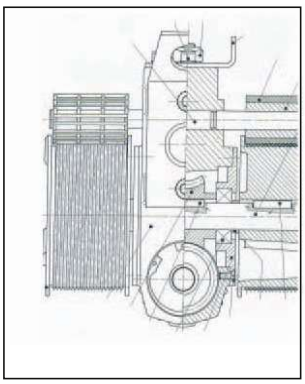
Pantographs compliant with DIN 15560 T46





Maintenance-free brake limits maximum extension



Technical Data

closed length	560 / 660 mm
maximum extension:	2,5 m SZM 25 5.0 m SZM 45
payload	30 kg
two supporting cables	2 mm diameter
dynamically self-locking drive	
drive transmission:	1:20
Hangs by means of a DIN spigot	(Ø 28 mm)
load attachment: DIN socket	(Ø 29 mm)
Guidance of power cord:	Plastic clips
power cable:	3 x 2,5 mm²
Power outlet:	16 A (Schuko, CEE 17 optionally)
dead weight:	approx. 13.5 kg
brake on cable drum limits maximum extension	
pole-operated	
test record	No. 994501
Standards:	BVG C1 (former VBG 70), DIN 15560 T46, EN 60204-1

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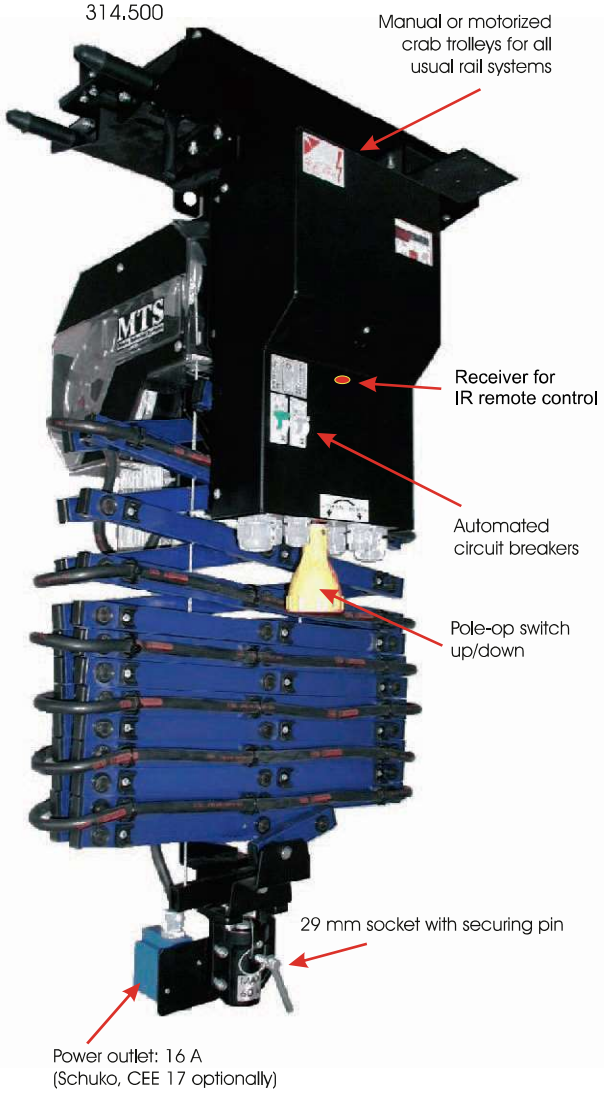
Pantograph compliant with DIN 15560 T46

Motorized Pantographs

SZEL 50.60

Art. Nr.
314.500



In studios with working altitudes of up to 7,5 meters, motorized pantographs for the accurate positioning of lighting, audio, and video equipment are an economic alternative. Furthermore, they considerably reduce stress levels on grid and ceiling because of their light-weight design.
MTS pantographs are made of stable, powder-coated, high-precision, lightweight aluminium extrusions that provide a high level of twist rigidity. Extremely compact when not extended.
Motorized vertical movement with dynamically self-locking drive. Horizontal movement (manually or motorized) optionally. Design modifications possible according to customer demands.
Guide plates above and below ensure high stability; both longitudinal axles are extremely precise, thus keeping radial and torsion deviations at an absolute minimum. High flexibility and wide bending angle of the load cable minimise wear and tear and prevent damage. Plastic clips ensure that load cable is smoothly fed during operation and avoid pinching or chaffing.
Load attachment by means of a DIN socket (Ø 29 mm) with eye for safety cable.
Two supporting cables with slack-cable detection on each. Separate cable-break detection on each cable. Overload detection. Detectors for the end of the upper and lower operating range. Emergency switches for the end of the upper and lower maximum range. Movement stops immediately and reliably when safety devices are activated. Pole-operated switch for up/down. Optional remote control by IR or wall panel.
All versions are fully compliant with safety standards BGV C1 (former VBG 70) and DIN 15560 T46. Registered type-approval code: 034506.


BG Test Certificate

Crab trolley for I profiles

Design meets function at the academy for film and TV (HFF) in Berlin-Babelsberg.
Studio B equipped with motorized pantographs from MTS.
Studio A equipped with monopoles from MTS.

Subject to change without prior notice

MTS Media Technical System
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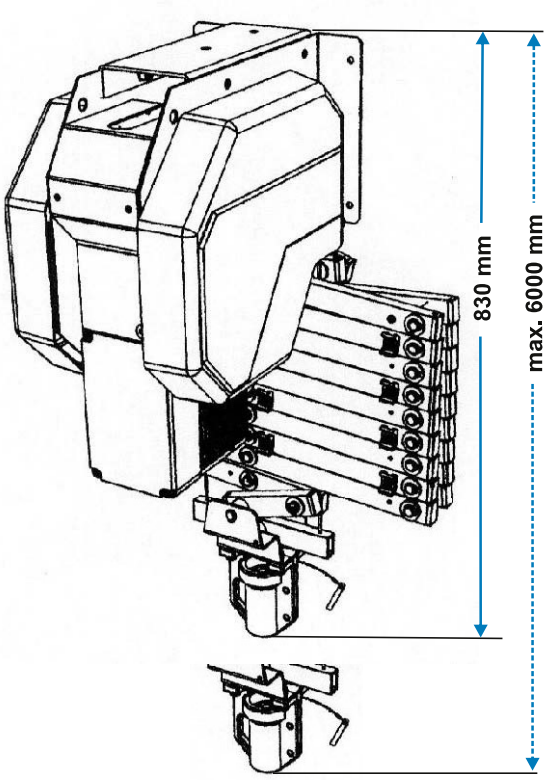
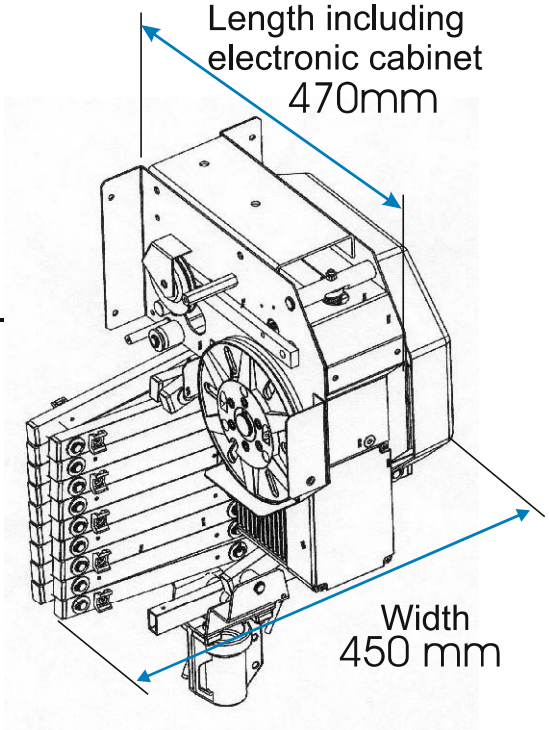
Pantograph compliant with DIN 15560 T46

Technical Data

payload max.	**60 kg**
Minimum length	830 mm
Maximum extension SZEL 50:	5000 mm
Maximum extension SZEL 60:	6000 mm
two supporting cables (Ø 2,8 mm diameter)	
Motor:	3 x 230/400V; 50 Hz; 0,4 kW
motor protected against thermal overload	
ED:	duty cycle 0,4
motor's protection class IP 54	
Getriebe:	dynamically self-locking drive
v_{Hub}:lifting speed approx.	135mm/s lifting
lifting noise approx.	48 dB(A)
load attachment:	DIN socket (Ø 29 mm)
power cable:	3 x 2,5 mm²
cable guidance by plastic clips	
Power inlet/outlet:16 A (Schuko,CEE 17 optionally)	
dead weight: approx.	35 kg
Standards: BVG C1 (former VBG 70),	
DIN 15560 T46,EN 60204-1	

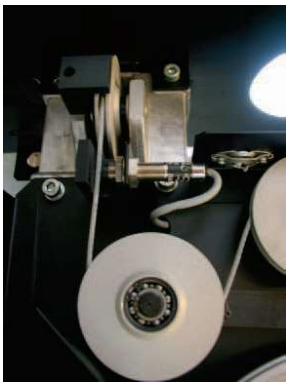
Crab trolleys for manual or motorized horizontal movement available for all usual rail systems.
All motorized pantographs may also be controlled by a bus system.





Bobby cable drum

Cable-break
and slack-cable detectors



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Tube trolley

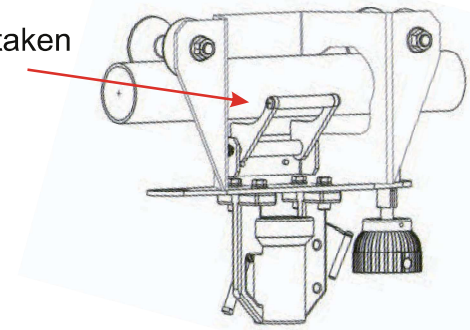
LW - R 48

Artikel Nr. 315.348 PO
Part No 315.348 PO

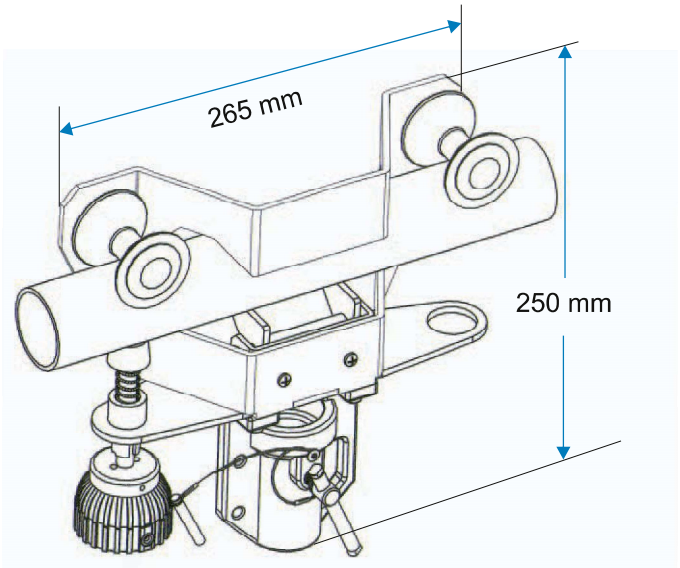
Technical Data

Trolley for tubes with a diameter from 48 to 50 mm.
Load attachment through DIN socket (Ø 29 mm) with eye for safety cable.
Equipped with a pole-operated brake on one side.
Eye for pulling on opposite side.

The trolley is secured on its tube and can only be taken off after the securing lock has been activated.



Payload up to 60 kg



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Motorized Monopoles

TLM 70.120

Monopole for the precise positioning of spotlights and audio and video equipment.
Motorized vertical movement with dynamically self-locking drive.
Fully modular design for easy adaptation to local requirements or customer requests. Motorized horizontal movement as an option.

Monopoles by MTS are famous for their extremely small radial deviation of less than ±2°. Thanks to their thought-through design, they provide as much operational safety as technically possible. The slim footprint of only 120 x 68 mm of the external tube makes it possible to use the monopole also overgrid. Two bobby cable drums (left and right of the drive) ensure precise cable guidance and thus a very smooth movement of the monopole's tubes. The tubes are secured in place by wear and tear-free plastic guides that also prevent them from getting stuck.
Monopoles by MTS guarantee the highest degree of flexibility in studio use: Fully automated studios reduce the time to modify the light settings according to the different pre-programmed formats to an absolute minimum.
Power supply to the monopoles may either be through trailing cables or more economically through live and signal conductor rails.
There are two standard versions available with a maximum extension of either 7 m (TLM 70) or 12 m (TLM 120).
Special overgrid versions available.
All types are fully compliant with safety standards BGV C1 (former VBG 70) and DIN 15560 T46. Registered type-approval code: 034505.

Part No
316.000
316.001

Fully automated monopole with motorized yoke and barndoors

Fully automated studio at SWR (Germany)

Payload up to 60 kg

Subject to change without prior notice

MTS Media Technical System by MovieTech

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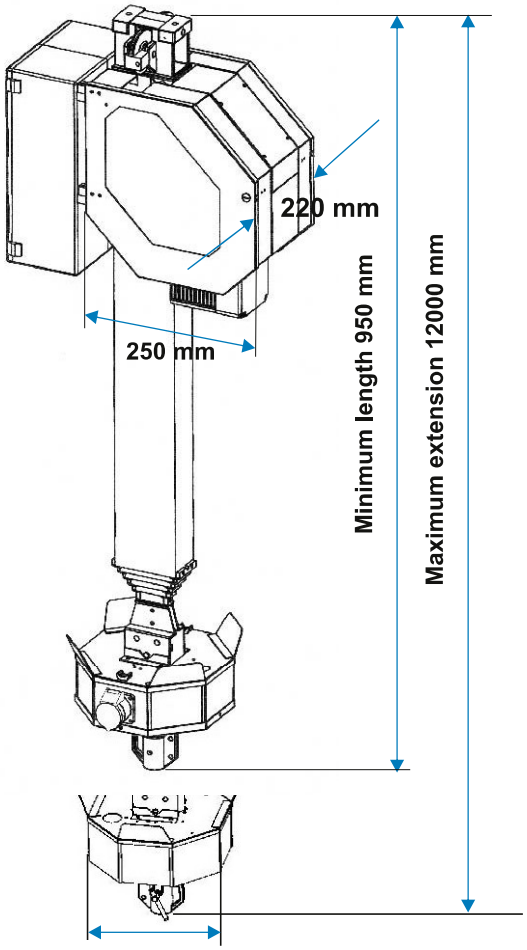
Monopoles compliant with DIN 15560 T46

Technical Data

payload max. 60 kg (TLM 70)
payload max. 50 kg (TLM 120)
two supporting cables (Ø 2,8 mm diameter)
tube material AlMgSi 0,5/F22
hardness HB 2,5/62,5
footprint of external tube: 120 x 68 mm
radial deviation < ±2°
lifting speed approx. 135mm/s
maximum extension: 7.0 m (TLM 70) or 12.0 m (TLM 120)
length when folded completely: 950 mm
dead weight: approx. 50 kg
lifting noise approx. 48 dB(A)
motor 3 x 230/400 V, 50 Hz, 0,4 kVA
motor protected against thermal overload
duty cycle 0,2
motor's protection class IP 54
torque 88 Nm
Dynamically self-locking drive
Self-lubricating (-30 °C to +150 °C)
Cable-break and slack-cable detectors on each supporting cable
Overload detection with load factor 1.2
Detectors for the end of the upper and lower operating range
Emergency switches for the end of the upper and lower maximum range
Adjustable slopes for soft-start and stop
Should a collision occur, monopole will move 60 mm in opposite direction
Standard spirally-turned cable: 3 x 2,5 mm², 5 x 0,75 mm², 6 x 0,32 mm²
Load attachment through DIN socket (Ø 29 mm)



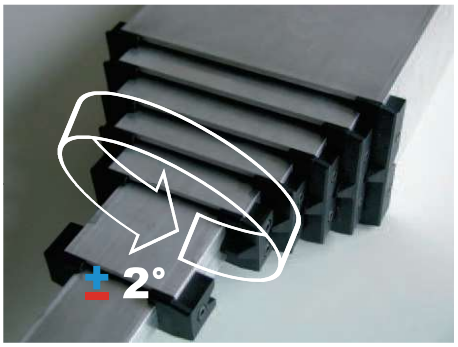
Cable basket 440mm

Compliance-tested according to BGV C1

Cable-break and slack-cable detection using proximity switches.

Wear and tear-free mechanical overload detection.
Can be adjusted from outside

Extremely precise tube guidance for minimal radial deviation



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Overgrid Monopoles

TLM 90 GM

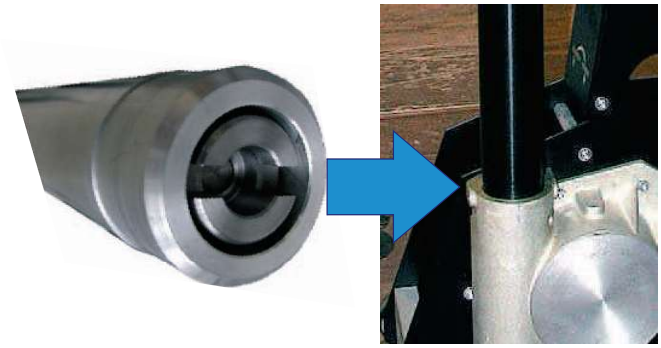
Part No 317.00

Overgrid monopole for the precise positioning of spotlights and audio and video equipment. Vertical movement by means of an external motor with a 68 mm adapter (electric drill with torque limiter). Dynamically self-locking drive according to BVG C1. Fully modular design for easy adaptation to local requirements or customer requests.
Very short when folded completely.
Two bobby cable drums (left and right of the drive) ensure precise cable guidance and thus a very smooth movement of the monopole's tubes. The tubes are secured in place by wear and tear-free plastic guides that also prevent them from getting stuck.
Monopoles by MTS are famous for their extremely small radial deviation of less than ±2°. Load attachment through DIN socket (Ø 29 mm).
Fully compliant with safety standards BGV C1 (former VBG 70) and DIN 15560 T46.

Payload 60 kg

Max. Extension 10 m

External motor with mechanically locking connector



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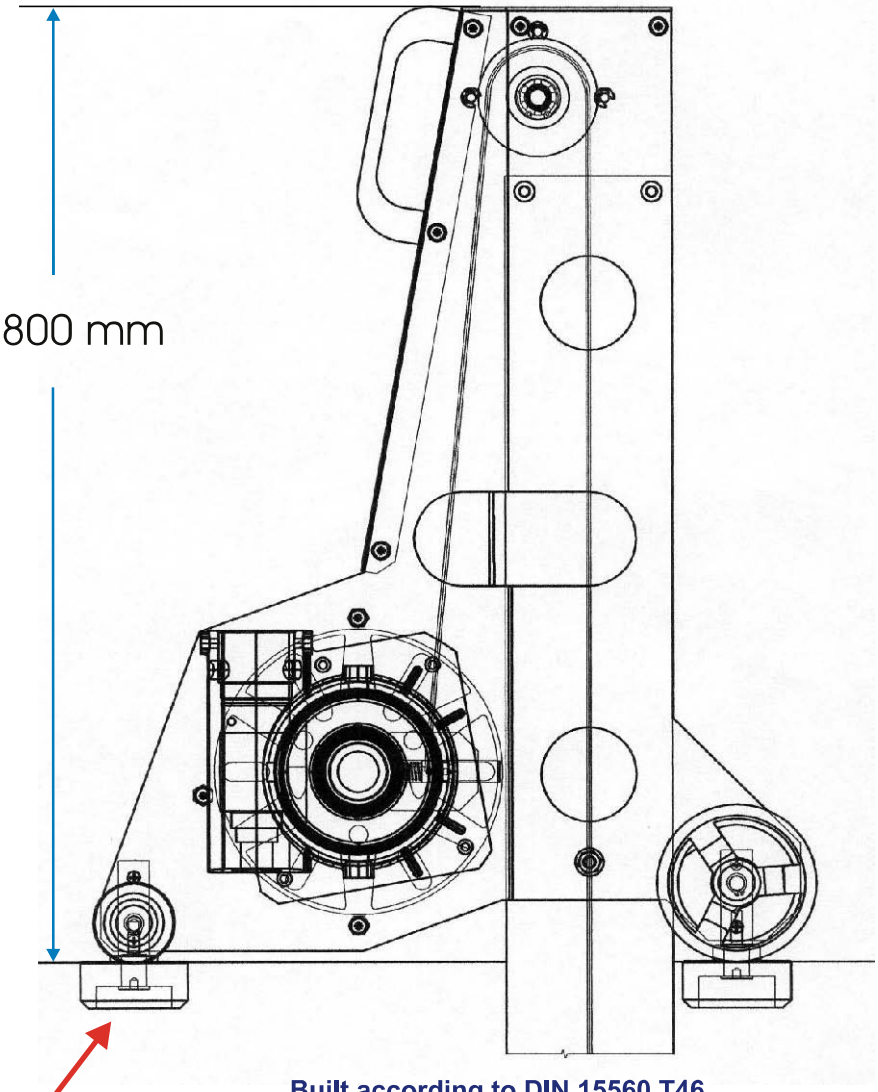
Monopoles

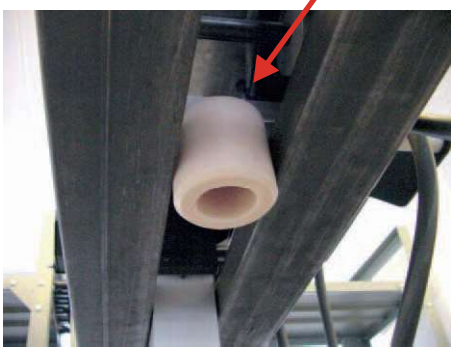
compliant with DIN 15560 T46

Vertical adjustment by electric hand drill with integrated torque limiter and pressure-driven rebound protector.



Built according to DIN 15560 T46

Guide wheel between the grid's supporting rails



Technical Data

maximum extension: 10.0 m
payload max. 60 kg
two supporting cables (Ø 2,8 mm diameter)
Load attachment through DIN socket (Ø 29 mm)

Vertical adjustment by electric hand drill with torque limiter
dynamically self-locking drive
dead weight approx. 30 kg

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Monopoles compliant with DIN 15560 T46

Motorized Overgrid Monopoles

TLM 90 GE

Overgrid monopole for the precise positioning of spotlights and audio and video equipment.
Motorized vertical movement with dynamically self-locking drive.
Fully modular design for easy adaptation to local requirements or customer requests.
Motorized horizontal movement as an option.

Overgrid monopoles by MTS are available with either two or four axles. The wheels are vulcanized with a special rubber blend that assures very low noise and high durability. Monopoles by MTS are famous for their extremely small radial deviation of less than ±2°. The footprint of the external tube is only 120 x 68 mm. Two bobby cable drums (left and right of the drive) ensure precise cable guidance and thus a very smooth movement of the monopole's tubes. The tubes are secured in place by wear and tear-free plastic guides that also prevent them from getting stuck.

All operational elements are mounted on monopole.

Part No 317.001

Payload up to 60 kg

Built according to DIN 15560 T46

Handle and eye for transportation

Control switches and status indicators

Load attachment through DIN socket (Ø 29 mm)

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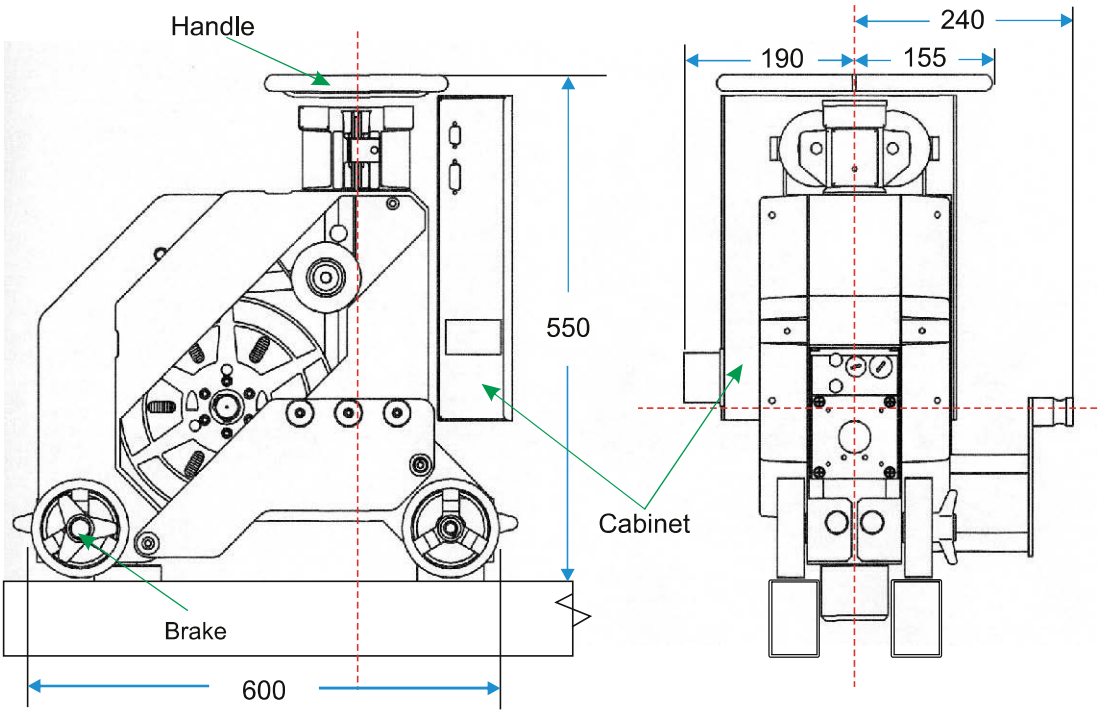
Monopoles compliant with DIN 15560 T46

Technical Data

payload	max. 60 kg
two supporting cables	Ø 2,8 mm diameter
tube material	AlMgSi 0,5/F22
hardness	HB 2,5/62,5
footprint of external tube:	120 x 68 mm
radial deviation	< ±2°
lifting speed approx.	135mm/s
maximum extension:	10,0 m
dead weight:	approx. 50 kg
lifting noise approx.	48 dB(A)
motor	3 x 230/400 V, 50 Hz, 0,4 kVA
motor protected against thermal overload	
duty cycle	0,2
motor's protection class	IP 54
torque	88 Nm

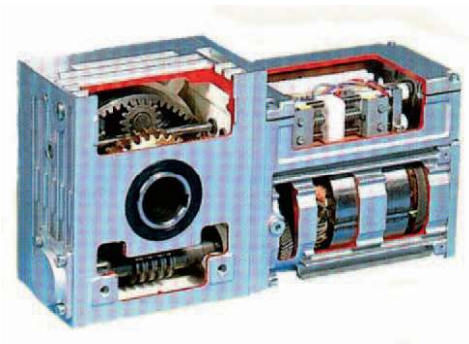
Dynamically self-locking drive
Self-lubricating (-30 °C to +150 °C)
Cable-break and slack-cable detectors on each supporting cable
Overload detection with load factor 1.2
Detectors for the end of the upper and lower operating range
Emergency switches for the end of the upper and lower maximum range
Adjustable slopes for soft-start and stop
Should a collision occur, monopole will move 60 mm in opposite direction
Standard spirally-turned cable: 3 x 2,5 mm², 7 x 0,75 mm², 4 x 0,34 mm²
Load attachment through DIN socket (Ø 29 mm)
Eye for safety cable
UP and DOWN push-buttons mounted on monopole



Control cabinet

Adjusting screws for the operating range and maximum range detectors

back geared motor



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Self-climbing Hoist

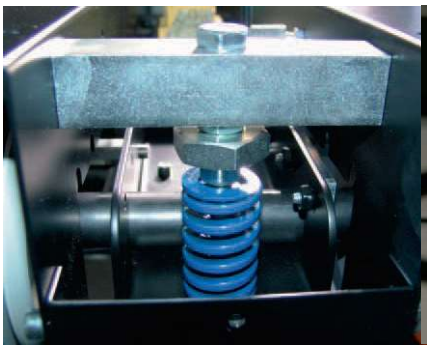
SC 1000 B

This lighting hoist features bobby cable drums and allows for a safe but still flexible use of your lighting fixtures. Spotlights as well as audio and video equipment can easily be attached to the load pole (Ø 48,3 mm) that may also be used as a rail. In a self-climbing hoist, motor and drive are mounted in the vertically moving part below. The hoist has 4 supporting cables, two on each side (5 mm diameter) and is equipped with a number of safety features: slack-cable detection for each cable, detectors for the upper and lower operating range as well as emergency detectors for the end of the upper and lower maximum range. The unique overload detector works extremely reliable regardless of the load distribution. The overload detector is as all service set points are easily accessible from the outside for adjustment without having to remove parts or subassemblies. The hoist is equipped with cables and outlets according to customer demands.
As a standard, the hoist can be controlled through a wall panel as well as through infrared or radio remote control.

Maximum payload 100 kg

Built according to DIN 15560 T46

Adjustable wear and tear-free mechanical overload detection



Cable-break and slack-cable detectors

Potentiometer

Subject to change without prior notice

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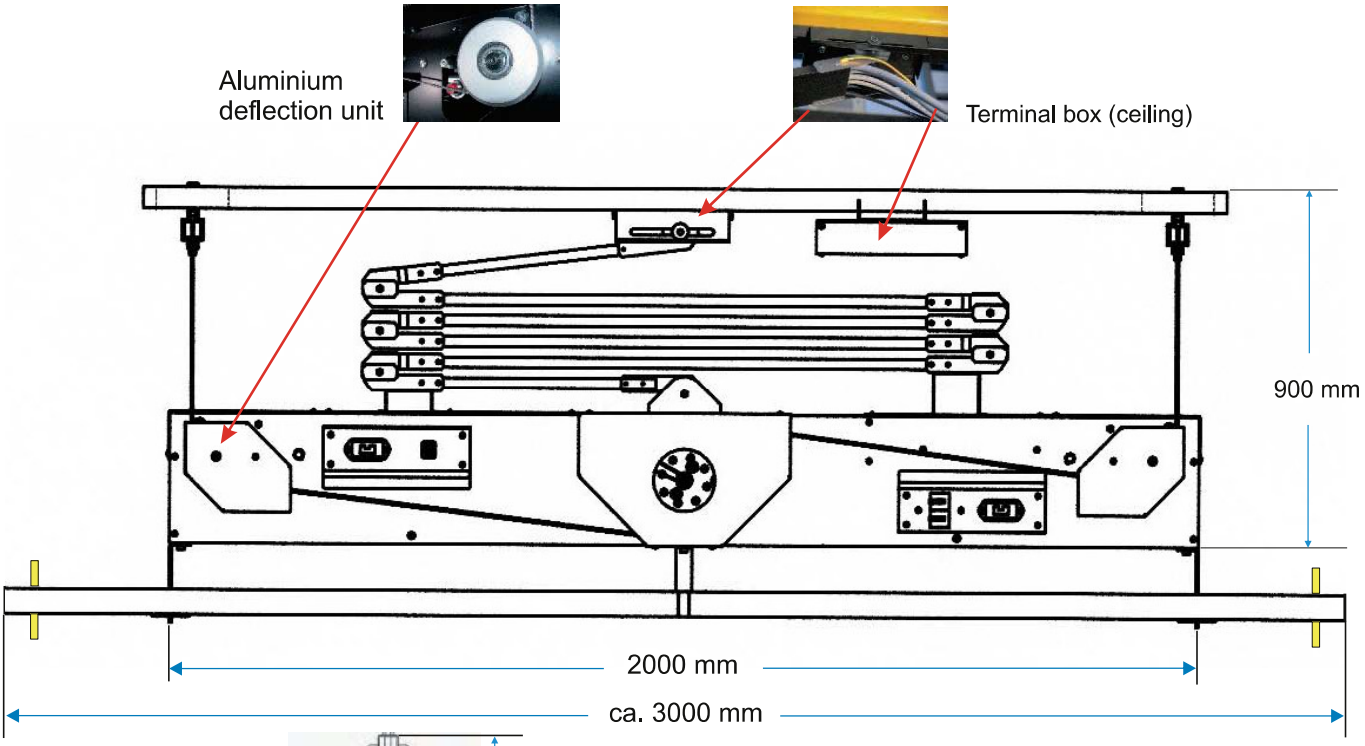
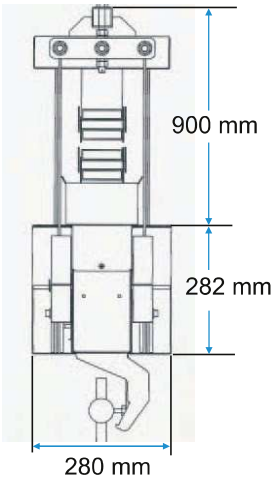
Hoists

compliant with DIN 15560 T46





Power and control outlets
according to customer requests

Technische Daten

load pole 48.3 mm diameter, 3.00 m long
length of body: 2.00 m
maximum lift height:10 m
lifting speed: approx. 135 mm/s
motor 3 x 230/400 V, 50 Hz, 0,4 kVA
motor protected against thermal overload
duty cycle 0,2
motor's protection class IP 54
example for outlets
16 A CEE / 32 A CEE
16 A Schuko
DMX
dynamically self-locking drive
self-lubricating (-30 to +150° C)
Cable-break and slack-cable detectors on each supporting cable
Detectors for the end of the upper and lower operating range
Emergency switches for the end of the upper and lower maximum range

Subject to change without prior notice

MTS
Media Technical System
by MovieTech

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Self-climbing Hoist

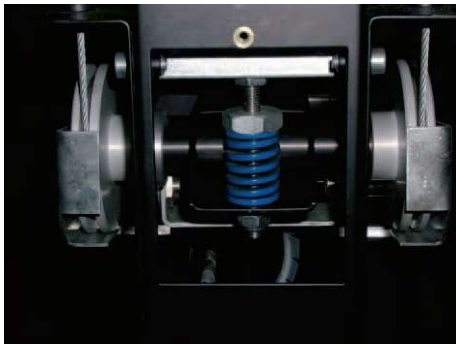
SC 1200 B

This lighting hoist features bobby cable drums and allows for a safe but still flexible use of your lighting fixtures. Spotlights as well as audio and video equipment can easily be attached to the load pole (Ø 48,3 mm) that may also be used as a rail. In a self-climbing hoist, motor and drive are mounted in the vertically moving part below. The hoist has 4 supporting cables, two on each side (5 mm diameter) and is equipped with a number of safety features: slack-cable detection for each cable, detectors for the upper and lower operating range as well as emergency detectors for the end of the upper and lower maximum range. The unique overload detector works extremely reliable regardless of the load distribution. The overload detector is as all service set points are easily accessible from the outside for adjustment without having to remove parts or subassemblies. The hoist is equipped with cables and outlets according to customer demands.
As a standard, the hoist can be controlled through a wall panel as well as through infrared or radio remote control.

Maximum payload 120 kg

Built according to DIN 15560 T46

Adjustable wear and tear-free mechanical overload detection



Guiding clips for flat cable

Terminal box (ceiling)

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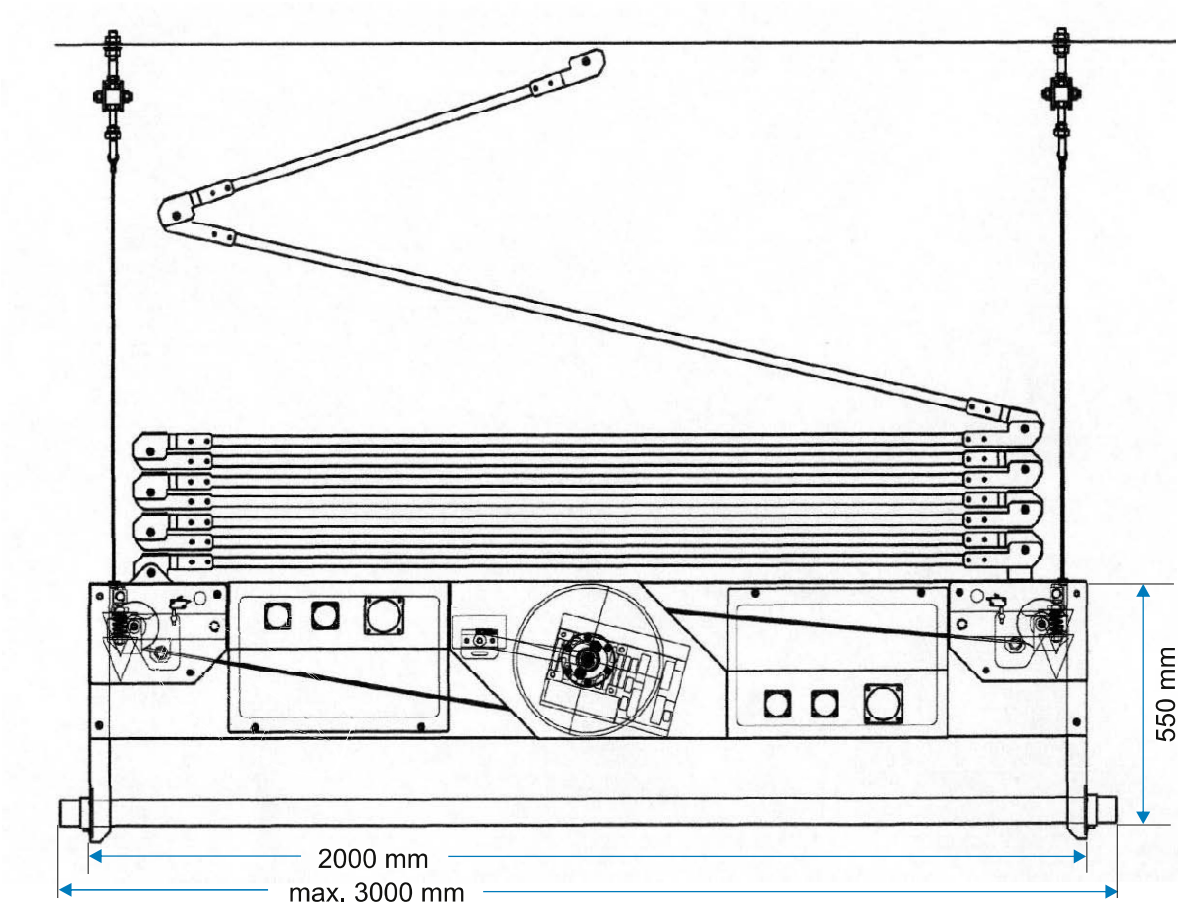
Hoists

compliant with DIN 15560 T46



Load attachment through hook clamp
or trolley
(e.g. LW-R 48)

Power and control outlets
according to customer requests

Technische Daten

load pole 48.3 mm diameter, 3.00 m long
length of body: 2.00 m
maximum lift height:12 m
lifting speed: approx. 135 mm/s
motor 3 x 230/400 V, 50 Hz, 0,4 kVA
motor protected against thermal overload
duty cycle 0,2
motor's protection class IP 54
example for outlets
2 x 32 A CEE
3 x 16 A Schuko
3 x DMX
dynamically self-locking drive
self-lubricating (-30 to +150° C)
Cable-break and slack-cable detectors on each supporting cable
Detectors for the end of the upper and lower operating range
Emergency switches for the end of the upper and lower maximum range

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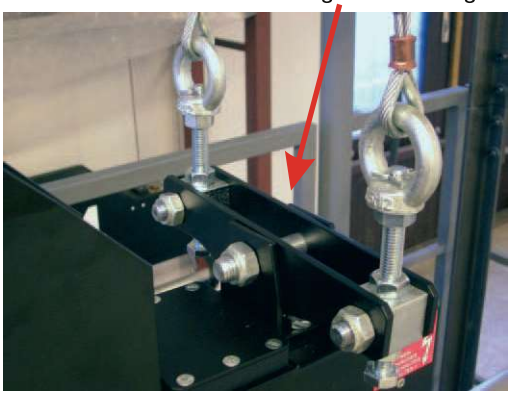
SLP 1000 B

This lighting hoist features bobby cable drums and allows for a safe but still flexible use of your lighting fixtures. The drive is located asymmetrically either on the right or left side of the chassis, which is usually mounted to the steel structure of the ceiling.
The hoist has 4 supporting cables, two on each side (4 mm diameter).
Lighting fixtures can easily be attached to the 48 mm tube that may also be used as a rail.
The hoist is equipped with a number of safety features: slack-cable detection for each cable, detectors for the upper and lower operating range as well as emergency detectors for the end of the upper and lower maximum range. The unique overload detector works extremely reliable regardless of the load distribution within the load profile specified overleaf. The overload detector is - as all service set points are - easily accessible from the outside for adjustment without having to remove parts or subassemblies.
The hoist is equipped with cables and outlets according to customer demands.
As a standard, the hoist can be controlled through a wall panel as well as through infrared or radio remote control.

Maximum payload 100 kg

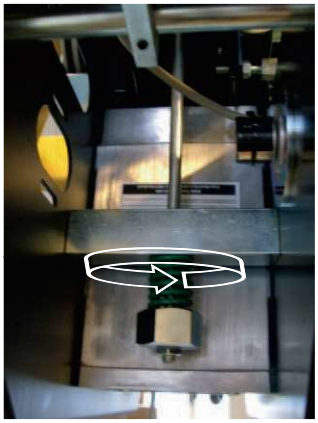
Fully compliant with DIN 15560 T46

Balancing of cable lengths



Guiding clips for flat cable

Overload detector (mechanical)



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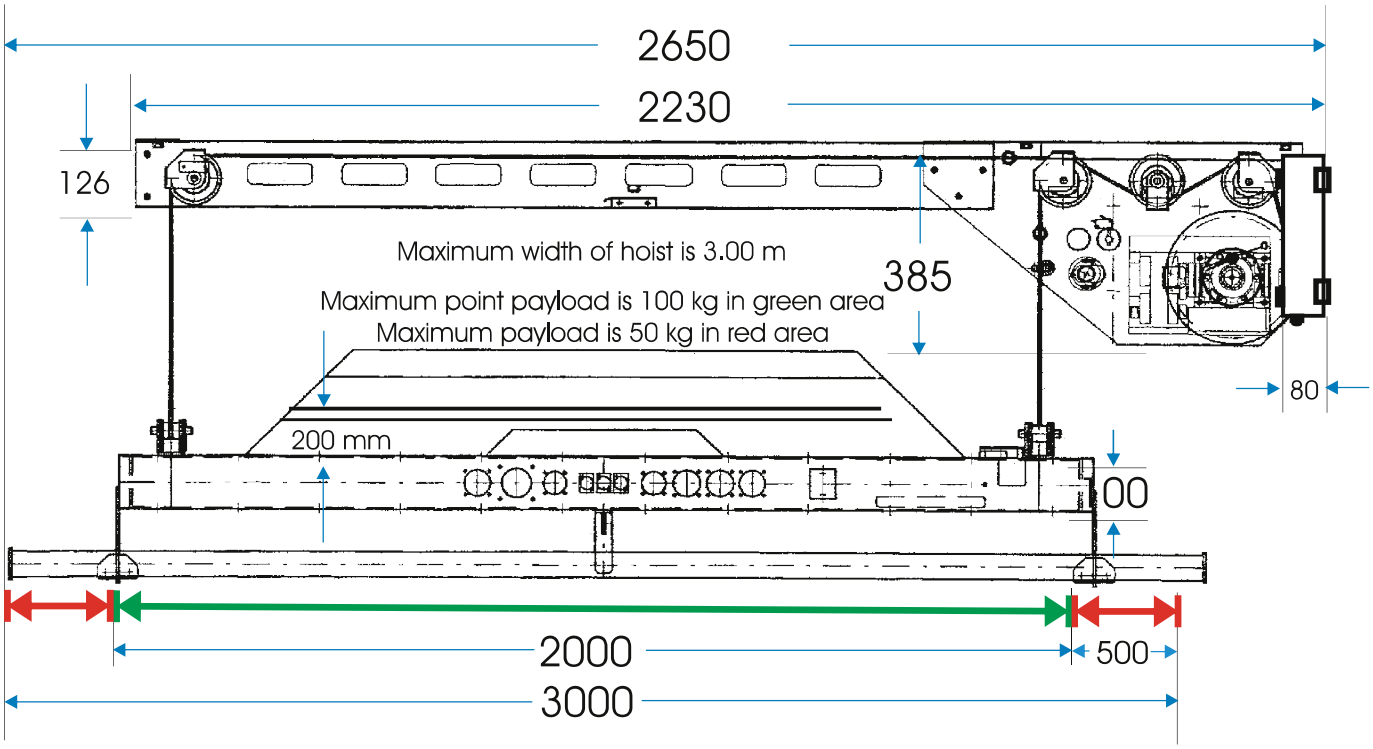
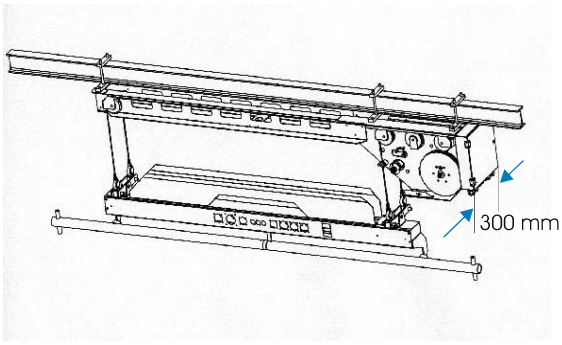
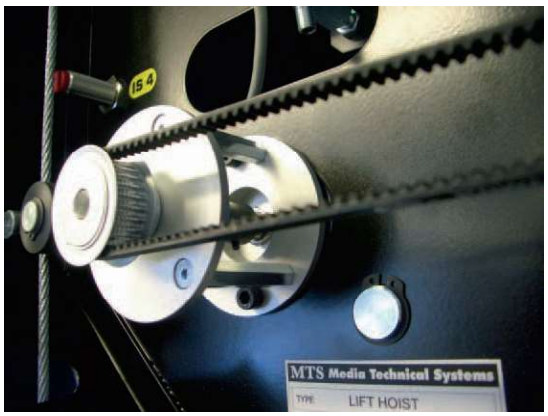
Hoists

compliant with DIN 15560 T46





Absolute position sensing with
high-precision potentiometer



Technical Data

load pole: 48.0 mm diameter, 3.00 m long
length of lower body: 2.00 m
maximum lift height: 11 m
lifting speed: approx. 135 mm/s
motor: 230 / 400 V AC, 50 Hz
motor is IP 54
dead weight approx. 95 kg
example for outlets
1 x 32 A CEE
3 x 16 A Schuko
3 x DMX

dynamically self-locking drive
self-lubricating (-30 to +150° C)
slack-cable detection for each cable
overload detector
detectors for upper and lower operating range
emergency detectors for end of upper and
lower maximum range
load attachment by clamps or trolleys

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Pole-operated Hoist

DIN 15560 T46

POH 450

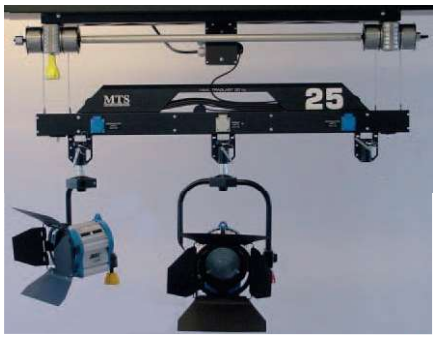
This pole-operated lighting hoist allows for a safe, low-cost but still flexible use of your lighting fixtures and is ideally suited for smaller TV, video or photo studios.
Up to three lampheads can be attached to the three DIN spigots provided. The positions of the spigots may be moved; 16 mm spigots or sockets can be mounted optionally. The hoist can be screwed to the steel structure of the ceiling. Alternatively, clamps can be used. The four cable drums are firmly coupled to the drive and host two supporting cables on each side (2 mm diameter). The maintenance-free drive is dynamically self-locking and is operated by an aluminium die-cast pole. After the maximum lift height has been reached, a maintenance-free brake will block the cable drums and thus prevent further extension.
The hoist is equipped with three independent power channels (16 A each). The electric connection between the terminal box, mounted on the hoist's base, and the three power outlets below is made by a folding flat cable. Two cable guides ensure that the cable folds automatically and space-saving, as soon as the hoist is moved upwards.
Below, standard power outlets are Schuko; any other outlet is optional.
The balancing of the cable lengths is integrated below and can be monitored through a window.

Art. Nr. 319.030 PO

Payload 30 kg

fully compliant with DIN 15560 T46

Two dimmed outlets
one mains outlet



Integrated balancing
of cable lengths

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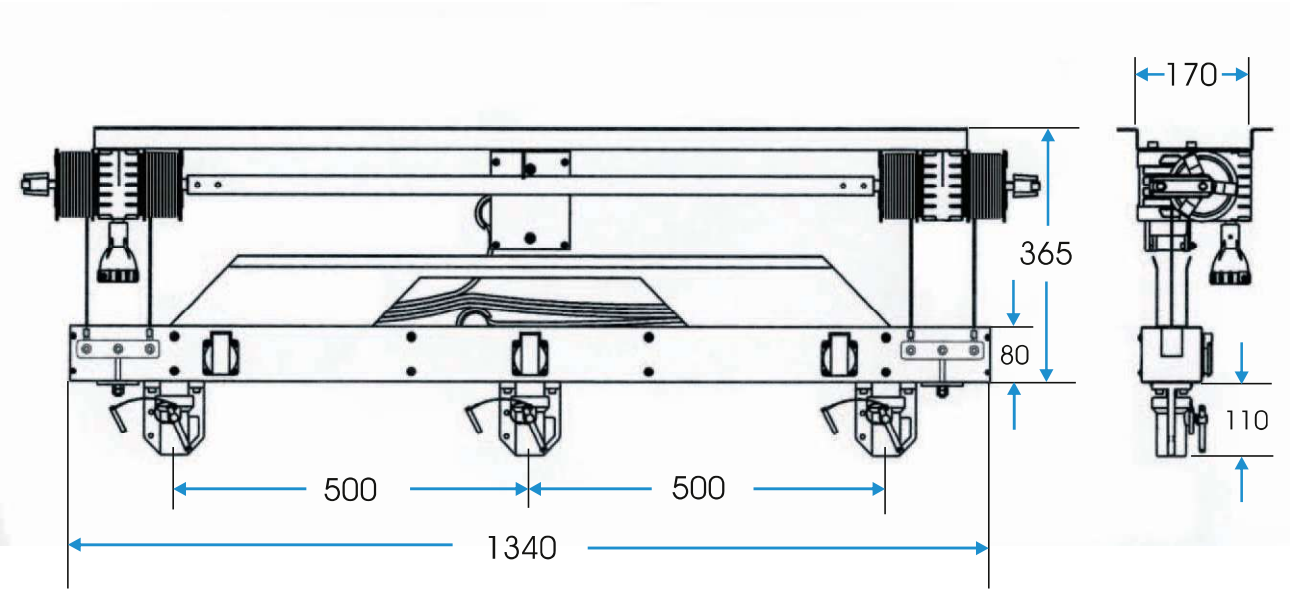
Pole-operated Hoist

DIN 15560 T46

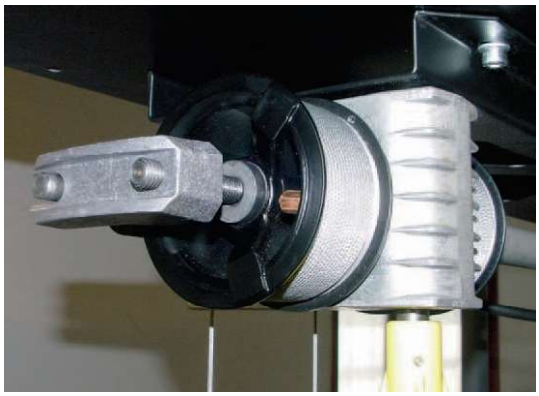


Also suitable for theaters and photo studios

Technical Data

length when folded completely: 365 mm
maximum lift height: 4.5 m
payload 30 kg
two supporting cables on each side (2 mm diameter)
dynamically self-locking drive
drive transmission: 1:20
load attachment: 3 x DIN socket 29 mm (16 mm optionally)
power cable: 9 x 2,5 mm², flat cable
Power outlets below: 3 x 16 A (Schuko, CEE 17 optionally)
dead weight: approx. 35 kg
brake on cable drum limits lift height
pole-operated
Fastening: brackets or clamps
Colour: black
Options: integrated dimmers; DMX

Brake on cable drum



Drive with operating pole

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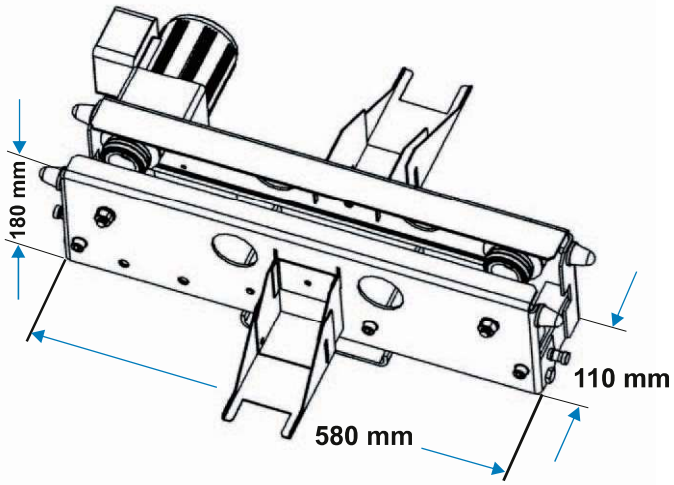
Trolley for IPE profiles

Part No 315.140 E

Motorized trolley for IP and IPE (“double-T”) profiles with 100 to 160 mm width. Motor control through DMX, IR remote control, monopole's radio remote control or Positioning Control System.
Optionally, the trolley can be equipped with current collectors and position sensing.

Motor 230 V AC, 50 Hz, approx. 15 VA.
Horizontal travelling speed is approx. 120 mm/s.
Different gear boxes can be mounted (e.g. 50:1 or 60:1) to adjust speed to local requirements.
Force transmission to the profile is by means of a friction wheel with adjustable contact pressure. The wheels are vulcanized with a special rubber blend that assures very low noise and high durability.
Either side panel may be folded away completely; thus the trolley can be mounted on any position of the rail easily.

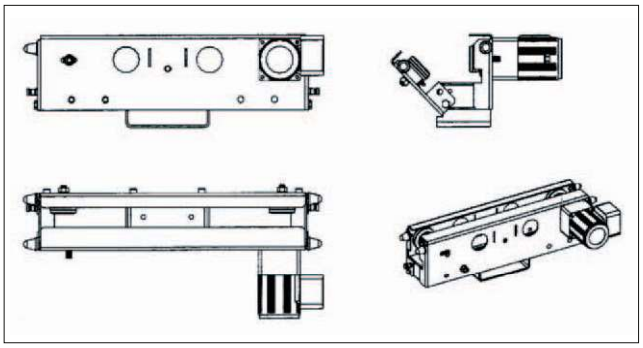
Monopoles and motorized pantographs made by MTS already provide mounting points for this trolley. Heavy-duty versions with payloads of up to 250 kg (for e.g. chain hoists) are available.



Max. payload 120 kg

Motorized pantograph with IP profile trolley

Folding side panels



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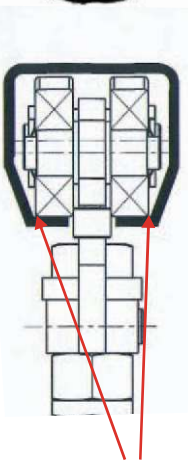
Trolley for H 300 rail systems

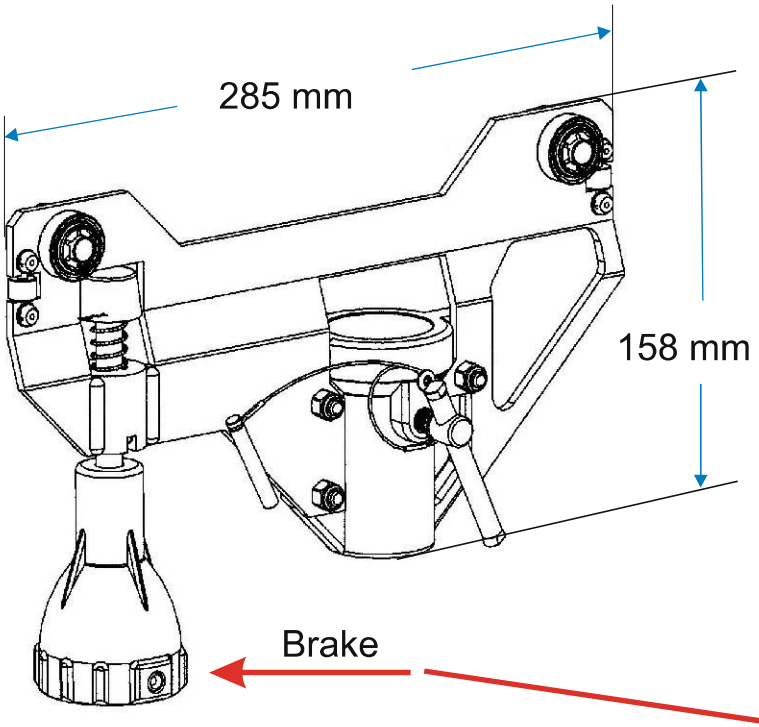
Technical Data

Trolley for rail systems of the 'Helm 300' type.
Load attachment through DIN socket (Ø 29 mm) with eye for safety cable.
Equipped with a pole-operated brake on one side.
Eye for pulling on opposite side.

Part No 315.530 PO



Precise guidance of the supporting wheels



Payload up to 60 kg

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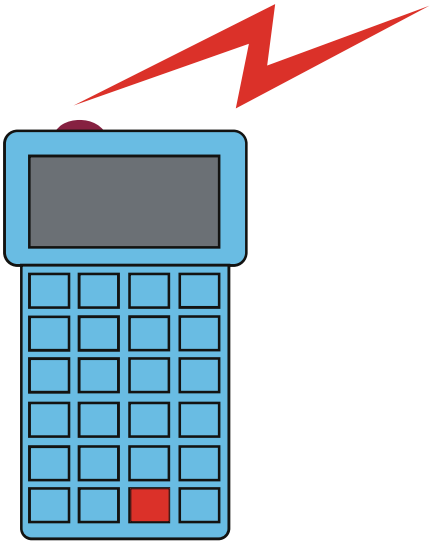
Radio-Remote Control

Features of the DECT radio-remote control



The radio-remote control enables the user to control all motorized functions within the studio. Furthermore, it also displays the status messages, coming from the single control boxes (i.e. single suspension devices):

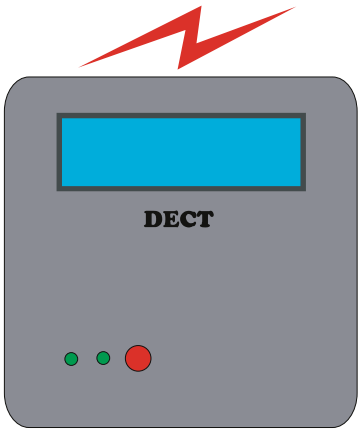
Emergency switch upper maximum range
Emergency switch lower maximum range
Overload
Cable break
Slack cable
No communication with monopole

DECT features:

Bi-directional data rate of up to 115.2 kbps
Range of up to 300 m (free field) and up to 50 m inside buildings
400 transmission channels
Automatic channel selection; several transmitters may be used independently within the same studio simultaneously

Features of the transmitter:

Continuous operation for up to 10 hours
All status information on LC display



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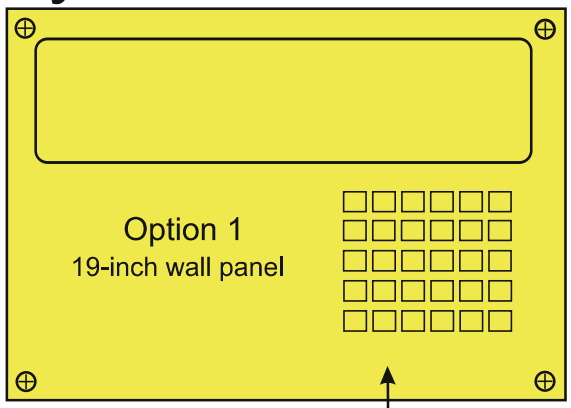
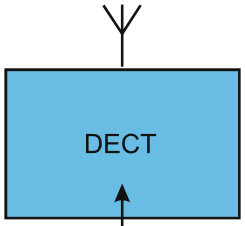
Systems Overview



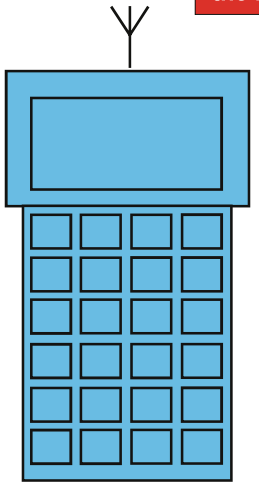
The Positioning Control System was developed to perform fully automated or semi-automated positioning of monopoles in TV studios. It not only features the control of the vertical and horizontal movements of monopoles, but also full control of lighting fixture parameters like pan, tilt, focus, barndoors, and so on.

For redundancy purposes, a second Main Control Unit may be installed as a back-up system. Should the main system fail for any reason, work can be continued using the back-up system.

The wall panel works like a remote control but is installed in a 19-inch rack system. Dedicated keys allow for a direct selection of units, e.g. chain hoists.



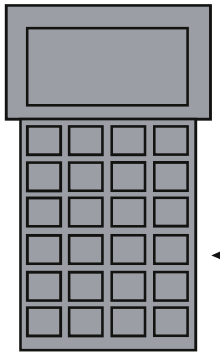
Option 2
Radio-remote control



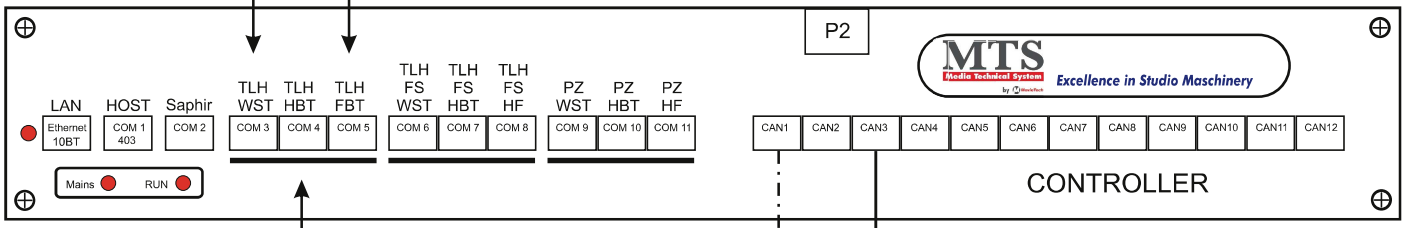
The radio-remote control enables the user to control all motorized functions within the studio. Furthermore, it also displays the status messages, coming from the single control boxes. The radio-remote control uses DECT and thus features a range of approx. 100 m.

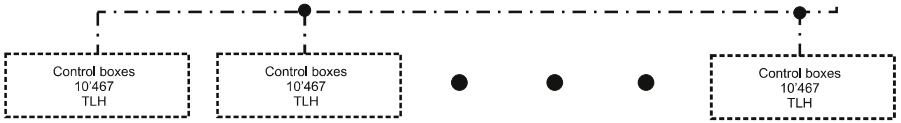
The Main Control Unit is the heart of the system. It processes user requirements and status information and handles all communication between the various parts of the system in real-time.

Option 3

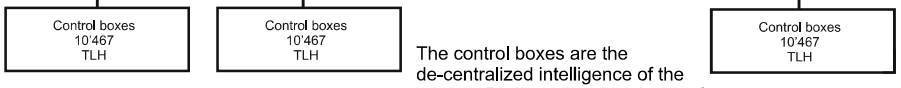


On-wires
remote control





Positioning Control System



The system comprises of the following elements:
Main Control Unit (optionally with back-up system)
- 1 to 250 control boxes
- Control unit Posi-Control
- 1…6 remote controls
- 1…3 wall panels

The on-wires remote control works exactly like the radio-remote control apart from that it needs a wire running to the Main Control Unit.

The control boxes are the de-centralized intelligence of the system. Dedicated to the control of one complete instrument with all its feature, they handle all commands and generate status messages for instant feed-back.

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MovieTech

Movie Tech AG, located in Munich, is one of the leading manufactures of products and solutions for the film industry. The product line of Movie Tech AG includes the hole range of camera cranes, dollys, light systems, remote heads and related accessories. Movie Tech AG purpose is to build professional film equipment to make the work for film teams on the set or in the studios easier. In order to fulfill customer's requests better, Movie Tech AG has branches in the U.S. and Italy.

ABC PRODUCTS

Movie Tech AG acquired the company ABC-Products in January 2000 with the objective to improve the development in the broadcast market. ABC-Products is today one of leading brands in the area of extremely light and high-grade broadcast equipment.

MTS
Media Technical System

Since 2006, MTS equipment has been added to the portfolio of MovieTech AG. MTS - Media Technical Systems - manufactures premium studio equipment, including droparms, pantographs, lighting hoists, and telescopes.

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