

Studio
Suspension
Equipment



SYSTEC S.A.

advance by innovation

Suspension Equipment

The investment into a TV studio is high and long lasting. The customers engineers in charge have a high responsibility to choose the adequate equipment for actual and future TV productions and to match the planned budget.

A professional project planning will facilitate the on time installation of the equipment and will save significant costs.

The SYSTEC studio team with its 20 years experience in studio business, will support the customer starting with studio planning up to finalizing the project.



SYSTEC suspension equipment is designed for professional use, fulfilling most severe international and German **safety standards** like DIN15560-46 and BGV C1.

All motorized hoists are equipped with upper and lower limit switches, upper and lower emergency limit switches, overload protection, slack wire safety device and motor overheat protection. In case any of these situations occurs, the hoist will stop and change to a safe status. The used motor-gears are dynamically self-locking, means that even at complete power failure, the hoist will stop its movement with any load in any direction.

The **reliability** of the studio products is a key issue, that's why we are using mechanical and electrical components with proven industrial quality, like the motor-gear which is fully sealed and filled with lifetime lubricant. Metal parts are made from non-corrosive materials or have an anti-corrosive protection, to withstand even difficult environments for many years.

The modular design concept of our hoists permits a high flexibility for **customized solutions**. The customer will have a product designed to fit his specific requirements.

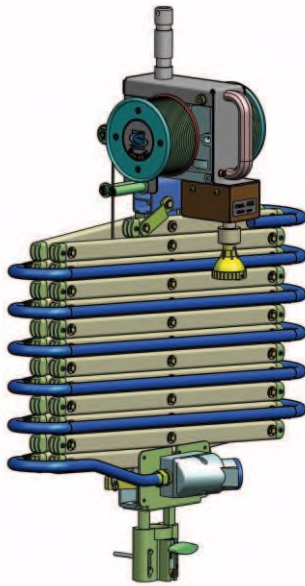
A wide range of **suspension control** solutions are available. Beginning with manual control from wall panels up to automated studios operated from a touch screen suspension control system with grouping function and memory positioning features for up to three axis per hoist. Wireless operation is available as an option. Whenever possible, emergency operation backup solutions will be implemented in the system.

Service and after sales support is performed together with our business partners worldwide.

The catalog shows the standard versions of hoists and track systems. For on time planned projects, various customized solutions are feasible, to perfectly fit customers needs.

Technical specifications and scope of delivery are subject to change without notice.

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Cable pantographs allows the safe positioning of lighting equipment in studios with a ceiling height up to 7m.

The extruded aluminium sections of the scissors ensures high torsional rigidity. The self locking worm-gear drive and the use of oversized $\varnothing 3\text{mm}$ steel cables, allows a safe and reliable operation of the equipment.

The cable pantographs are equipped with an overload device to make sure that the safe working load will not be exceeded.

The powder coated metal construction guarantees durability in professional environment.

The standard lighting circuit is a $3 \times 2,5\text{mm}^2$ cable with rubber jacket and CEE17 16A connectors.

Technical Specification

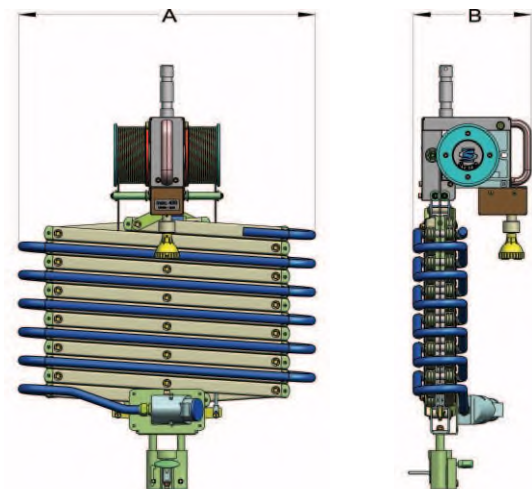
Safe working load (SWL)	max. 50kg, depending on top fixation
Lifting cables	$\varnothing 3\text{mm}$ galvanized steel
Upper fixation	DIN spigot 28mm
Load attachment	DIN socket 28/16mm
Operation	Manual operation with a crank pole or battery powered operating pole
Dimensions	A = 530mm B = 275mm
Ambient temperature	0 - 40°C
Standards	DIN 15560-46, BGV C1

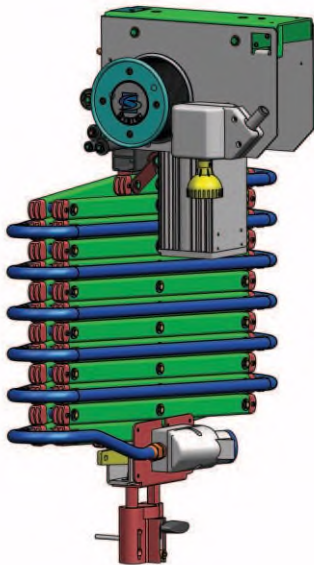
Product Versions

Order code	Min. length	Max. length	Weight	Studio height
SCP300-01	70cm	300cm	17kg	4,5m
SCP430-01	80cm	430cm	20kg	6,0m
SCP550-01	90cm	550cm	22kg	7,0m

Product Options and Accessories

LTT504	Tube Trolley for UTS tubes or pipes $\varnothing 38 - 52\text{mm}$
M-C150	C-clamp with 28mm socket and 16mm spigot, rotatable
SCP-BD01	Battery drill with charger and 2 batteries
SCP-TP60	Telescopic operating pole, extension 2,0 - 6,4m with adapter for battery drill





Motorized pantographs allows a fast and comfortable positioning of luminaires in studios with a ceiling height up to 12m. The square-shape scissors elements ensure best torsional rigidity.

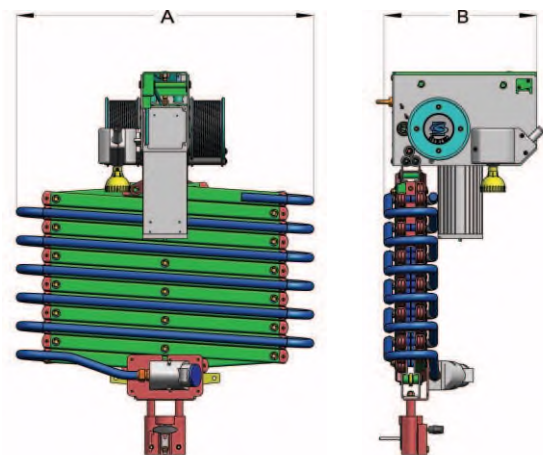
For the standard version, the UP / DOWN operation is done by means of a rotatable cup switch. Product versions for external operation from a control panel or an automated suspension control system are available.

The motorized pantographs can be attached to tubes by means of a tube trolley, they can be operated with motorized trolleys ST200 or ST300 or can be fixed to the existing ceiling subconstruction.

The standard lighting circuit is a 3 x 2,5mm² cable with rubber jacket and CEE17 16A connectors.

Technical Specification

Safe working load (SWL)	max. 60kg, depending on top fixation
Lifting cables	ø3mm galvanized steel
Top fixation	top plate of housing
Load attachment	DIN socket 28/16mm
Power supply	400V/50Hz - 3phase
Lifting speed	9,2m/min
Dimensions	A = 540mm B = 320mm
Ambient temperature	0 - 40°C
Standards	DIN 15560-46, BGV C1



Product Versions

Order code	Min. length	Max. length	Weight	Studio height
SMP550-01	92cm	550cm	33kg	7,0m
SMP750-01	112cm	750cm	38kg	9,0m
SMP1000-01	130cm	1040cm	42kg	12,0m

Product Options and Accessories

SMP-DMX	DMX circuit with XLR-5p connectors
SMP-S16A	230V-16A non-dim circuit with Schuko connectors and cable 3 x 2,5mm ²
SMP-C32A	32A dimmer circuit with CEE17 connectors and cable 3 x 4,0mm ²
SMP-POS	Vertical positioning system for SMP
SMP-TT	Tube trolley for motorized pantographs to be used for UTS tubes or pipes ø38 - 52mm with holding brake, max. load 120kg
SMP-AT	Fixation set for SMP on UTS tubes or pipes ø38 - 52mm



Motorized pantographs double scissors version

combines the advantages of motorized pantographs concerning individual positioning of lighting devices, with the flexibility of barrel hoists. Loads can be attached onto the 1,2m UTS load barrel by means of SYSTEC tube trolleys or by using standard C-clamps. The hoist can be fixed to existing ceiling subconstruction or can be attached to motorized trolleys ST, featuring solutions for fully automatized studios.

The standard lighting circuits are two 3 x 2,5mm² cables with rubber jacket, one dimmer circuit with CEE17 16A socket and one 230V 16A non-dim circuit with Schuko socket. One DMX outlet with XLR-5p socket is included in standard version.

Technical Specification

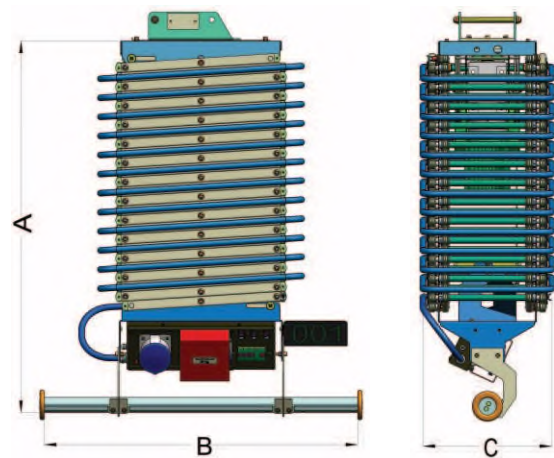
Safe working load (SWL)	60kg
Lifting cables	ø3mm galvanized steel
Hoist attachment	SYSTEC fast lock
Load attachment	UTS barrel
Power supply	400V/50Hz - 3phase
Dimensions	A = 800/1000/1200mm B = 1200mm C = 450mm
Ambient temperature	0 - 40°C
Standards	DIN 15560-46, BGV C1

Product Versions

Order code	Min. length	Max. length	Weight	Aver. Speed	Studio height
SMPD550-01	1,0m	5,5m	60kg	10m/min	7,0m
SMPD750-01	1,0m	7,5m	70kg	11m/min	9,0m
SMPD1000-01	1,2m	10,2m	80kg	12m/min	11,7m

Product Options and Accessories

SMPD-POS	Vertical positioning system for SMPD
SMPD-DMX	DMX circuit with XLR-5p socket
SMPD-S16A	230V-16A non-dim circuit with Schuko socket and cable 3 x 2,5mm ²
SMPD-C16A	16A dimmer circuit with CEE17 socket and cable 3 x 2,5mm ²
SMPD-C32A	32A dimmer circuit with CEE17 socket and cable 3 x 4,0mm ²
SMPD-ROT	Rotation device for 340° pan movement
SMPD-POSR	Positioning unit for rotation movement
LTT504	Tube Trolley for UTS tubes or pipes ø38 - 52mm





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Suspension Equipment

SMTC Motorized Telescope Ceiling Version



Motorized telescopes ceiling version are often used in automated studios, together with the motorized trolley ST200 or ST300. These hoists are suitable for studios with a ceiling height up to 16,5m.

SYSTEC telescopes are equipped with a low torsion stainless steel telescopic tube set. A special design minimizes the clearance within the tube set.

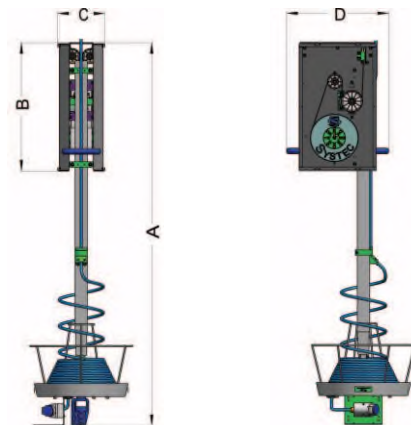
For improved cable guiding a special preformed multicore helix cable is available as option.

Studios with ceiling telescopes are usually controlled by means of a computerized suspension control system.

A wide range of accessories and options are available, that allows individual configuration according customers specification.

Technical Specification

Safe working load (SWL)	60kg
Lifting cables	ø3mm galvanized steel
Load attachment	DIN socket 28/16mm
Dimensions	A = 1800/2200/2800mm B = 600mm C = 220mm D = 480mm
Power supply	400V/50Hz - 3phase
Ambient temperature	0 - 40°C
Standards	DIN 15560-46, BGV C1

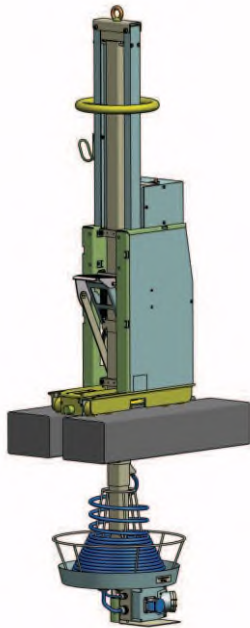


Product Versions

Order code	Min. length	Max. length	Weight	Aver. Speed	Studio height
SMTC7060	1,8m	7,8m	50kg	9,0m/min	9,5m
SMTC7090	2,2m	11,2m	55kg	9,6m/min	13,0m
SMTC7012	2,8m	14,8m	60kg	10,6m/min	16,5m

Product Options and Accessories

SMTC-CBxx	Cable basket for SMTC telescope, standard version with dimmer circuit 16A/CEE17
SMTC-CBxxD	Cable basket for SMTC telescope, DMX version dimmer circuit 16A/CEE17, non-dim circuit 230V-16A / Schuko, DMX / XLR-5p
SMTC-CBxxAV	Cable basket for SMTC telescope, audio / video version non-dim circuit 230V-16A / Schuko, audio / XLR-3p, video / BNC
SMT-POS	Vertical positioning system for SMT telescope
ST200	Motorized trolley ST for IPN200
ST300	Motorized trolley ST for IPN300



Motorized telescopes grid version, are the preferred suspension solution for studios with a square-slotted grid construction, with a grid height up to 14,5m.

A foot actuated lifting mechanism (option) allows the comfortable rotation of the telescope for realignment in slot intersections.

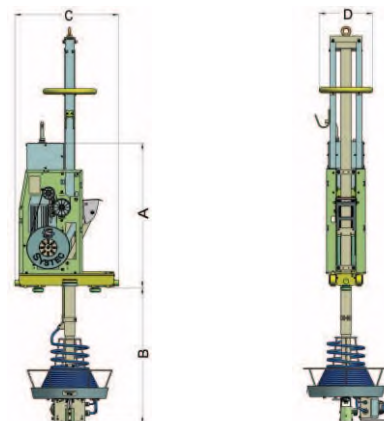
For improved cable guiding a special preformed multicore helix cable is available as option.

The vertical movement of attached lighting equipment is possible from the control box on the telescope or from a central suspension control system (option).

The horizontal movement of the telescope can be done manually or motorized (option).

Technical Specification

Safe working load (SWL)	60kg
Lifting cables	ø3mm galvanized steel
Load attachment	DIN socket 28/16mm
Dimensions	A = 1140/1450/1780mm B = 650 / 850 / 1050mm C = 540mm D = 230mm
Power supply	400V/50Hz - 3phase
Ambient temperature	0 - 40°C
Standards	DIN 15560-46, BGV C1

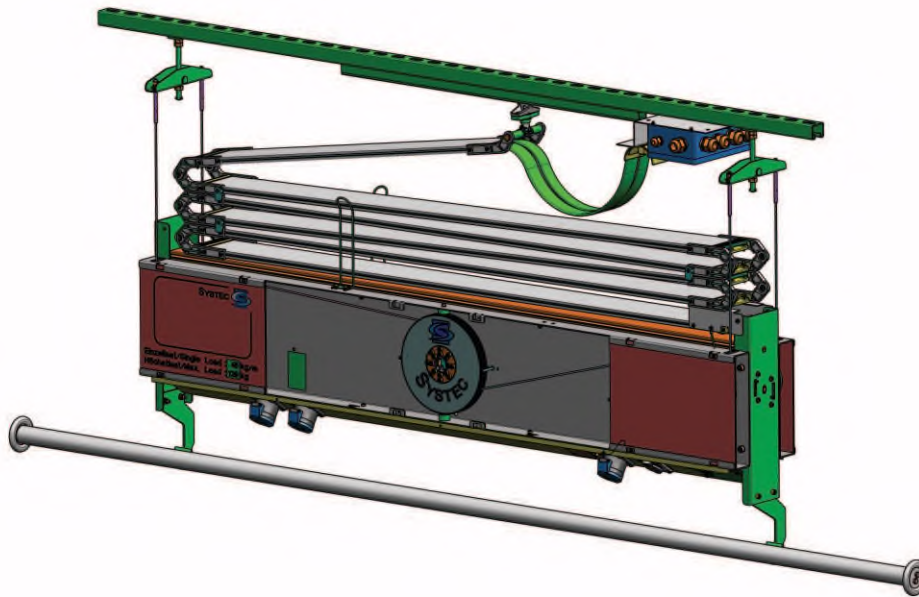


Product Versions

Order code	Min. length	Max. length	Weight	Aver. Speed	Grid height
SMTG8060	0,65m	6,6m	70kg	9,0m/min	8,0m
SMTG8090	0,85m	9,8m	80kg	9,6m/min	11,3m
SMTG8012	1,05m	13,0m	90kg	10,6m/min	14,5m

Product Options and Accessories

SMTG-CBxx	Cable basket for SMTG telescope, standard version with dimmer circuit 16A/CEE17
SMTG-CBxxD	Cable basket for SMTG telescope, DMX version dimmer circuit 16A / CEE17, non-dim circuit 230V-16A / Schuko, DMX / XLR-5p
SMTG-CBxxAV	Cable basket for SMTG telescope, audio / video version non-dim circuit 230V-16A / Schuko, audio / XLR-3p, video / BNC
SMTG-LM	Lifting mechanism, foot actuated for SMTG telescope
SMTG-HMOT	Motorized drive of trolley for SMTG telescope
SMT-POS	Vertical positioning system for SMT telescope

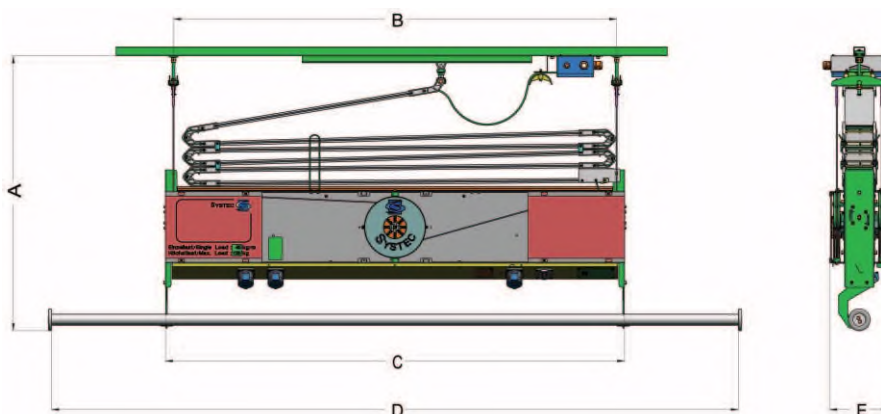


The **Teleclimber** is a selfclimbing hoist, ideal to be used in large studios with a ceiling height up to 13m. For fixation it does not need a grid, it is installed on C-tracks directly onto the studio ceiling. Three standard versions with different extension and many mechanical and electrical product options are available. This makes the Teleclimber a powerful tool for multipurpose studios.

SYSTEC Teleclimbers are lightweight but take payloads up to 140kg on a UTS load barrel with 3m standard length.

Technical Specification

Safe working load (SWL)	120/140kg
Lifting cables	ø4mm stainless steel
Load attachment	UTS barrel
Dimensions	A = 1300/1400mm B = 1930mm C = 2000mm D = 3000mm E = 260mm
Power supply	400V/50Hz - 3phase
Ambient temperature	0 - 40°C
Standards	DIN 15560-46, BGV C1



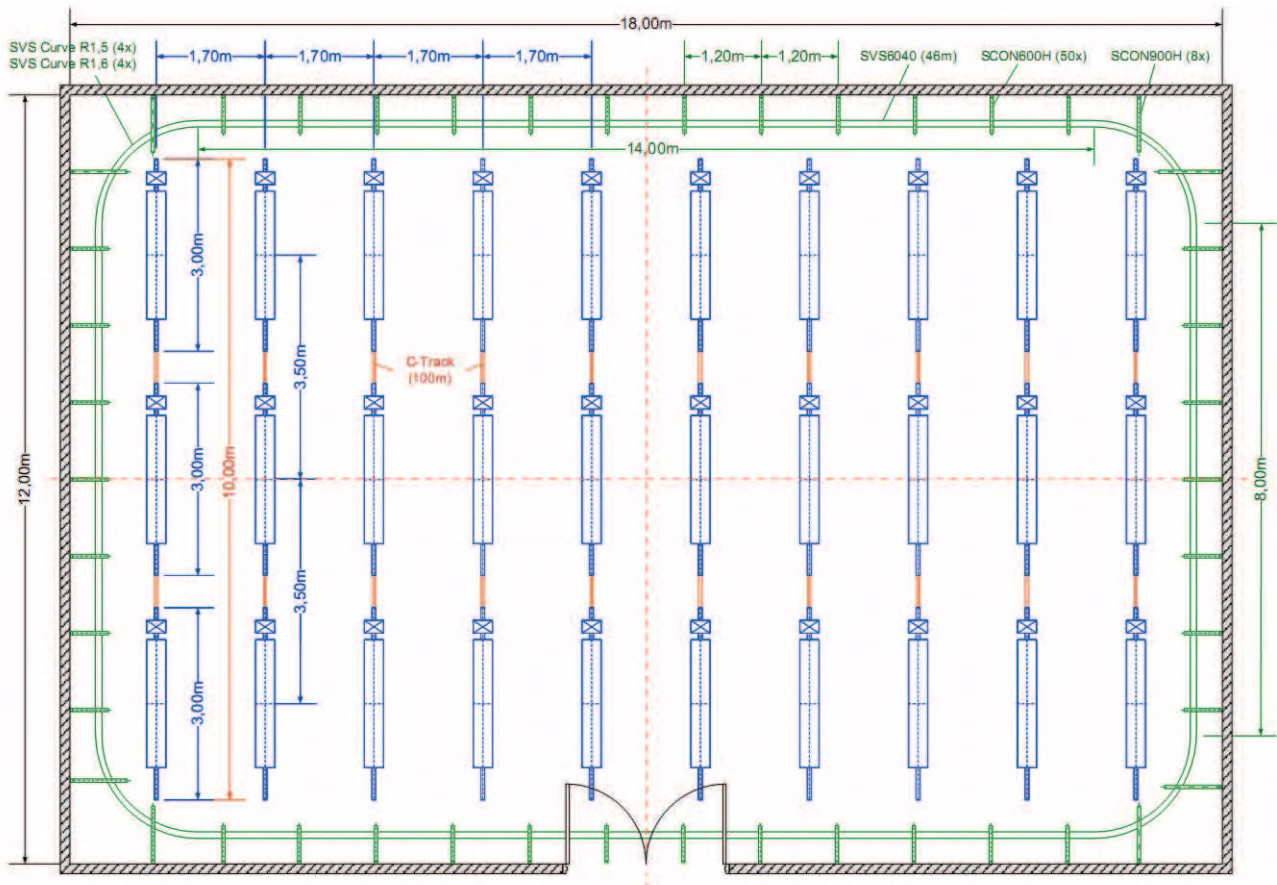
Suspension Equipment

Product Versions

Order code	Min. length	Max. length	Weight	SWL	Aver. Speed	Studio height
STC2075	1,3m	8,8m	85kg	140kg	7,7m/min	10,3m
STC2010	1,4m	11,4m	95kg	120kg	8,3m/min	13,0m

Product Options and Accessories

STC-EBD	Termination box for STC, DMX version 3x16A dimmer circuit, 1x230V-16A non-dim circuit, DMX
STC-EBDAV	Termination box for STC, DMX / Audio / Video version 3x16A dimmer circuit, 1x230V-16A non-dim circuit, DMX, audio, video
STC20-LC	Longitudinal carrier for STC20 for manual movement of Teleclimber parallel to its load barrel
STC20-TC	Transversal carrier for STC20 for manual movement of Teleclimber perpendicular to its load barrel
STC2075-B45	Load barrel 4,5m for STC2075, safe working load for this option 30kg/m
STC2010-B45	Load barrel 4,5m for STC2010, safe working load for this option 25kg/m
STC-POS	Vertical positioning system for STC
STC-S16A	230V-16A non-dim circuit for STC with Schuko socket and cabling 3 x 2,5mm ²
STC-C32A	32A dimmer circuit for STC with CEE17 socket and cabling 3 x 4,0mm ²
STC-AUDIO	Audio circuit for STC with XLR-3p socket
STC-VIDEO	Video circuit for STC with BNC socket
LTT504	Tube Trolley for UTS tubes or pipes ø38 - 52mm

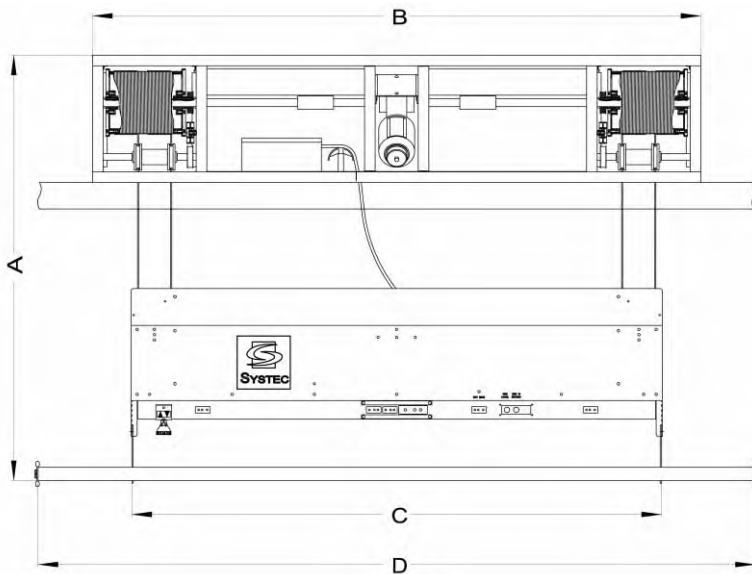


SYSTEC S.A.

Multi Purpose Studio / Teleclimber STC

Suspension Equipment

SGC Gridclimber



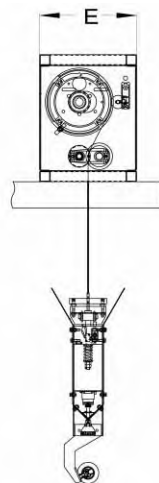
The **Gridclimber** is the best suspension solution for studio layouts with walkable grid and if barrel hoists are requested.

The driving unit is fixed on the grid and allows a comfortable service of the equipment. The linear winding drums guarantees an even movement for grids up to a height of 17m.

The SGC26 is the hanging version of the Gridclimber, equipped with two trolleys that will be installed on I-beams and allows a horizontal movement.

Technical Specification

Safe working load (SWL)	140kg
Lifting cables	ø4mm stainless steel
Load attachment	UTS barrel, 3m length
Dimensions	A = 1605mm B = 2290mm C = 2000mm D = 2700mm E = 365mm
Power supply	400V/50Hz - 3phase
Ambient temperature	0 - 40°C
Standards	DIN 15560-46, BGV C1



Product Versions

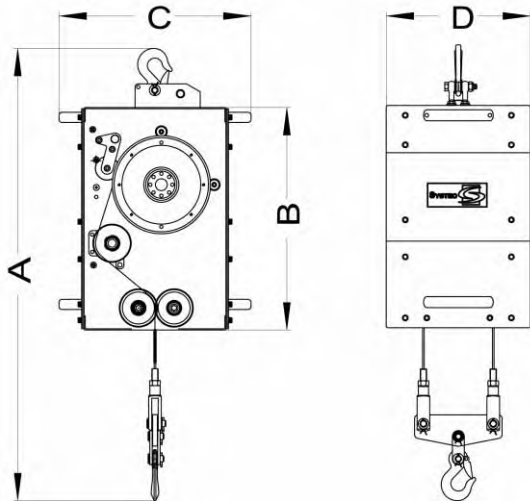
Order code	Min. length	Max. length	Weight	Cable guide	Grid height	Studio height
SGC2510	1,6m	11,5m	180kg	flat cable	12,0m	-
SGC2515	1,6m	16,5m	190kg	flat cable	17,0m	-
SGC2610	1,6m	11,5m	195kg	flip flop	-	12,0m
SGC2615	1,6m	16,5m	210kg	flip flop	-	17,0m

Product Options and Accessories

SGC-POS	Vertical positioning system for SGC
SGC-CS	Cup switch for UP / DOWN movement on barrel housing
SGC-S16A	230V-16A non-dim circuit with Schuko socket and cabling 3 x 2,5mm ²
SGC-C32A	32A circuit for SGC with CEE17 socket and cabling 3 x 4,0mm ²
SGC-AUDIO	Audio circuit for SGC with XLR-3p socket
SGC-VIDEO	Video circuit for SGC with BNC socket
LTT504	Tube Trolley for UTS tubes or pipes ø38 - 52mm

Suspension Equipment

SSH Scenery Hoist



Scenery hoists are used for lifting and holding decoration elements or aluminium truss systems on which luminaires or other equipment can be attached. The SYSTEC scenery hoist is equipped with a linear winding drum, for best results in combination with a positioning system (option).

Depending on studio layout, a grid (SSHG) or a ceiling hanging (SSHC) version are available. The ceiling hanging version is usually attached onto a motorized trolley ST moving on I-beams IPN200 or IPN300. Scenery hoists can be fully integrated in the suspension control system, if requested a load measuring unit is available (option).

Technical Specification

Safe working load (SWL)	140/200kg
Lifting cables	ø4mm galvanized steel
Top fixation	Load hook
Load attachment	Load hook
Dimensions	A = 1150mm B = 575mm C = 495mm D = 370mm
Power supply	400V/50Hz - 3phase
Ambient temperature	0 - 40°C
Standards	DIN 56950, BGV C1

Product Versions

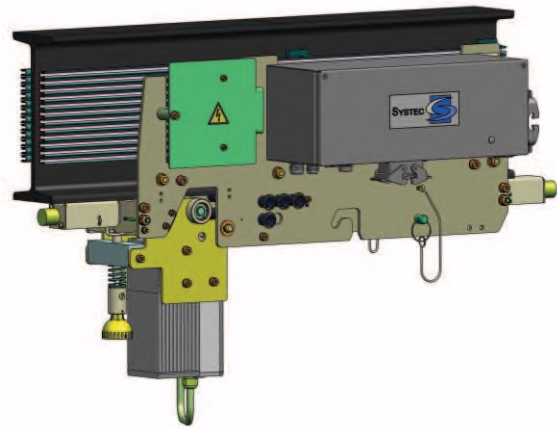
Order code	Min. length	Max. length	Weight	SWL
SSHC140	1,1m	11,1m	70kg	140kg
SSHG140	1,1m	11,1m	72kg	140kg
SSHC200	1,1m	11,1m	70kg	200kg
SSHG200	1,1m	11,1m	72kg	200kg

Product Options and Accessories

SSH-POS	Vertical positioning system for SSH
SSH-LC	Load measuring unit for SSH
SSH-EB	Termination box for SSH, standard version
SSH-LB01	Local box for SSH with ON/OFF switch, UP/DOWN switch, control lamps, contactors
SSH-RH	Upper hook, 90° rotatable
ST200	Motorized trolley ST for IPN200
ST300	Motorized trolley ST for IPN300

Suspension Equipment

ST Motorized Trolley for IPN beams



Motorized trolleys for automatized studios with fast lock hoist attachment for SYSTEC motorized pantographs or telescopes. For easy installation and service all connections between trolley and hoist are pluggable.

Two collision detectors (option) will stop the trolley movement in case an obstacle is touched.

Equipped with 6 rollers for smooth movement on I-beams IPN 200 or IPN 300. Manual movement in case of emergency operation is possible.

Technical Specification

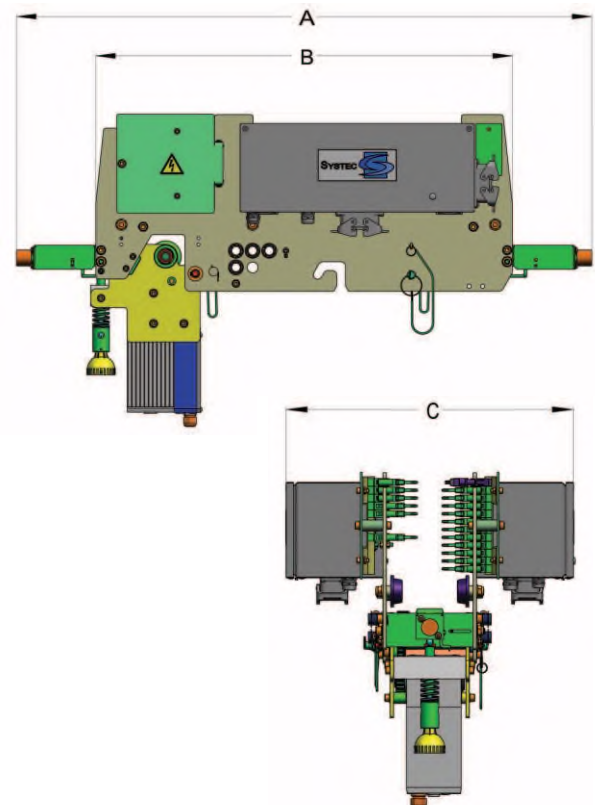
Safe working load (SWL)	200kg, standard version 600kg, chain hoist version
Hoist attachment	SYSTEC fast lock
Horizontal speed	7,2m/min
Power supply	400V/50Hz - 3phase
Dimensions	A = 1100mm B = 800mm C = 510mm
Ambient temperature	0 - 40°C
Standards	DIN 15560-46, BGV C1

Product Versions

Order code	I-beam	Pow. Collect.	Weight
ST200	IPN 200	2 x 8	45kg
ST300	IPN 300	2 x 12	47kg

Product Options and Accessories

ST-APOS	Horizontal positioning system, space for one power collector required
ST-COL	Collision detectors for motorized trolley





Drop arms are a simple suspension solution, for applications in which the height of the lighting equipment is not needed to be often changed. This applies for cyclorama luminaires, or studios with seldom changing lighting setup.

Drop arms are available in two versions:

- SDAT - telescopic drop arms with adjustable length
- SDAF - drop arms with fix length

The adjustment of the telescopic drop arms can be done very fast, by tightening only one screw.

The standardized top fixation with 28mm spigot and load attachment with 28/16mm DIN socket allows flexible operation of this equipment.

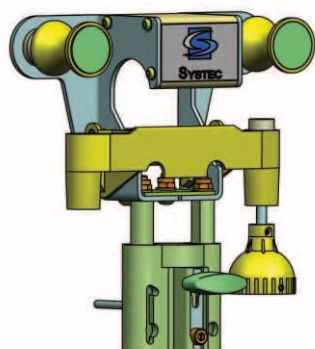
The SYSTEC drop arms are designed according actual release of DIN 15560 part 46.

Technical Specification

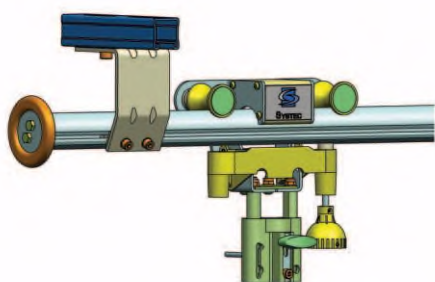
Safe working load (SWL)	40kg
Top fixation	DIN spigot 28mm
Load attachment	DIN socket 28/16mm
Ambient temperature	0 - 40°C
Standards	DIN 15560-46, BGV C1

Product Versions

Order code	A min	A max	Weight
SDAT120-01	70cm	120cm	3,5kg
SDAT180-01	100cm	180cm	5,5kg
SDAT250-01	140cm	250cm	7,5kg
SDAF050-01	50cm	50cm	2,4kg
SDAF100-01	100cm	100cm	3,6kg
SDAF150-01	150cm	150cm	4,8kg



Tube Trolley LTT504



UTS10H, UTS30



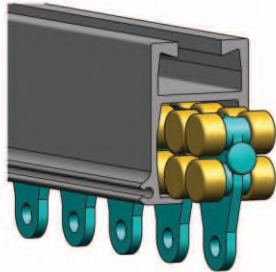
Safety Rope

UTS Tube System

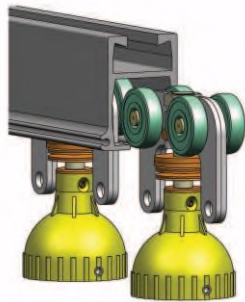
<i>Order Code</i>	<i>Description</i>
UTS60/60	UTS tube \varnothing 48mm / length 6m
UTS60/30	UTS tube \varnothing 48mm / length 3m
UTS60/20	UTS tube \varnothing 48mm / length 2m
UTS10H	UTS tube holder set on C-track
UTS11	UTS tube holder set on pipes \varnothing 48mm
UTS12	UTS tube holder set on concrete ceiling with level adjusting possibility
UTS13	UTS tube holder set on IPE120
UTS20	UTS connector set
UTS30	UTS end stopper set (2 end stoppers)
LTT504	Tube Trolley LTT504 for flexible positioning of luminaires or pantographs on standard or UTS tubes, from \varnothing 35 to 52mm, with 28mm socket and spigot and 28mm socket
LTT505	Tube Trolley LTT505 for flexible positioning of luminaires or pantographs on standard or UTS tubes, from \varnothing 35 to 52mm, with 16mm socket and spigot and 28mm socket
UTS620	UTS Crossbarrel 2m, rigid version for setting keylights between two UTS tubes, including UTS30 end stopper set and 2 clamps with 28mm socket
UTS720	UTS Crossbarrel 2m, pivotable version for setting keylights between two UTS tubes, including UTS30 end stopper set and 2 flexible attachments

Accessories

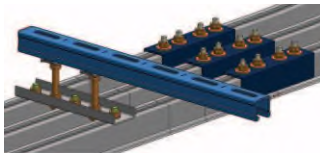
<i>Order Code</i>	<i>Description</i>
A2210-30	Safety Rope 30kg Diameter 4mm, length 100cm, according DIN 56927 Safe working load 30kg (looped), 10kg (choked)
A2210-50	Safety Rope 45kg Diameter 5mm, length 100cm, according DIN 56927 Safe working load 45kg (looped), 20kg (choked)
A2210-60	Safety Rope 60kg Diameter 6mm, length 100cm, according DIN 56927 Safe working load 60kg (looped), 30kg (choked)
M-C100	C-clamp for tubes \varnothing 20 - 55mm with 28mm socket
M-C150	C-clamp rotatable for tubes \varnothing 28 - 78mm with 16mm socket and spigot and 28mm socket



Curtain trolley CTSVS1



Curtain locomotive CTSVS2



Track holder set SVS30H
Track coupler set SVS20



Track holder set curve SVS31H

SVS Studio Curtain Track System

Order Code	Description
SVS6040/60	Aluminium curtain track, length 6m
SVS6040/30	Aluminium curtain track, length 3m
SVS6040/20	Aluminium curtain track, length 2m
SVS6040R15	Curve 90°, radius 1,5m
SVS6040R20	Curve 90°, radius 2,0m
SVS6040R30	Curve 90°, radius 3,0m (2 segments)
SVS6040R40	Curve 90°, radius 4,0m (2 segments)
SCON450H	Console set 450mm, for fixation of curtain tracks on studio wall
SCON600H	Console set 600mm, for fixation of curtain tracks on studio wall
SCON1200H	Console set 1200mm, for fixation of curtain tracks on studio wall
SVS20	Track coupler set, for seamless joining of SVS tracks
SVS21	Track coupler set for curve, to connect a straight to a curved section of SVS tracks
SVS22	End stopper, bars SVS curtain track
SVS30H	Track holder set, for fixation to ceiling subconstruction
SVS31H	Track holder set curve, for fixation of curves to ceiling subconstructio
CTSVS1	Curtain trolley with 8 wheels, 5 pcs. required per meter
CTSVS2	Locomotive with pole operated brake, for stretching and fixing curtains
LTSVS11	Pole operated trolley for SVS tracks with 28mm socket
SVSB28	Socket 28mm, for attaching luminaires onto SVS tracks

Studio curtains

Order Code	Description
SC-MB01	Curtain Molton black
SC-MG01	Curtain Molton gray
SC-NW01	Curtain Nettle white
SC-CSB01	Curtain Television CS bluebox
SC-CSG01	Curtain Television CS greenbox

Curtains are fire retardant according DIN 4102 B1 / EN 13773-c1



Manual Control System

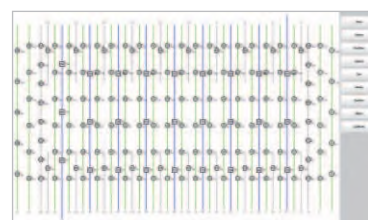
The manual control system offers the operator the possibility to control the upward and downward movement of hoists, from a central control panel equipped with push buttons for every hoist. This solution is often used for small studios or even for big studios with limited budget.



Enhanced Studio Control System

The ESC system (Enhanced Studio Control) provides you an universal, modular control system for the complete range of fixed mounted or power track mounted hoists, that complies with the relevant safety standards DIN15560-46 and the Machinery Directive 98/37/EC.

This control system allows a comfortable operation of suspension equipment and is a powerful tool for controlling large installations.



The ESC follows the directive: easy planning, easy installation, and comfortable and **safe operation**. The ESC is able to control a high number of even different type of hoists with up to three axis: vertical, horizontal, and rotation. Variable speed is available for precise positioning and smooth acceleration. This allows a cost effective grid construction and extends lifetime of hoists and equipment attached. Depending on configuration, different levels of emergency operation are provided.

Control consoles are tailored to the customers needs as wall mounted or desktop style. A big touch screen monitor shows the topographic layout of the studio and informs about any changes of the hoist status or position in real time. Robust remote controls with long standing battery operation allows a flexible setup of studio scenery and lighting equipment, and can be added as needed.



Standard control operations, group and memory functions are handled with intuitive touch screen operations from control panel or handheld remote control. Privilege levels can be assigned to different types of users, like scenery or studio lighting personnel.

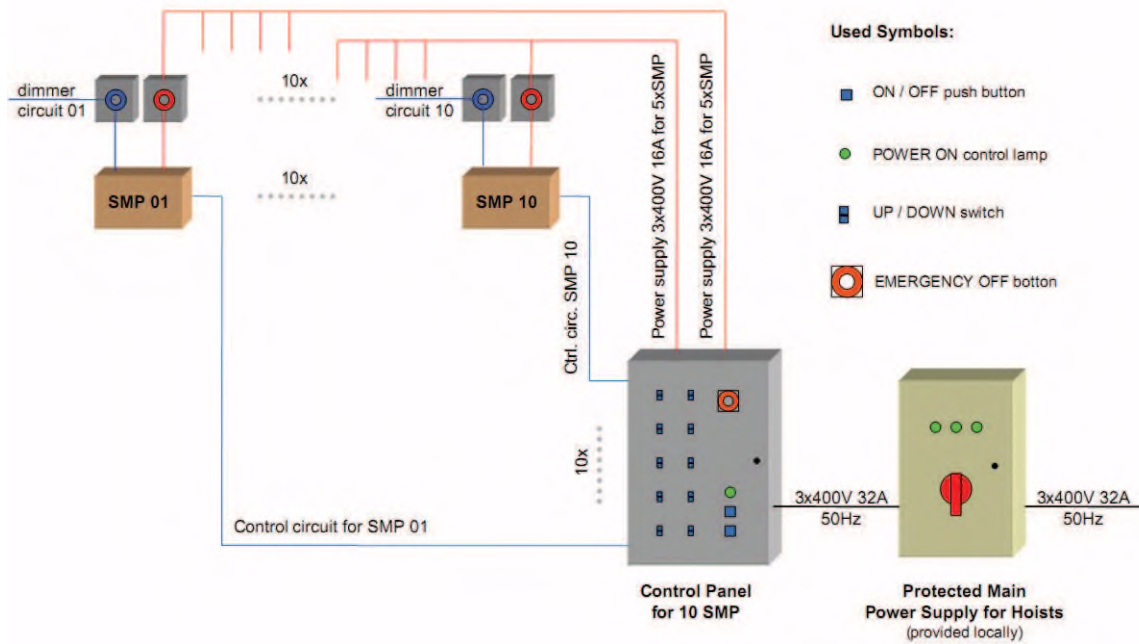
The embedded DMX feature with high update rate, significantly reduces costs for power track mounted systems.

An investment into ESC is safe, as there is a dedicated upgrade path for functions and devices.

Suspension Equipment

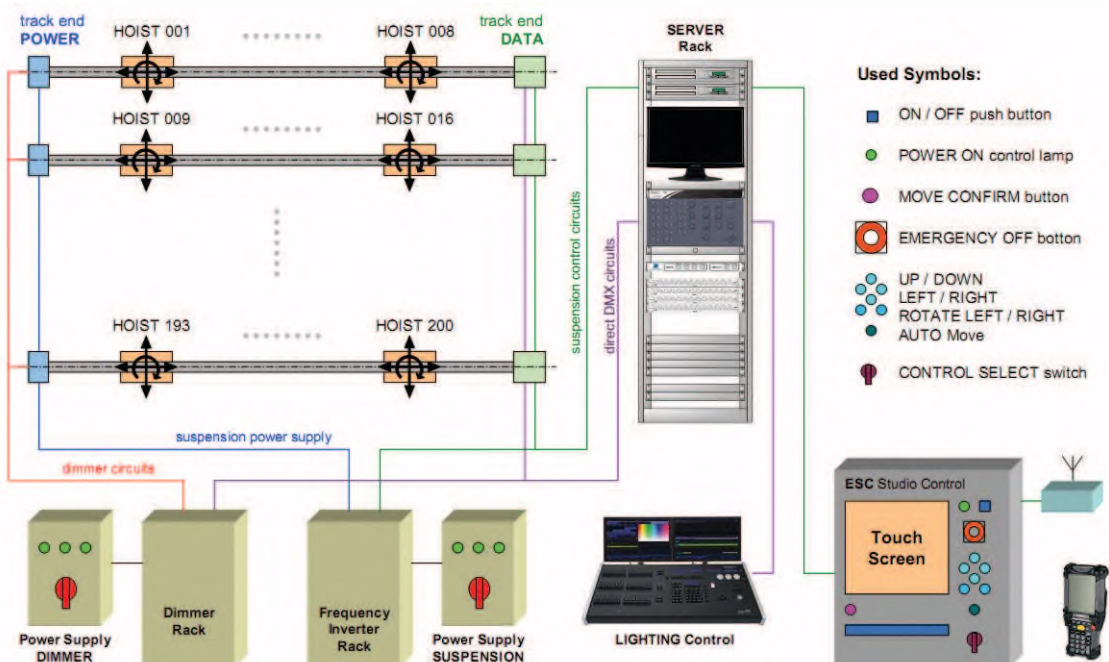
Manual Control System

10 hoists, fix installed, manual UP / DOWN movement from central control panel.



Enhanced Studio Control System

200 hoists and motorized trolleys on 25 IPN 300, touch screen operation and remote control.



1. Project Data

Marked fields must be filled in!

1.1 Customer:	Author / Date:
1.2 Distributor:	
1.3 Project time schedule	Offer until: Delivery:

2. Studio Data

2.1 Studio usage:	<input type="checkbox"/> Multi purpose	<input type="checkbox"/> TV	<input type="checkbox"/> Film	<input type="checkbox"/> News Room	<input type="checkbox"/> Interview
2.2 Studio dimensions:	in <input type="checkbox"/> m / <input type="checkbox"/> feet	width	x length	height	, to grid
2.3 Studio ceiling:	<input type="checkbox"/> steel construction	<input type="checkbox"/> concrete	<input type="checkbox"/>		
2.4 Power supply:	<input type="checkbox"/> 110 - 120V	<input type="checkbox"/> 220 - 240V	<input type="checkbox"/> 50Hz	<input type="checkbox"/> 60Hz	<input type="checkbox"/>

3. Tungsten Fresnel Luminaires

650W Studio	1kW Compact	1kW Studio	2kW Studio	5kW Studio
<input type="checkbox"/> PO <input type="checkbox"/> MO pcs	<input type="checkbox"/> PO <input type="checkbox"/> MO pcs	<input type="checkbox"/> PO <input type="checkbox"/> MO pcs	<input type="checkbox"/> PO <input type="checkbox"/> MO pcs	<input type="checkbox"/> PO <input type="checkbox"/> MO pcs

4. Fluorescent Luminaires

Topas 110W	Topas 220W	Topas 330W	Topas 440W	Topas 660W
<input type="checkbox"/> PO <input type="checkbox"/> MO pcs	<input type="checkbox"/> PO <input type="checkbox"/> MO pcs	<input type="checkbox"/> PO <input type="checkbox"/> MO pcs	<input type="checkbox"/> PO <input type="checkbox"/> MO pcs	<input type="checkbox"/> PO <input type="checkbox"/> MO pcs
<input type="checkbox"/> DMX control	<input type="checkbox"/> Local dimmer	pcs	<input type="checkbox"/> Tungsten tubes	<input type="checkbox"/> Daylight tubes

5. Cyclorama Luminaires

1250W, 1 compartment	2500W, 2 compartments	5000W, 4 compartments
<input type="checkbox"/> PO <input type="checkbox"/> MO pcs	<input type="checkbox"/> VERT <input type="checkbox"/> HORIZ pcs	<input type="checkbox"/> PO pcs

6. Lighting Control / Dimmer

6.1 Lighting control	No. channels	attribute	submaster	Brand:
6.2 Dimmer	<input type="checkbox"/> dimmer rack	<input type="checkbox"/> wall mounted	2,5kW pcs	5kW pcs

7. Curtains

Number of tracks:	<input type="checkbox"/> single track	<input type="checkbox"/> double track	<input type="checkbox"/> triple track	<input type="checkbox"/>
Curtain, dim., material:	<input type="checkbox"/>			

8. Suspension Equipment

<input type="checkbox"/> Cable Pantogr. pcs	<input type="checkbox"/> Motor. Pantogr. pcs	<input type="checkbox"/> Teleclimber pcs	<input type="checkbox"/> Gridclimber pcs		
<input type="checkbox"/> Ceiling Telesc. pcs	<input type="checkbox"/> Grid Telesc. pcs	<input type="checkbox"/> Scenery Hoist pcs	<input type="checkbox"/> Trolley ST pcs		
Options:	<input type="checkbox"/> DMX	<input type="checkbox"/> 230V	<input type="checkbox"/> Audio	<input type="checkbox"/> Video	<input type="checkbox"/>
Track System:	<input type="checkbox"/> UTS	<input type="checkbox"/> TVS	<input type="checkbox"/> I-beam	<input type="checkbox"/>	<input type="checkbox"/> with power tracks

9. Suspension Control

9.1 Manual control	<input type="checkbox"/> local box	<input type="checkbox"/> wall panel	<input type="checkbox"/> computer control
9.2 Computer control	<input type="checkbox"/> vertical positioning	<input type="checkbox"/> horizontal positioning	<input type="checkbox"/> RF remote units pcs

Additional Information



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Suspension Equipment

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