



NEXT

Stage**LIFT**

BROCHURE



NEXT StageLIFT features

Robust body

NEXT stageLIFT hoists are engineered for the entertainment industry and feature a light weight compact housing in a robust aluminium casting. The symmetrical design of the durable fiber reinforced covers for very rough handling and challenging transportation.

D8 Plus hoists

In standard finish, the motors are rated D8 plus. With a safety factor of minimum 8:1 following EN14492-2 IGVW SQ P2:2018.

Safety

All bearing components of the hoists are well protected against overload by means of a slip clutch. The hoists come with a steel chain guide plate to ensure a jam-free chain feeding.

Easy to service

All hoists are easy-to-maintain modular designed devices. All critical parts like chain guide and load wheel, electronic board, the brake and the motor, are easily accessible with standard tools. Resetting the slip clutch and inspecting the brake is simple and time-saving. The gear box is maintenance-free for the whole lifetime of the hoist.

Quality made in Germany

NEXT StageLIFT hoists are engineered in Germany by Yale. The hoists are light and compact and offer ergonomic carrying handles for a user-friendly experience.

Maintenance-free gearbox

The maintenance-free gearbox is a solid enclosure for the entire lifetime of the hoist.



NEXT StageLIFT

The StageLIFT D8 Plus electric hoist range is engineered to exceed demanding safety expectations within the entertainment industry. These hoists are available in capacities ranging from 250 to 1000 kg, featuring both direct and low-voltage control options for flexible application. The NSL StageLIFT range is meticulously developed, rated, and designed specifically for suspending loads above people. Its lightweight and compact design makes it ideal for mobile applications. All components subjected to load forces are statically engineered to withstand twice the nominal rated capacity, ensuring enhanced durability and safety. The chain hoists comply with the D8 Plus safety standard, indicating that these motors are suitable for both climbing and stationary use without requiring any modifications. They adhere to a safety factor of a minimum of 8:1, in compliance with EN14492-2, IGVW SQ P2:2018, and EN17206 standards, showcasing their reliability and safety in various operational contexts. For all 3 types of hoists, NSL2.5 / NSL5 / NSL10 chain lengths up to 50 meters are available. Even exceeding 50m chain lengths is possible, but only on request.

NEXT StageLIFTs can be controlled with stand-alone hoist controllers that connect up to 8 motor hoists. The main feature of the StageLIFT controllers is the link option. This enables easy control for a larger number of hoists, simultaneous start and stop control, and centralizes the emergency stop button on the master controller.

The ultimate entertainment hoist

Benefits

- Three body sizes for 250, 500, and 1000 kg capacity
- Supply cable 0.5 m with black CEE 400V 16A connector
- Robust, durable fiber-reinforced covers with double-set ergonomic carrying handles
- Adaptable Extensions
- Low voltage control 24 V (AC) with limit switches
- Direct control with limit switches

Adaptable extensions*

- Low voltage control 24 V (AC) with limits
- Gear start for back-up limit switches or encoders
- Direct control with limits

* no retrofit possible – has to be ordered with hoist(s)

Optional

- Chain lengths for NSL2.5/5/10 up to 50m possible
- Chain lengths exceeding 50 meter for all hoists on request
- Rain covers
- Suspension lugs



NSL2.5

The NSL2.5 is a small but powerful chain hoist, specially designed for use in the entertainment industry. It is engineered with a robust body that is fiber-reinforced for rough handling and transportation. The load capacity is 250 kg.

The essentials

- Standard D8 Plus
- Light & compact
- Maintenance free gearbox
- Quality made in Germany by Yale

Technical specifications		
Productcode	NSL2.5	
Length	385 mm	15.16 in
Width	206 mm	8.11 in
Height	133 mm	5.24 in
Height hook to hook	360 mm	14.17 in
Load capacity (D8 plus)	250 kg	551 lbs
Lifting speed at 50Hz	4 m/min	13 ft/min
Power at 50Hz	0.25 kW	0.34 hp
Chain pitch	4,0 x 12,2 mm	0.15 x 0.48 in

Optional		
<ul style="list-style-type: none"> ■ Low voltage control 24 V [AC] with limit switches ■ Direct control with limit switches 		



NSL5

The NSL5 is our medium-sized StageLIFT, specially designed for use in the entertainment industry. This hoist has a load capacity of 500 kg, and it is engineered with a robust body that is fiber-reinforced for rough handling and transportation.

The essentials

- Standard D8 Plus
- Light & compact
- Maintenance free gearbox
- Quality made in Germany by Yale

Technical specifications		
Productcode	NSL5	
Length	411 mm	16.18 in
Width	321 mm	12.68 in
Height	154 mm	6.06 in
Height hook to hook	405 mm	15.94 in
Load capacity (D8 plus)	500 kg	1.102 lbs
Lifting speed at 50Hz	4 m/min	13 ft/min
Power at 50Hz	0.33 kW	0.45 hp
Chain pitch	5.6 x 17.0 mm	0.22 x 0.67 in

Optional		
<ul style="list-style-type: none"> ■ Low voltage control 24 V [AC] with limit switches ■ Direct control with limit switches 		



D8 PLUS

NSL10

The strongest in our range is the NSL10, this NEXT StageLIFT is specially designed for heavy-duty use in the entertainment industry. It is engineered with a robust body that is fiber reinforced for rough handling and transportation. The load capacity is 1.000 kg.

All critical components such as chain guide, load wheel, electronic board, brake and motor are easily accessible for maintenance thanks to the modular design. To ensure high safety requirements, the slip clutch guarantees a safe permanent connection between the load and the brake.

The essentials

- Standard D8 Plus
- Light & compact
- Maintenance free gearbox
- Quality made in Germany by Yale

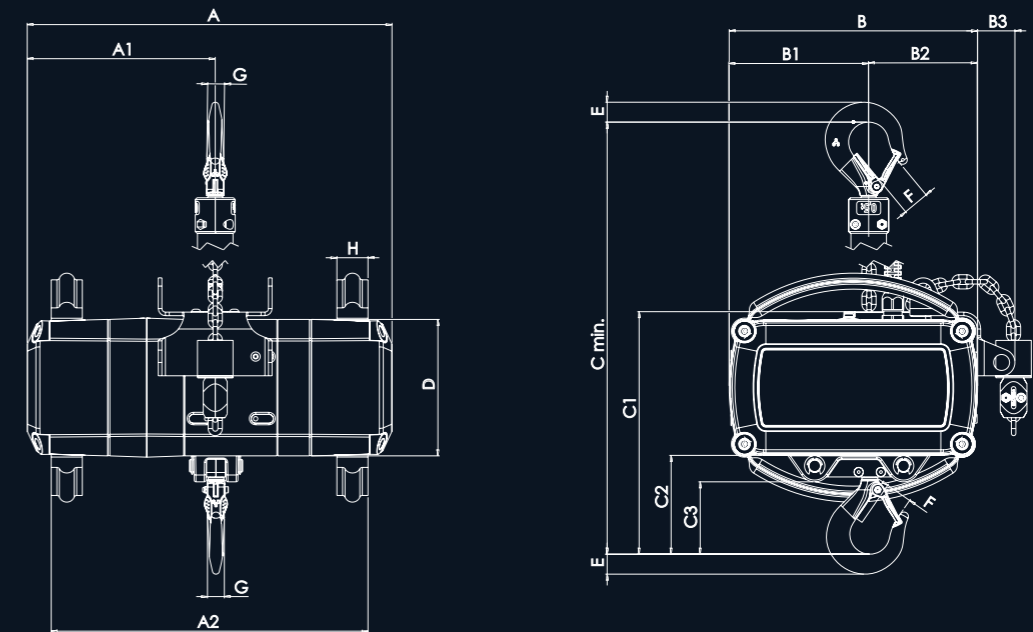
Technical specifications		
Productcode	NSL10	
Length	520 mm	20.47 in
Width	364 mm	14.33 in
Height	185 mm	7.28 in
Height hook to hook	500 mm	19.69 in
Load capacity (D8 plus)	1.000 kg	2.204 lbs
Lifting speed at 50Hz	4 m/min	13 ft/min
Power at 50Hz	0.66 kW	0.9 hp
Chain pitch	8,0 x 22,0 mm	0.31 x 0.86 in

Optional		
<ul style="list-style-type: none"> ■ Low voltage control 24 V [AC] with limit switches ■ Direct control with limit switches 		



Dimensions of NSL2.5, NSL5, NSL10

Model	A	A1	A2	B	B1	B2	B3	C min.	C1	C2	C3	D	E	E1	F	F1	G	G1	H
NSL2.5	385	215	331	206	99	107	-	400	234	92	69	133	22	17	30	25	19	15	35
NSL5	411	212	357	279	157	122	42	540	273	111	81	154	22	-	30	-	19	-	35
NSL10	520	252	458	329	188	141	35	540	344	147	99	185	29	-	35	-	21	-	35





NSL-MH10

Introducing the NSL-MH10 manual hoist: A robust and reliable choice designed to meet the demanding standards of the entertainment industry. This manual chain hoist boasts a sleek black load chain and hand chain, ensuring durability and performance. The NSL-MH10 offers exceptional value for money with a standard lifting height of 10 meters, perfect for various stage and rigging applications.

The essentials

- Excellent cost-effectiveness
- Standard lifting height 10 m
- The design is according to EN13157 and meets requirement of TUV CE and GS
- Double pawl mechanism enhances brake safety

Technical specifications

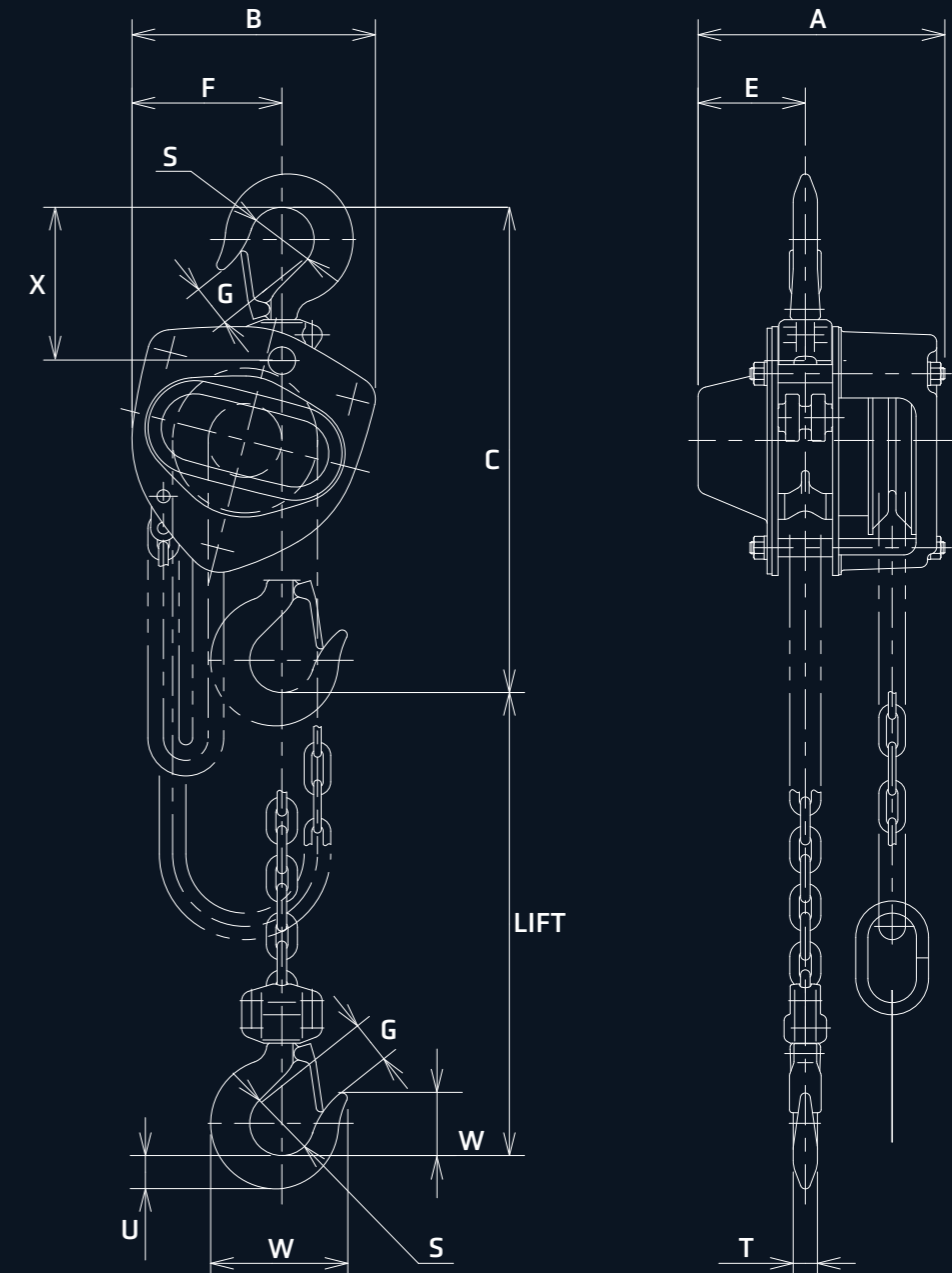
Productcode	NSL-MH10	
Length	162 mm	6.38 in
Width	161 mm	6.34 in
Height	295 mm	11.61 in
Height hook to hook		
Hand chain	9,5 m	31 ft 2 in
Load chain	10 m	32 ft
Total weight	20 kg	40.09 lbs
Load capacity	1.000 kg	2.204 lbs

Optional

- Chainbag

Dimensions of NSL-MH10

Model	A	B	C	E	F	G	S	T	U	V	W	X
NSL-MH10	162	161	295	71	99	29	425	16	21.8	93	41	101



StageLIFT Hoist controllers

The NEXT StageLIFT hoist controllers are designed to fulfill all the requirements of clients looking for cost-efficient, premium-quality hoist controllers that cover all necessary functions. The controllers are designed, engineered, and manufactured in Europe with high-quality Schneider Electric / Eaton parts. The NEXT StageLIFT hoist control series starts with a 1 or 2-channel entry level handheld model, followed by a 4-channel controller in a Peli case and an 8-channel 19" controller housed in a robust metal housing. All controllers are standalone units.

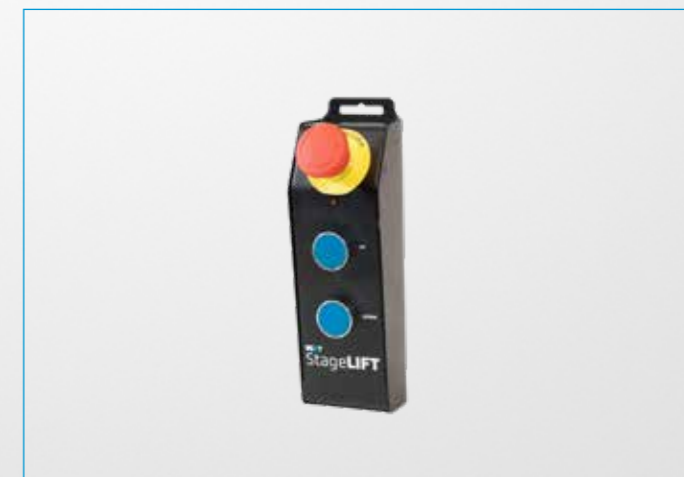


NSL-HC08 Controller



Optional
Emergency stop button with key

NSL-HC08 Details



Flexible outputs:

- 4x individual CEE16 4pole 16A outputs
- 2x 16PIN multichannel industrial rectangular connector, Harting (Han 16E)® compatible
- 2x 19PIN multichannel industrial round connector, Socapex 419® compatible
- 1x earthed 16A powerCON TRUE1 mains outlet: auxiliary output for all kinds of use.

Remote control NSL-MC:

The NSL Remote is a simple remote designed to control Up/Down and E-STOP of NSL-HC series controllers. The remote features a 10-meter long (XLR neutrik) cable with a 5-pin connector that can be easily connected to a motor controller.

- Up/Down and E-STOP buttons are synchronized with all linked controllers.
- The length of the cable can be adjusted according to client's needs.

NSL-HC08

The NSL-HC08 is a stand-alone hoist controller that connects up to 8 motor hoists. The main feature of the standard NSL-HC08 unit is the link option that allows multiple NSL-HC08 controllers to be linked in a master/slave configuration. This enables easy control for a larger number of hoists, simultaneous start and stop control, and centralizes the emergency stop button on the master controller. A hand movement detection automated blue LED strip allows easy operation in dark environments.

Technical specifications		
Productcode	NSL-HC08	
Length	430 mm	16.93 in
Width	482 mm	18.97 in
Height	184 mm	7.24 in
Weight	13,8 kg	30.42 lbs
Colour	Black	

Optional	
■	Emergency stop button with key
■	5U flight case
■	NSL-HC Remote control

The essentials

- Controls up to 8 motors in standalone operation
- fully compatible with the smaller NSL-HC04
- Extremely robust 19"/5U metal housing
- Automatic Phase Align (Up on a NSL MC08 is always up)
- Auto-enabling working light
- Manual phase inversion switch for each output
- Phase indicators to easily check if the 3 phases are available

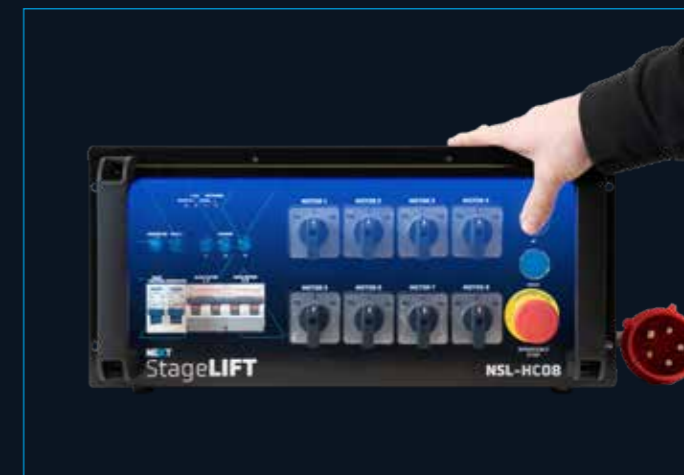
More in detail

Linking controllers

- Several units can be linked in master/slave using the link in/out on the back panel
- Easy control for a larger number of chain hoists.
- Simultaneous hoist control using the UP/DOWN buttons on the master controller.
- Centralized Emergency stop on the master controller.
- "Slave" indicator led.

Circuit breaking & power

- 2 x 16A 4pole circuit breaker protects 2 x 4 outputs, In case of emergency all 3 phases AND the neutrals are disconnected.
- Two C16 (16A - 1P+N) 2-POLE automatic circuit breakers for control circuit + auxiliary output.
- Mains input cable (3x 32A, 5wire), equipped with CEE (3P+N+E) 32A inlet plug
- CEE (3P+N+E) outlet socket (3x 32A, 5wire) for bypass



When working in a dark environment, a blue light strip will automatically turn on as soon as hands come near the controller. This way you can be sure you are using the right button when working in dark environments.

NSL-HC04 Controller



Optional
Emergency stop button with key

NSL-HC04 Details



Flexible outputs:

- 4x individual CEE16 4pole 16A outputs
- 1x 16PIN multichannel industrial rectangular connector, Harting (Han 16E)® compatible



Remote control NSL-MC:

The NSL Remote is a simple remote designed to control Up/Down and E-STOP of NSL-HC series controllers. The remote features a 10-meter long (XLR neutrik) cable with a 5-pin connector that can be easily connected to a motor controller.

- Up/Down and E-STOP buttons are synchronized with all linked controllers.
- The length of the cable can be adjusted according to client's needs.

NSL-HC04

The NSL-HC04 is a stand-alone dedicated hoist controller that connects up to 4 motor hoists. The main feature of the standard NSL-HC04 unit is the link option that allows multiple NSL-HC04 controllers to be linked in a master/slave configuration. This enables easy control for a larger number of hoists, simultaneous start and stop control, and centralizes the emergency stop button on the master controller.

The essentials

- Controls up to 4 motors in standalone operation
- Robust PVC carrying case

Technical specifications		
Productcode	NSL-HC04	
Length	360 mm	14.17 in
Width	455 mm	17.91 in
Height	175 mm	6.89 in
Weight	9 kg	19.84 lbs
Colour	Black	

Optional	
■	Emergency stop button with key
■	NSL-HC Remote control

More in detail

Linking controllers

- Several units can be linked in master/slave using the link in/out on the back panel
- Easy control for a larger number of chain hoists.
- Simultaneous hoist control using the UP/DOWN buttons on the master controller.
- Centralized Emergency stop on the master controller.

Circuit breaking & power

- 1 x 16A 4pole circuit breaker protects ALL outputs, In case of emergency all 3 phases AND the neutral are disconnected.
- 1x C16 (16A - 1P+N) 2-POLE automatic circuit breaker for control circuit
- Mains input cable (3x 32A, 5wire), equipped with CEE (3P+N+E) 32A inlet plug



NSL-HC01 & NSL-HC02 Controllers



NSL-HC01 & NSL-HC02 Phase-inverter



Phase-inverter:

Phase inverters offer an ingenious solution to change the direction of AC electric motor rotation. This functionality is crucial in various industrial applications, including hoists, where precise control over motor direction is essential. The ability to change the phase pins is straightforward and user-friendly, often achievable with a simple screwdriver or even by hand. This simplicity allows for quick adjustments and maintenance, minimizing downtime and ensuring smooth operation. The versatility of phase inverters makes them indispensable in enhancing the performance and reliability of electric chain hoist-driven equipment.

Key benefits:

- Easy to change phase pins using a simple screwdriver or even by hand, allowing for quick adjustments.
- Simplifies maintenance tasks, reducing downtime and operational interruptions.
- Improves the performance and reliability of electric hoist controllers by ensuring accurate phase adjustments.
- Provides a cost-effective method for managing motor direction without the need for complex or expensive equipment.

NSL-HC01 & NSL-HC02

The NSL-HC01 and NSL-HC02 robust and durable manual hoist controllers are designed to simplify your operations. The NSL-HC01 is perfect for single hoist control, offering a one-channel, handheld design with phase inversion functionality within the connector for reliable operation. For managing two hoists simultaneously, the NSL-HC02 provides dual-channel control, making complex lifting tasks straightforward. Both controllers ensure smooth, efficient control, combining ease of use and durability to meet your specific manual hoisting needs in any environment.

Technical specifications				
Productcode	NSL-HC01		NSL-HC02	
Length	60 mm	2.36 in	60 mm	2.36 in
Width	80 mm	3.15 in	80 mm	3.15 in
Height	180 mm	7.09 in	240 mm	9.45 in
Weight	650 g	1.43 lbs	990 g	2.18 lbs
Colour	Yellow		Yellow	

The essentials

- IP65
- CEE 16A connectors with phase inversion
- Rugged polypropylene
- Shock resistant

More in detail

NSL-HC01

The NSL-HC01 manual hoist controller is the most effective solution for controlling a single hoist. This user-friendly device features a robust and durable housing, ensuring long-lasting performance. As a one-channel, handheld hoist controller, the NSL-HC01 offers unparalleled ease of use. It is equipped with phase inversion functionality right in the connector, providing reliable operation and enhanced control. Ideal for straightforward lifting operations, the NSL-HC01 combines efficiency and simplicity to meet your specific hoisting needs.

NSL-HC02

Explore the capabilities of the NSL-HC02 Hand Controller: Engineered for managing two hoists simultaneously. This dual-channel, handheld hoist controller not only simplifies complex lifting tasks but also incorporates a durable design to withstand rigorous use. Equipped with phase inversion functionality within the connector, the NSL-HC02 ensures smooth and efficient control over your hoisting operations. Perfect for multitasking in dynamic environments, this controller is the go-to choice for enhanced functionality and reliability in dual-hoist management.



StageLIFT Towerlift

Introducing our latest addition, the StageLIFT Towerlifts, designed for unparalleled reliability and safety. Built with the same robust quality as our renowned electric and manual hoists and hoist controllers, these towerlifts stand out for their innovative engineering and durable construction. Equipped with high-quality VMB parts, they are ideal for a variety of lifting applications, providing a secure and efficient solution for your heavy lifting needs.

XT500 meets all the essential protection requirements specified by the directives:

2006/42/EC	Of the European Parliament and the Council of 17 May 2003 on machinery, and amending Directive 95/16/EC.
UNE-EN ISO 12100:2012	Safety of machinery – General principles for design – Risk assessment and risk reduction (ISO12100:2010).
UNE-EN 1090-3:2019	Execution of steel structures and aluminum structures – Part 3: Technical requirements for aluminum structures.
2001/95/EC	Of the European Parliament and of the Council of December 3rd 2001 on general product safety.
UNE-EN 1990:2019	Eurocode: Basis of structural design.
UNE-EN 1991-1-1:2019	Eurocode 1: Actions on structures.
UNE-EN 1993-1-3:2012	Eurocode 3: Design of steel structures.
UNE-EN 1999-1-1:2007/A2:2013	Eurocode 9: Design of aluminium structures.



NSL-XT500

The NSL-XT500 tower lift has been designed for lifting line array audio systems from the ground and keeping them fixed at high altitudes. Two special aluminum struts can be mounted from the legs to the aluminum base section to stabilize the body of the lifter. This rigid lifting tower is very compact and easy to handle, thanks to its 4 swivel Tente wheels at the base. Thanks to its folded height of 1.87 meters, it passes smoothly through a standard door without the need for tilting. Rugged spindles in the legs help to level and stabilize the lifter on difficult terrains. Two adjustable steel load forks can either be mounted on top or hung underneath the lifting part. The NSL-XT500 features ALS Red locks, which automatically block each section while lifting, and it has the inertial pendulum ILS safety system for the aluminum lifting carriage. The special SRS Retentor system, patented by VMB, guarantees that the tower lift will raise the aluminum sections orderly and automatically.

Technical specifications

Productcode	NSL-XT500	
Max. height	7 m	22 ft 11 in
Max. load	500 kg	1.102.31 lbs
Safety	ALS Auto-lock	
Total weight	190 kg	418.88 lbs
Colour	White and black	
Folded height	1,87 m	6 ft 1 in

The essentials

- Available in Black or White finish with epoxy powder paint, which offers great resistance
- Extreme rigid and safe build quality
- Array forks included
- ALS Auto lock



StageLIFT accessories

The StageLIFT series has a couple of accessories available, such as remote control, raincover & chain bags

Remote controller

NSL-HC REMO

Introducing the Remote Controller for the HC04 and HC08 Hoist Controllers:
 This accessory enhances your control by offering the flexibility to move away from the controller and observe the chain hoist operation up close. Featuring a 10-meter long XLR Neutrik cable (5-pin), this remote ensures reliable connectivity and extensive reach, allowing you to monitor and manage hoist activities from a distance. Ideal for ensuring precise and safe hoist operations, this remote controller is an essential tool for efficient and effective hoisting management.



Suspension lug

NSL2.5, NSL5 & NSL10

For fixed use of electric chain hoists this kind of suspension is highly useful.



Flight cases

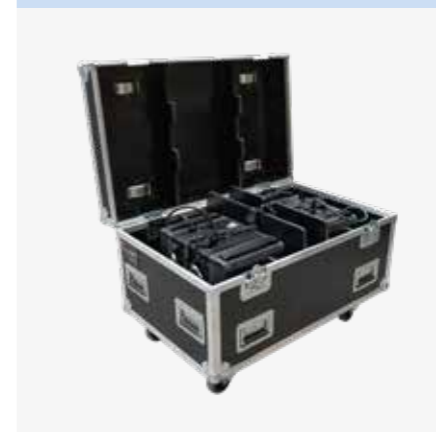
NSL-HC08

Discover the Flight Cases for the NEXT StageLIFT hoists: These rigid cases are the ultimate solution for transporting and storing your equipment, ensuring it remains protected from rain, dirt, dust, and the rigors of travel. Crafted with precision at the AED Cases department in Belgium, each case is built to high standards of quality. This heavy duty flight case allow for effortless transport. Choose the perfect case to keep your NEXT StageLIFTS secure and covered, wherever they go.



NSL2.5

For the NSL2.5, we provide a standard double flight case that accommodates two chain hoists. Crafted with precision at the AED Cases department in Belgium, each case is built to high standards of quality. Featuring Tente blue wheels, these flight cases allow for effortless transport.



NSL5 & NSL10

The NSL5 is available in both single and double case versions, while the NSL10 is offered with a standard single case. Choose the perfect case to keep your NEXT StageLIFTS secure and covered, wherever they go.



StageLIFT Accessories

StageLift accessories are quality build products that will allow you to operate your Stagelift products even better. Handheld remote controls, flight cases, extra-large chain bags or rain covers. Everything to get your lifting job done in the best possible way.



Chainbags

NSL-MH10 Standard

Standard chain bag for NSL-MH10 up to 10 m chain



NSL2.5 Standard

Standard chain bag for NSL2.5 up to 20 m chain



NSL2.5 XXL

XXL chain bag for NSL2.5 up to 40 m chain



NSL5 Standard

Standard chain bag for NSL5 up to 20 m chain



NSL10 Standard

Standard chain bag for NSL10 up to 20 m chain



NSL10 XL

XL chain bag for NSL5 up to 36 m chain



NSL10 XXL

XXL chain bag for NSL10 up to 60 m chain



Raincovers

NSL2.5

Rain cover for NSL2.5



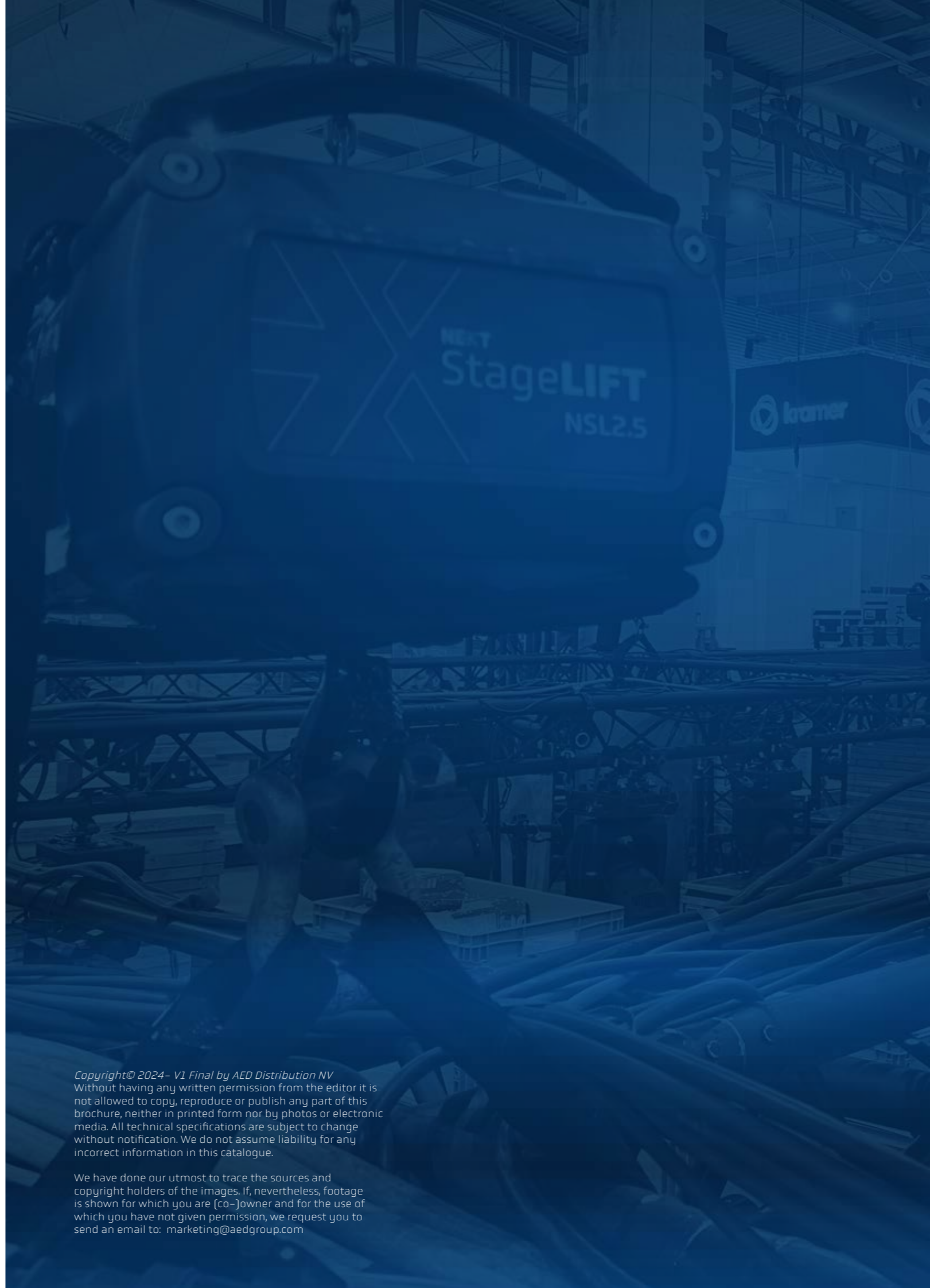
NSL5

Rain cover for NSL5



NSL10

Rain cover for NSL10



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