

NEXT™ Truss

NEXT

StageLIFT

BROCHURE



Introducing

NEXT StageLIFT

The StageLIFT D8plus range of NEXT is designed to meet more demanding expectations for higher safety in the entertainment industry. The hoists (motors) are available as D8 plus hoists in capacities from 250 – 1000 kg, with both direct and low voltage control.

The NSL StageLIFT is an electric chain hoist which is specifically developed, rated and designed for holding loads above people. It is light and compact in design and thus perfectly suited for mobile use. All components which are in the flow of forces are statically dimensioned for the double of the nominal rated capacity. D8 Plus motors are suitable for climbing and stationary hoists without any modifications. safety factor of minimum 8:1 in accordance with EN14492-2, IGWV SQP2:2018 and EN17206.



NEXT StageLIFT introduction

ROBUST BODY

NEXT stageLIFT hoists are engineered for the entertainment industry and feature a Lightweight Compact housing in robust aluminum casting with durable fiber-reinforced covers for very rough handling and challenging transportation. NEXT offers 3 body sizes to cover the D8 plus capacities of 250, 500, and 1000 kg.

D8 AND D8 PLUS HOISTS

In the standard finish, the motors are rated D8 plus. With a safety factor of a minimum 8:1 following EN14492-2, IGWV SQP2:2018, and EN17206. However, they can be delivered as conventional D8 hoists featuring single brake. Both motors are suitable for climbing and stationary hoists without any modifications.

SAFETY

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

EASY TO SERVICE

All hoists are easy-to-maintain modular designed devices. Critical parts like the chain guide and load wheel, electronic board, brake, and motor, are easily accessible with standard tools. Resetting the slip clutch and inspecting the brake is simple and time-saving.

SLIP CLUTCH

The slip clutch is designed to guarantee a safe permanent connection between the load and the brake to meet higher safety requirements. Slip clutch setting screw is on the motor flange for an easy adjustment

EXTENDED LIFETIME

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

Meet the new entertainment hoist

BENEFITS & FEATURES

- Inverted application/ Standard or Self Climbing Suspension
- Swivel Body and Chain Hook, Eyebolt suspension optional
- Three body sizes for 250, 500 and, 1000 kg capacity
- Direct control as standard (optional low voltage control 24 V AC)
- Supply cable 0.5 m with red CEE 400 V 16A 4-pin plug
- Overload protection (safe: friction torque clutch outside the load force flow)
- 90% reduction of locking chains by usage of specially designed disentangle plate
- Black phosphated load chain, grade 80 steel. DAT according to DIN EN 818-7
- Robust durable fiber reinforced covers with double set ergonomic carry handles

ADAPTABLE EXTENSIONS*

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

**only possible in production*

OPTIONAL*

- Direct control with limits
- Rain covers



NSL2.5

The NSL2.5 is a small but yet powerful StageLIFT, the NEXT StageLIFT is specially designed for use in the entertainment industry. It is engineered with a robust body that is fiber reinforced for rough handling an transportation. The load capacity is 250 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 | NSL2.5 | 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 50 Hz | 0.25 kW | 0.34 hp |
| Chain pitch | 4,0 x 12,2 mm | 0.15 x 0.48 in |
| Current at full load 230V, 50Hz | 1,30 A | 1.30 A |
| Current at full load 400V, 50 Hz | 0,75 A | 0.75 A |
| Weight without chain (body) | 17 kg | 37.5 lbs |
| Chain weight | 0,35 kg/m | 0.23 lb/ft |

Optional

- Low voltage control 24V (AC) with limits
- Direct control with limits



NSL5

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

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 | 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 50 Hz | 0.33 kW | 0.45 hp |
| Chain pitch | 5.6 x 17.0 mm | 0.22 x 0.67 in |
| Current at full load 230V, 50Hz | 1.50 A | 1.50 A |
| Current at full load 400V, 50 Hz | 0.87 A | 0.87 A |
| Weight without chain (body) | 28 kg | 61.7 lbs |
| Chain weight | 0,69 kg/m | 0.46 lb/ft |

Optional

- Low voltage control 24V (AC) with limits
- Direct control with limits



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

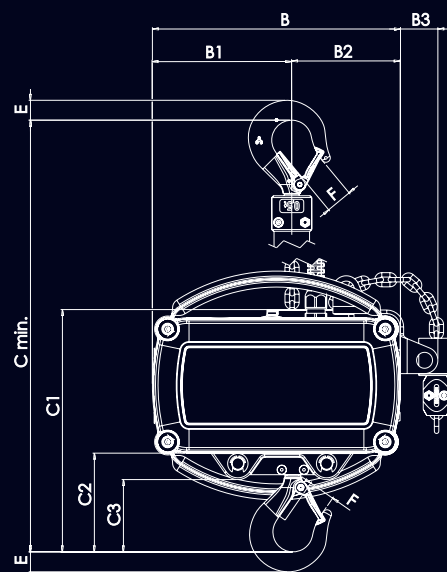
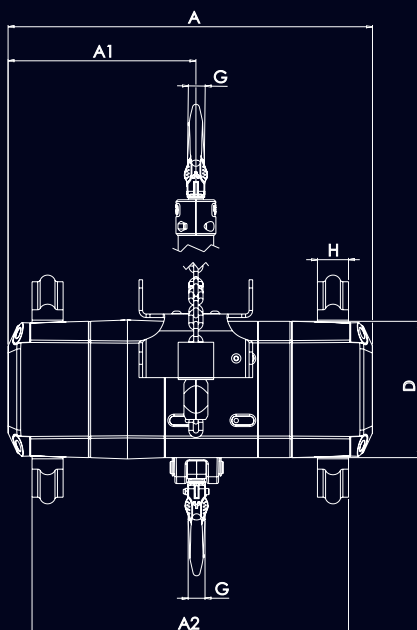
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|----------------------------------|---------------|----------------|
| Productcode | NSL10 | |
| Length | 520 mm | 20.47 in |
| Width | 364 mm | 14.33 in |
| Height | 185 mm | 7.28 in |
| Height hook to hook | 500 mm | 19.69 in |
| Load capacity (D8 plus) | 1.000 kg | 2.204 lbs |
| Lifting speed at 50Hz | 4 m/min | 13 ft/min |
| Power at 50 Hz | 0.66 kW | 0.9 hp |
| Chain pitch | 8,0 x 22.0 mm | 0.31 x 0.86 in |
| Current at full load 230V, 50Hz | 2,90 A | 2,90 A |
| Current at full load 400V, 50 Hz | 1,70 A | 1,70 A |
| Weight without chain (body) | 47 kg | 103.6 lbs |
| Chain weight | 1,44 kg/m | 0.97 lb/ft |

Optional

- Low voltage control 24V (AC) with limits
- Direct control with limits

Dimensions of the models

| 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 |





NEXT Truss

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