# STAGEMAKER SL

## + innovation

PERFECT PUSH



> New “Perfect Push MKII”, patented concept, 5 pocket load wheel. This innovation provides improved chain guiding and chain flow, to help reduce the risk of chain jamming.

new

**IP66**
available soon

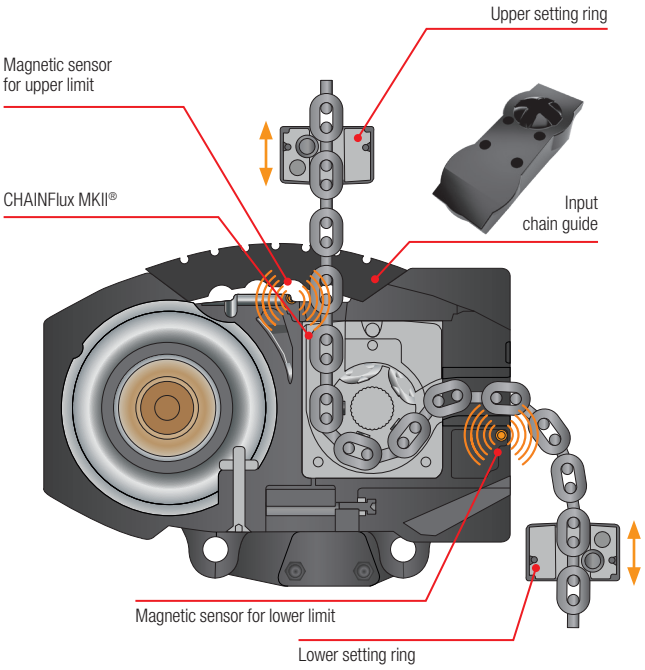
**D8+**
as standard
SPQ2

## + safety

> Stagemaker SL & SR is **D8+ as standard** (SPQ2) and D8 by removing one brake.
> **Double lifting brake as standard** for more safety.
> **IP66 protection as standard** for the entire hoist.
> Clutch concept. The clutch position in the reducer ensures the load is held by the brake regardless of the machine’s daily operating conditions.
> Magnetic limit switch as standard on all SL5 and SL10 (version B) with standard Limitflux.
> **G100 Black electro galvanized lifting chain as standard** manufactured specifically for Stagemaker.
> All hoist motor as integral thermal protection to prevent overheating (version B).

### Optional equipment

> Single brake.
> Pushbutton controller.
> 4, 8, 12,... channels controllers.
> Low voltage control (48 V) version B.
> Large range of flight cases.
> Non rotating hook.
> Suspension bracket instead of upper hook.
> Industrial chain guide.
> Encoder.
> Load measuring system.
> Rain cover protection.

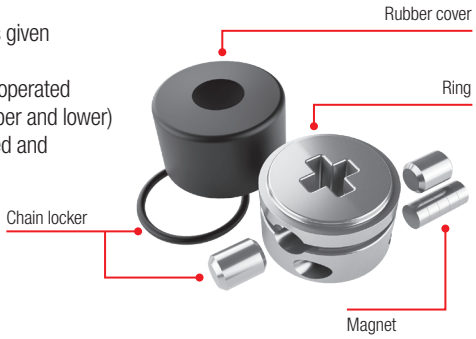



## CHAINFLUX®

> Design provides a horizontal flow of the chain as it comes off the load wheel.
This design, along with the high strength aluminum construction, allows for a more fluid flow of the chain into the chain bag and helps to reduce the risk of chain jamming.
Drain in housing to avoid water collection in load wheel compartment.

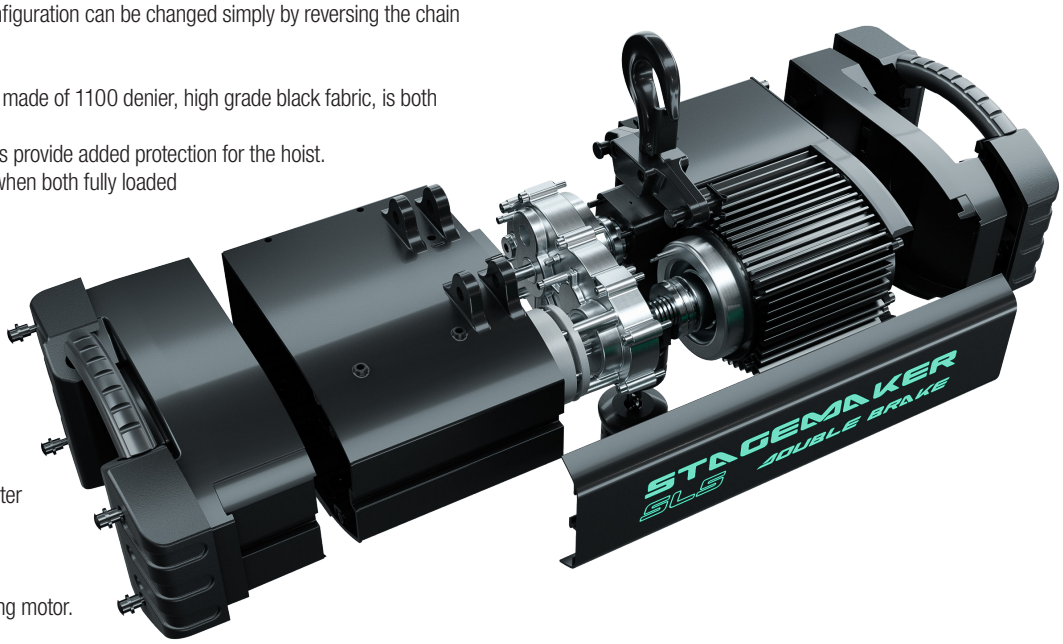
## LIMITFLUX®

> The Limitflux is a built-in limit switch device in the CHAINFlux MKIII that's allow to control setting of hoist or hook position in industrial suspension or climbing configuration.
> Accuracy of the system is given at one link of lifting chain.
> The setting of the limit is operated by two magnetic ring (upper and lower) which can be easily moved and set along the lifting chain.




# + operating convenience

> Operating sound level down to 60 db (test certificate available).
> Climbing hoist or industrial suspension configuration can be changed simply by reversing the chain container.
> Rotating upper and lower hooks.
> High capacity and high strength chain bag made of 1100 denier, high grade black fabric, is both removable and reversible.
> Rubber buffers located on the hoist corners provide added protection for the hoist.
> Motor design provides consistent speeds when both fully loaded or unloaded.
> Electrical components designed for "plug and play" connectivity.




# + savings

Maintenance operations are now simpler, faster and more economical:
> Easy access to the torque limiter.
> Easy access to safety fuses.
> New concept of easily dismountable hoisting motor.
> Easy visual access to the brake for control.

# + improved ergonomics

> Due to oval shape the chain can't be stock on top of the motor, this reduce the risk of chain jamming. The design with its flowing and refined lines draws attention to its robustness and on-board technology and gives a strong impression of integral safety. The new streamlining provides STAGEMAKER SR and SL better integration in its operating environment (lighting, loudspeakers, etc.).
> Hoist meets ecology regulations and is RohS compliant.
> The hoist body is powder coated with black (RAL 7021), protective 70 µm epoxy paint, allowing it to perform under the most extreme conditions (-10 C° to +40 C°).

> Lifting hook has an ergonomic, rubber clad, gripping surface.
> New ergonomic concept for the retractable, rubber clad handgrips, allow an easy transportation of the hoist (SL5 and SL10 as standard, SR1 as option).
> Black CE P17 plug for better integration.

## Range

### SR1

D8 up to **320** kg
(500 kg on 2 falls)

D8+ up to **250** kg

### SL5

D8 up to **500** kg

D8+ up to **500** kg

### SL10

D8 up to **1000** kg
(2000 kg on 2 falls)

D8+ up to **1000** kg

### SR25

D8 up to **2500** kg
(5000 kg on 2 falls)

D8+ up to **1250** kg
(2500 kg on 2 falls)

## Operating configurations

### CLIMBING HOIST CONFIGURATION

### INDUSTRIAL SUSPENSION HOIST CONFIGURATION

## Types of control and technical characteristics*

| Features / Versions | Version A : motor 3 phases with direct control | Version B : motor 3 phases with low voltage control |
|---|---|---|
| 3 phase hoists (400 V/415 V/3 Ph/50 Hz) with direct voltage control (ACF board) | ● | ▲ |
| 3 phase hoists (400 V/415 V/3 Ph/50 Hz) with low voltage control (48V) | ▲ | ● |
| BGV-D8+ version | ● | ● |
| BGV-D8 version | ❍ | ❍ |
| Complies with standards : CE, CSA, EAC, EN 17206 | ● | ● |
| IP 66 (soon available) | ▲ | ▲ |
| Easy changeover for using motor in climbing hoist configuration or industrial suspension | ● | ● |
| Hoist delivered with G100 black electro galvanized chain (except SR25) | ● | ● |
| "CHAINFlux MKII" specially designed chain guide | ● | ● |
| "Limitflux" : magnetic limit switch (SL5 and SL10 1 fall) | ▲ | ● |
| Electric limit switch on SR1,SL10 (2 falls) and 25 | ▲ | ● |
| Gear limit switches 2 steps | ▲ | ❍ |
| Gear limit switches 4 steps | ▲ | ❍ |
| "PerfectPush" : new load wheel with 5 pockets and 5 intermediate guide teeth | ● | ● |
| Class F hoisting motor | ● | ● |
| Adjustable torque limiter | ● | ● |
| 2 brakes | ● | ● |
| 1 brake | ❍ | ❍ |
| Self adjusting, maintenance free, DC disk brake | ● | ● |
| Available power supply : 400-415 V/3 Ph/50 Hz | ● | ● |
| Available power supply : 400-415 V/3 Ph/60 Hz | ❍ | ❍ |
| Available power supply : 230 V/3 Ph/50 Hz | ❍ | ❍ |
| Black painted hoist body (RAL 7021) | ● | ● |
| Rotating upper and lower hooks | ● | ● |
| Upper hook fixed and lower hook rotating (industrial suspension configuration) | ❍ | ❍ |
| Suspension bracket instead of upper hook (SL5 & 10) | ❍ | ❍ |
| Retractable, rubber clad ergonomic handgrips (except SR1 in option and not available on SR25) | ● | ● |
| Lifting hook has an ergonomic, rubber clad, gripping surface | ● | ● |
| High capacity, reversible chain bag | ● | ● |
| Standards connection cable : CE plug P17 type, 4 poles 16A (red : power supply/control) | ● | ▲ |
| CE plug P17 type, 4 poles 16A (red : power supply and yellow : control) | ▲ | ● |

● Standard ❍ Option ▲ Not available

## Specifications

| Load capacity (kg) | D8+ Models (Standard version) 2 brakes | D8 Models (Optional version) 1 brake | Speed 50Hz (m/mn) | Number of falls | Chain size (mm) | Motor power (kW) | Weight of hoist: - without chain -with 2 brakes | Weight of chain per meter (kg)[2] |
|---|---|---|---|---|---|---|---|---|
| 125 | SR1 124 m1 | SR1 124 m1 | 4 | 1 | 4 x 11 | 0,2 | 10,4 | 0,37 |
| 160 | SR1 164 m1 | SR1 164 m1 | 4 | 1 | 4 x 11 | 0,2 | 10,4 | 0,37 |
| 200 | SR1 204 m1 | SR1 204 m1 | 4 | 1 | 4 x 11 | 0,2 | 10,4 | 0,37 |
| 250 | SR1 254 m1 | SR1 254 m1 | 4 | 1 | 4 x 11 | 0,2 | 10,4 | 0,37 |
| | SR1 252 m1 | SR1 252 m1 | 2 | 2 [1] | 4 x 11 | 0,2 | 10,4 | 0,37 |
| | SL5 258 m2 | SL5 258 m2 | 8 | 1 | 5,1 x 15,1 | 0,73 | 30,8 | 0,62 |
| | | SL5 2516 m2 | 16 | 1 | 5,1 x 15,1 | 0,73 | 30,8 | 0,62 |
| | SL5 2516 m1 | | 16 | 1 | 5,1 x 15,1 | 0,73 | 30,8 | 0,62 |
| 320 | | SR1 324 m1 | 4 | 1 | 4 x 11 | 0,2 | 10,4 | 0,37 |
| 500 | | SR1 502 m1 | 2 | 2 [1] | 4 x 11 | 0,2 | 10,4 | 0,37 |
| | SL5 504 m1 | SL5 504 m1 | 4 | 1 | 5,1 x 15,1 | 0,73 | 30,8 | 0,62 |
| | | SL5 508 m1 | 8 | 1 | 5,1 x 15,1 | 0,73 | 30,8 | 0,62 |
| | SL10 508 m1 | | 8 | 1 | 7,2 x 21,1 | 1,8 | 47,6 | 1,2 |
| | | SL5 516 m1 | 16 | 1 | 5,1 x 15,1 | 0,73 | 30,8 | 0,62 |
| | | SL10 516 m1 | 16 | 1 | 7,2 x 21,1 | 1,8 | 47,6 | 1,2 |
| 800 | SL10 808 m1 | | 4 | 2 | 7,2 x 21,1 | 1,8 | 47,6 | 1,2 |
| 1000 | SL10 1004 m2 | SL10 1004 m2 | 4 | 1 | 7,2 x 21,1 | 1,8 | 47,6 | 1,2 |
| | | SL10 1008 m1 | 8 | 1 | 7,2 x 21,1 | 1,8 | 47,6 | 1,2 |
| 1250 | SR25 1204 m2 | SR25 1204 m2 | 4 | 1 | 11,3 x 31 | 3,6 | 114,3 | 2,81 |
| | SR25 1208 m2 | SR25 1208 m2 | 8 | 1 | 11,3 x 31 | 3,6 | 114,3 | 2,81 |
| 1600 | SL10 1604 m1 | SL10 1604 m1 | 4 | 1 | 11,3 x 31 | 1,8 | 47,6 | 1,2 |
| 2000 | | SL10 2004 m1 | 4 | 2 | 7,2 x 21,1 | 1,8 | 47,6 | 1,2 |
| 2500 | | SR25 2504 m1 | 4 | 1 | 11,3 x 31 | 3,6 | 114,3 | 2,81 |
| | SR25 2504 m1 | | 4 | 2 | 11,3 x 31 | 3,6 | 114,3 | 2,81 |
| | | SR25 2508 m1 | 8 | 1 | 11,3 x 31 | 3,6 | 114,3 | 2,81 |
| 5000 | | SR25 5004 m1 | 4 | 2 | 11,3 x 31 | 3,6 | 114,3 | 2,81 |

(1) Maximum height of lift : 15m
(2) Multiply value by 2 for 2 falls unit