

STAGEMAKER SR: New generation of VERLINDE electric chain hoists for the entertainment industry.

Boasting an entirely new ergonomic design, STAGEMAKER SR is the only model available on the market fitted with double lifting brake, retractable handgrips and protective rubber pads. STAGEMAKER SR fits in well with all types of installation offering best-in-class safety and productivity.



STAGEMAKER SR5 Version A (Direct voltage control)

STAGEMAKER SR is marketed in two models, SR2 for loads of up to 250kg, and SR5 for loads of up to 500kg, each available with hoist speeds of 4m/min, 8m/min or 16m/min. The two models are marketed in versions A and B. The version A refers to motors with direct voltage control for rental and general rigging purposes. The version B refers to motors with low voltage control for fixed installations. Its new ergonomic design, black in colour, enables it to fit in well with its environment especially with grid lighting systems. Its handgrips prevent any risk of injury during assembly while offering optimum compactness when retracted. Protective rubber pads also offer shock protection during handling.

Keeping to the VERLINDE STAGEMAKER tradition, STAGEMAKER SR is fitted with the best possible safety features. As standard delivery the new STAGEMAKER SR model is equipped with double lifting brake, in order to render this unit directly compatible with D8 and D8+ (with new setting of the torque limiter to divide by 2 nominal capacity), this lifting unit will also become the first and alone product on the market with such safety level. The standard version is fitted with a new hoist load wheel concept with intermediate teeth for the drive chain, a Start/Stop palm button on the control box, a torque limiter, a hoist disc brake, low control voltage (48V), a variable speed travel motor and an electric safety limit switch for high and low positions. With the new torque limiter, the positioning of the clutch system in the gear box ensures the load is securely held by the brake whatever the operating conditions of the equipment. Fitted with an

electric stop function as standard equipment on the version B, the safety of maximum upper and lower positioning of the hook is ensured by these electric limit switches and the switches themselves activated in turn by two rope slack stops.

Lubricated for life to reduce maintenance, the gear reducer was designed for very long durations of operation of up to 3200 hours. Maintenance operations are now simpler, faster and more economical: easy access to brake adjustments, torque limiter settings, fuses, etc. High precision machining on the gear trains, moreover, ensures a very low noise pollution level of only 70dBA. The clutch system is easy of access for occasional maintenance operations and its location in the gear box ensures the load is securely held by the brake whatever the operating conditions of the equipment.



Double brake as standard, an unique configuration on Entertainment industry market. Lubricated for life to reduce maintenance, the gear reducer was designed for very long durations of operation of up to 3200 hours.

The recently patented « Perfect Push ® », 5-pocket hoist load wheel concept has 5 intermediate teeth for absolute grip of the hoisting chain providing a better chain guide and reducing the polygon effect. The "CHAINFlux MKII" high strength aluminium guide system also ensures fluid movement of chain on horizontal output from the hoist load wheel facilitating passage of the chain on ejection. The system prevents the "polygon effect" due to twisting of the chain and

optimizes chain input to the chain bucket. The safety of maximum upper and lower positions of the hook is moreover ensured by electric limit switches located under the chain guide system. The switches are activated in turn by the upper cone of the hoist hook and the slack rope stop.



« Perfect Push ® », 5-pocket hoist load wheel concept has 5 intermediate teeth

Numerous options are available: gear limit switch (2 or 4 steps), motor mounted with a lug to replace the top hook, automatic closing of lifting hook, controllers range, flight cases range,...

VERLINDE:

- > The leading French manufacturer and exporter of lifting and handling equipment.
- > A constantly-upgraded range of 30 groups of lifting equipment, designed for loads from 60 to 250,000 kg.
- > ISO 9001 quality assurance certified and ISO 14001 EMS certified (environment management system).

In France:

EUROPONT travelling crane construction plants, a sales network, a distributor network and after sales facilities.

Abroad:

- > An advisory service in more than 55 countries.