



STAGEMAKER®

Raising the Standard
of Performance

STAGEMAKER
SR5

www.us.stagemaker.com

Stagemaker® SR motors are designed to enable the safe and accurate positioning of speakers, lighting systems, stage sets and scenery.



Standard Features

- 1/8 - 5 ton (125 - 5000 kg) capacity range
- 208 or 230/3/60 and 115/1/60 power supplies available
- Black non-reflective chain and black motor body
- Plug-and-play electronics uses the same card for all SR5 and SR10 motors
- Self-adjusting DC disc brake
- Adjustable slip clutch overload device
- Retractable, rubber clad handgrips for easy handling
- Lifting hook with ergonomic, rubber clad gripping surface
- Reversible chain bag for easily interchangeable body up or body down positioning
- IP55 protection rating for dust and moisture
- CSA C/US approved

Additional Features

- Double brake and BGV-D8+ motors (second brake + 10:1 safety factor)
- Manual brake release
- Geared hoisting limit switch
- Vinyl rain covers
- Lockable hook rotation

Accessories

Controllers allow you to remotely control one or more Stagemaker SR motors. Controllers are the perfect accessory for applications where more than one motor will be used in tandem to lift the rigging or set.

Pickle controllers are the perfect solution for controlling individual Stagemaker SR motors. With our ergonomic pistol grip design and plug-and-play electrics, taking control of your Stagemaker SR motor has never been easier. Pickle cable length is 18", but custom lengths are available.

Stagemaker offers a variety of connectors and pigtails to meet your needs. Choose from power, control, or power + control options, with or without connectors.



BODY ORIENTATION

Normal Position: **Body Up**

In the normal position, the motor is mounted with load chain down and hoist body up. The load block attaches to the load and moves up and down. The motor body is stationary.



Inverted Position: **Body Down**

In the inverted position, the motor is mounted with load chain up and motor body down. The motor body attaches to the load. This is often called a self climber.



ELECTRICAL CONFIGURATIONS

Configuration B: **Three-Phase Motor**

Configuration B utilizes three-phase power and 115 volt single phase control. This motor is equipped for mobile installations so it can be mounted in the body up or body down positions. A pendant (pickle), which is used during stage set-up, can be connected directly to the low voltage hoist control.

3-Phase Power
115V Control

Configuration S: **Single-Phase Motor**

Configuration S utilizes single-phase power and 115 volt single phase control. The motor is equipped so it can be mounted in the body up or body down position. This motor can be used in temporary or short-term set-ups or permanent installs when three-phase power sources are not available.

1-Phase Power
115V Control

Configuration A: **Direct Motor Control**

Configuration A features a three-phase direct motor control for easier setup and cabling. The motor is equipped for mobile installations so it can be mounted in the body up or body down position. A direct motor control hoist in the body down position is best suited for temporary or short-term set-ups.

3-Phase Motor
3-Phase Direct Control

Stagemaker®'s purpose-built components for the entertainment industry make them the best choice for your stage productions.

Better Performance

From set up to show time, the Stagemaker SR motor brings you world-class performance.

During set up, the motor configuration can be switched easily from body up to body down just by reversing the chain bag.

Consistent speeds with or without load and the quietest operating sound levels available (down to 60 db), mean no distractions during performances.

Better Ergonomics

The Stagemaker SR is designed with your comfort in mind. We've added retractable, rubber-clad handgrips for easy transportation and handling of the hoist. Riggers no longer need to worry about pinched fingers and accidentally dropping the equipment when lifting the motor from a flight case! Lifting hooks are also rubber-clad for an ergonomic, non-slip gripping surface.

Better Innovation

The Stagemaker® SR's innovative design, compact style, and ergonomic features provide an easier installation and quieter operation. Let Stagemaker help you with performance needs today!

PERFECT PUSH®

Perfect Push is our patented 5 pocket load wheel, fitted with 5 intermediate teeth. This innovative load wheel helps distribute the load over more of the chain, dramatically reducing chain wear, and also helps to provide a smooth and quiet flow of the chain through the hoist.



CHAINFLUX®

The Chain Flux chain guide 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. The curved entry of the chain allows for body up or body down orientation without changing any components!



LIMITFLUX®

Our exclusive Limit Flux magnetic limit switch is standard on most SR models. This innovative feature allows for easy adjustment and non-contact control to prevent dangerous over-travel of the hook block or chain.



Stagemaker® SR motors cover a wide capacity range with many speed options for all of your entertainment lifting needs. Need more detailed information? Check out our dimensional drawings online at www.us.stagemaker.com!



SR1

- 1/8 - 1/2 ton (125 - 500 kg) capacities
- 8 - 16 fpm (2 - 5 m/min) lifting speeds
- Body up or body down position



SRS

- 1/4 - 1/2 ton (250 - 500 kg) capacities
- 16 - 64 fpm (5 - 20 m/min) lifting speeds
- Body up or body down position
- 1-phase or 3-phase power supply available



SR10

- 1/2 - 2 ton (500 - 2000 kg) capacities
- 16 - 64 fpm (5 - 20 m/min) lifting speeds
- Body up or body down position



SR25

- 1 1/4 - 5 ton (1250 - 5000 kg) capacities
- 16 - 32 fpm (5 - 10 m/min) lifting speeds
- Body up or body down position

Manual Chain Products

For additional rigging options, R&M Materials Handling, Inc. offers manual chain products to meet your needs.

Our RMII manual chain hoists are available as standard with a 10 ft (3 m) lift, or with any custom lift height up to 98 ft (30 m). The standard top hook design can be paired with one of R&M's manual trolley options, or opt for an integral hand geared chain trolley or manual push trolley 1/2 – 5 ton (500 - 5000 kg) capacities, which lowers the overall headroom of the hand chain hoist and trolley.

The RLP premium lever puller and the RL manual lever puller are available in 1/4 – 6 ton (250 – 6000 kg) capacities. The lever pullers come standard with a 5 ft (1.5 m) lifting height, but additional chain lengths are available.

The RBC beam clamp is adjustable to fit a wide range of flange widths available in 1 – 5 tons (1000 – 5000 kg) capacities.

RPT push trolleys and RPTC hand geared trolleys are available in 1/2 – 5 ton (500 – 5000 kg) capacities and are designed for use with both manual and electric chain hoists.





RAISING THE STANDARD WITH STAGEMAKER®

R&M Materials Handling, Inc. has been innovating since 1929. The Stagemaker concert hoist carries on our heritage of innovation through its quiet operation and ergonomic handling. You deserve the best performance possible; let us help you achieve it!

Stagemaker/R&M Materials Handling, Inc. may alter or amend the technical specifications identified herein at any time with or without notice.

R&M Materials Handling, Inc. is a proud member of the following organizations:



STAGEMAKER®

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