

The Spacemaster ${ }^{\circledR}$ SX represents an innovative design that includes a large drum diameter giving Spacemaster ${ }^{\circledR}$ SX hoists the lowest headroom and best wheel loads in the industry while providing near true vertical lift with single reeved hoists, and both exceptional hook approaches and heights of lift.
Standard configurations include normal headroom, low headroom and double girder trolley designs. Hoists in short ton ratings (ASME) or metric ratings (FEM) meet a wide variety of application requirements:

- HMI Certified
- 1/2-80 ton (500-80,000 kg) capacities
- Lifts starting at $13 \mathrm{ft}(4 \mathrm{~m})$ to $320 \mathrm{ft}(100 \mathrm{~m})$ and beyond
- Lifting speed range $10 / 1.5$ to $62 / 10 \mathrm{fpm}(3 / 0.5-19 / 3 \mathrm{~m} / \mathrm{min})$
- $208,230,460,575 / 3 / 60$ or $380 / 3 / 50$ power supply
- Single-reeved or double-reeved
- Two-component epoxy paint
- CSA c/us rating for electrical enclosures
- Hoisting electrical enclosures with NEMA 3 rating
- Designed to meet and exceed either ASME H3 or ASME H4 duty (FEM 1Am, 2m, or 3 m ) ratings

Quality assurance with all R\&M equipment is very important to us. The R\&M production facility is ISO9001 certified and all equipment is tested locally prior to shipment. Units are shipped with a test certificate, owner's manual and a parts list. The Spacemaster SX unit is a CSA listed product.


## SPACEMASTER ${ }^{\circledR}$ (SX) WIRE ROPE HOISTS

INNOVATIVE STANDARD FEATURES


Dual-speed hoisting with 6:1 ratio
Class F insulation and IP55 protection class
Heavy duty type $60 \%$ ED rating (exceeds 30 min . rating)
Optimum cooling with fan and directed air flow
Thermistors as standard (cut off at $170^{\circ} \mathrm{C}$ )
 limit switch


Trolley Drive:
Long life adjustment free compact brake
Minimized maintenance with grease gearbox
AGMA 11 carbonized and ground helical gearing Inverter duty motor with P55 protection Spline fit direct drive sealed travel system


## Hoisting Brake:

$200 \%$ torque DC disk type Lining designed for hoist lifetime ver 1 million operations
Sealed dust-proof
Heavy duty
Easy to check air gap

## Strain gauge overload protection

 with HoistMonitore or HoistWatchWire Rope Drum and Guide:
Optimized dimensions - Excellent hook approaches
Longer lifetime - Minimum drum to rope ratio $=40: 1$
Minimal hook drift + /- $1 / 8^{\prime \prime}$ per ft of travel


HoistMoitor ${ }^{\text {® }}$


HoistWatch


Ductile Iron rope guide
Minimal rope bending
Lower pressure on drum bearing
Galvanized wire rope



R\&M's ControlMaster ${ }^{\circledR}$ Variable Frequency Drive Series offers more versatility, better performance and prolonged equipment life than industry-standard contactor motor controls

ControlMaster Aspire or ControlMaster Elite \& A-motor inverter technology:

- Hoist speed is directly related to the load on the hook - improved safety with the right speed at the right time!
- Open loop control with speed supervision
- Quick delivery options available
- Digital, key pad interface

- Quick Extended (Category 1.5) delivery options available

ControlMaster LDR designed for trolley or bridge traverse motion:

- Standard controls for trolley and bridge motions

ControlMaster NXT for trolley traversing:

- Five inverter sizes, from 3.4 amp to 33.8 amp
- Non-digital interface (dip switches)
- Multi-speed reference or infinitely variable reference
- Digital, key pad interface
- Multi-speed reference or infinitely variable reference

The HoistMonitor ${ }^{\circledR}$ \& HoistWatch assist in the safe operation, maintenance and performance of the hoist and crane by constantly monitoring and recording selected functions.
The HoistMonitor is a standard feature for Spacemaster ${ }^{\circledR}$ SX6, SX7, and SX5 with a P6 motor or larger.
The HoistWatch is a standard feature for Spacemaster ${ }^{\circledR}$ SX2, SX3, SX4 and SX5 single hoist with a P5 motor or smaller.


Your Distributor Contact Is:

