N 3
P 37
E 9
B 10
H 5
Trolley Speed (ft./min)
3
Standard Beam Flange
1
• Do not use the Lodestar XL Hoist for lifting people; special equipment is required
• Failure to properly install, operate and maintain the Lodestar XL Hoist may result in
  injury and/or property damage.

Dimensions listed are for minimum size “S” beam.

Minimum Radius Curve (ft.)
4
K 4
6
W 1
• New capacities and speeds are available with the Lodestar XL Electric Chain Hoist.

NEW CAPACITIES & SPEEDS

- Lifting capacities up to 7 tons
- Increased lifting speeds throughout the line
- Double reeved units with 3:6 ton capacities
- Maximum lifting speed of 20 feet per minute

A glimpse of the many benefits of the Lodestar XL Electric Chain Hoist for durability and long life:

- Heavy-duty multiple disc braking system
- Forged ten-pocket drop-in lifeline for smooth chain operation, constant chain speed, and reduced chain wear
- Gearless operated in oil bath for increased lifting life and quiet operation
- Rated H-4, heavy-duty
- Standard overload protector
- Flammability test kit switches
- Thermally protected motor
- Factory tested at 150% of rated capacity
- Made in U.S.A.

Columbus McKinnon introduces an expanded line of Lodestar XL electric chain hoists for lift applications from 2 to 7-ton. The new offering provides heavy-duty hoists featuring faster speeds, less reeving, and higher capacities than traditional chain hoists. Workers in automotive plants, heavy equipment manufacturing, paper mills, and related rugged work environments will experience the same dependability and versatility that they have relied on for many years.

Lodestar XL Electric Chain Hoist

Finished Code Numbers

Single Speeds

<table>
<thead>
<tr>
<th>Capacity (ton)</th>
<th>Reeving (fpm)</th>
<th>Hook Speed</th>
<th>Trolley Speed (ft./min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>5265</td>
<td>5265P</td>
<td>5265G</td>
</tr>
<tr>
<td>3</td>
<td>5279</td>
<td>5279P</td>
<td>5279G</td>
</tr>
<tr>
<td>4</td>
<td>5285</td>
<td>5285P</td>
<td>5285G</td>
</tr>
<tr>
<td>5</td>
<td>5290</td>
<td>5290P</td>
<td>5290G</td>
</tr>
<tr>
<td>6</td>
<td>5289P</td>
<td>5289G</td>
<td>5289M</td>
</tr>
<tr>
<td>7</td>
<td>5290P</td>
<td>5290G</td>
<td>5290M</td>
</tr>
</tbody>
</table>

Heavy-duty, multiple disc braking system included:
- Forged ten-pocket drop-in lifeline for smooth chain operation, constant chain speed, and reduced chain wear
- Gearless operated in oil bath for increased lifting life and quiet operation
- Rated H-4, heavy-duty
- Standard overload protector
- Flammability test kit switches
- Thermally protected motor
- Factory tested at 150% of rated capacity
- Made in U.S.A.

CM Repair/Replacement Policy
- Columbus McKinnon CM Hoists are thoroughly inspected and performance tested prior to shipment. If any properly maintained CM Hoist develops a performance problem due to material or workmanship defects within 90 days of delivery, it can be returned to Columbus McKinnon, in original packing, freight prepaid, for repair or replacement at CM’s option, as indicated in the following chart. This replacement policy applies only to Hoists installed, maintained and operated as outlined in the applicable accompanying CM Manual, and specifically excludes normal wear, abuse, improper installation, misuse or inadequate maintenance, caused by environmental effects, and results of improper repairs.

AM/USA

CM Hoists are manufactured in accordance with the requirements of the National Board of Pressure Vessel, Boiler, and Air-Conditioning Safety and Health Act and Health Act regulations of the time of manufacture. Users should consult their service installation, operation and maintenance requirements of these regulations and standards.

CM Solutions

Lodestar XL Electric Chain Hoist

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Reorder TLK-01 4/01 20M SS Printed in U.S.A.
NEW CAPACITIES & SPEEDS

LoDestar XL Electric Chain Hoist

Finished Code Numbers

Single Speed Hoists

<table>
<thead>
<tr>
<th>Capacity (ton)</th>
<th>Trolley Speed (ft./min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>28</td>
</tr>
<tr>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
</tr>
</tbody>
</table>

Note: Units: 3-5 P. X. Models (labeled) – Available in single speed. 3-7 ton speed, variable speed. 4-5 P. X. Models (shaded) - Available in single speed. constant speed.

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**LODESTAR XL ELECTRIC CHAIN HOIST**

**Lodestar XL with Hook Suspension**

**Lodestar XL with Plain Trolley and Geared Trolley**

**Lodestar XL with Motor Driven Trolley (2 Ton)**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Single Reeved (inches)</th>
<th>Double Reeved (inches)</th>
<th>Triple Reeved (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U (based on 10 ft. lift)</td>
<td>6'-3&quot;</td>
<td>6'-3&quot;</td>
<td>6'-3&quot;</td>
</tr>
<tr>
<td>T (based on 10 ft. lift)</td>
<td>14</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td>Minimum Radius Curve (ft.)</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Trolley Speed (ft./min)</td>
<td>Standard Single Speed 65 or 100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WARNING**

Failure to properly install, operate and maintain the Lodestar XL may result in injury and/or property damage.

**TO AVOID INJURY:**
- Installation, maintenance and operation must be carried out as instructed in the material provided with the Lodestar XL.
- All personnel working with the Lodestar XL must be qualified.
- Proper equipment is required for the job. Refer to SSMA/ASME A17.1 for specific requirements.

**CMF Repair/Replacement Policy**

All Columbus McKinnon CMF hoists are thoroughly inspected and performance tested prior to shipment. If a properly maintained CMF hoist develops a performance defect, it will be returned to the original manufacturer for repair or replacement of the hoist at no cost to the original purchaser. A warranty and repair or replacement policy applies only to hoists installed, maintained and operated as outlined in the applicable accompanying CMF Hoist Manual. Such warranty specifically excludes any damage due to abuse, improper installation, improper or inadequate maintenance, fire or natural disaster, unauthorized repairs/modifications, and any other environmental effects, and unauthorized repair or modifications.

**ANSI/SSMA**

CMF hoists are manufactured in accordance with the American National Standards Institute (ANSI) and the Structural Steel Manufacturers Association (SSMA) specifications. Refer to these organizations and their respective specifications to ensure compliance with the appropriate operating and maintenance requirements of these regulations and standards.

**Dimensions listed are for minimum size "S" beam.**

**CLEANUP Dimensions (inches)**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Single Reeved (inches)</th>
<th>Double Reeved (inches)</th>
<th>Triple Reeved (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>71&quot;</td>
<td>71&quot;</td>
<td>71&quot;</td>
</tr>
<tr>
<td>V</td>
<td>112&quot;</td>
<td>112&quot;</td>
<td>112&quot;</td>
</tr>
<tr>
<td>C</td>
<td>8&quot;</td>
<td>8&quot;</td>
<td>8&quot;</td>
</tr>
<tr>
<td>W</td>
<td>8&quot;</td>
<td>8&quot;</td>
<td>8&quot;</td>
</tr>
<tr>
<td>A</td>
<td>25&quot;</td>
<td>25&quot;</td>
<td>25&quot;</td>
</tr>
<tr>
<td>B</td>
<td>9&quot;</td>
<td>9&quot;</td>
<td>9&quot;</td>
</tr>
<tr>
<td>D</td>
<td>12&quot;</td>
<td>12&quot;</td>
<td>12&quot;</td>
</tr>
</tbody>
</table>

**Note:**
- **Dimensions listed are for minimum size "S" beam.**
- **Gross Trolley Dimensions Only.**
- **Dimensions listed are for minimum size "S" hoist.**

For additional information, refer to the SSMA/ASME A17.1 standards and applicable state and local codes for specific requirements.
**Lodestar XL with Hook Suspension**

Tolerance area connections: Ganged Trolley

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Single Reeved</th>
<th>Double Reeved</th>
<th>Triple Reeved</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>12.0%</td>
<td>12.0%</td>
<td>12.0%</td>
</tr>
<tr>
<td>B</td>
<td>16.5%</td>
<td>16.5%</td>
<td>16.5%</td>
</tr>
<tr>
<td>C</td>
<td>18.0%</td>
<td>18.0%</td>
<td>18.0%</td>
</tr>
<tr>
<td>D</td>
<td>20.0%</td>
<td>20.0%</td>
<td>20.0%</td>
</tr>
<tr>
<td>E</td>
<td>25.5%</td>
<td>25.5%</td>
<td>25.5%</td>
</tr>
</tbody>
</table>

**CM Repair/Replacement Policy**

All Columbus McKinnon CM Hoists are thoroughly inspected and performance tested prior to shipment. If a properly maintained CM Hoist develops a performance problem, the manufacturer will repair or replace the hoist at no charge to the owner. In the event of a component failure, only the specific component will be repaired or replaced.

**ASME/CSA/AMA**

CM Hoists are manufactured in accordance with the requirements of the ASME/CSA Code B30.20.09 for Overhead Hoists and CSA. Occupational Safety and Health Act (OSHA) regulations and standards. CM requires compliance with these applicable operations, operation and maintenance requirements of these regulations and standards.

**WARNING**

Failure to properly install, operate and maintain the Lodestar XL Hoist may result in injury and/or property damage. TO AVOID INJURY:

- Installation, maintenance and operation must be carried out as instructed in the manual provided with the Lodestar XL Hoist.
- Only qualified personnel should install, operate and maintain the Lodestar XL Hoist for lifting people.
- Special equipment is required for this purpose. Refer to ASME/CSA A-17 Terms and applicable state and local codes for specific requirements.
**Clearance Dimensions (inches)**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Single Reeved (in.)</th>
<th>Double Reeved (in.)</th>
<th>Triple Reeved (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adj. Range (in.)</td>
<td>3.33-5.55</td>
<td>4.00-6.25</td>
<td>4.00-6.25</td>
</tr>
<tr>
<td>10 ft. Lift (in.)</td>
<td>6'- 3&quot;</td>
<td>6'- 3&quot;</td>
<td>6'- 3&quot;</td>
</tr>
<tr>
<td>15 ft. Lift (in.)</td>
<td>6'- 3&quot;</td>
<td>6'- 3&quot;</td>
<td>6'- 3&quot;</td>
</tr>
</tbody>
</table>

**CM® Repair/Replacement Policy**

All Columbus McKinnon CM® Hoists are thoroughly inspected and performance tested prior to shipment. If any property maintained CM® Hoist develops a performance problem during its life service, Columbus McKinnon will repair or replace it at no charge. This clause shall not apply if the failure is due to a defect in materials or workmanship, or if the failure is due to improper maintenance, abuse, or alteration of the hoist. The repair or replacement of the hoist will be made to the original purchaser without charge. CM® Hoist repair and replacement policy applies only to hoists located, maintained and operated as outlined in the applicable accompanying CM® Manual, and specifically excludes normal wear, damage, improper installation, improper use or modification, including any installations that violate environmental effects, and unauthorized repair modifcations.

**ANSI/OSHA**

CM hoists are manufactured in accordance with the interpretation of the ANSI/ASME Code B30.16 for Overhead Hoists and U.S. Occupational Safety and Health Act for compliance with the application, operation and maintenance requirements of these regulations and standards.

---

**WARNING**

Possible to damage, maintainance and operation must be carried out or instructed in the manual provided with the Lodestar XL Hoist.

TO AVOID INJURY:

• Do not use the Lodestar XL Hoist for lifting people.

• Keep goods or special equipment is required for this purpose. Refer to ANSI/ASME B30.16-17 forms and applicable state and local codes for specific requirements.
**LODESTAR® XL Electric Chain Hoists**

**NEW CAPACITIES & SPEEDS**

- Rated H-4, heavy-duty
- Multi-pulley, multi-drum braking system
- Forged ten-pocket slipway style lifter for smooth chain operation
- Reduced chain wear
- Slow, steady, constant chain speed for greater lifting life and quiet operation
- Rated H-4, heavy-duty
- Standard overload protector
- Basic type B2-01 windlass
- Factory tested at 125% of rated capacity
- Made in U.S.A.

Columbus McKinnon introduces an expanded line of Lodestar XL electric chain hoists for lifting applications from 2 to 7½ tons. The new offering provides heavy-duty hoists featuring faster speeds, less reeving, and higher capacities than traditional chain hoists. Workers in automotive plants, heavy equipment manufacturing, paper mills, and related rugged work environments will experience the same dependability and versatility that they have relied on for many years.

**Lodestar XL with Motor Driven Trolley (2-7½ Ton)**

**Dimensions**

- **Clearance Dimensions (inches)**
  - **Standard Single Speed**
    - 3 ton: 4 & 5 ton: 5'-7" 6'-3" 6'-3"
  - **Double Reeved**
    - 3 ton: 4 & 5 ton: 5'-7" 6'-3" 6'-3"

**Lodestar XL with Motor Driven Trolley (3-7 Ton)**

**Standard Single Speed**

- **Capacity Speed**
  - 4 ton: 1 3/2 24 5320H 5320P 5320G 5320M 5321H 5321P 5321G 5321M
  - 5 ton: 1 9 5327H 5327P 5327G 5327M 5328H 5328P 5328G 5328M
  - 6 ton: 3 8 5230H 5230P 5230G 5230M 5240H 5240P 5240G 5240M
  - 7 ton: 3 6 5221H 5221P 5221G 5221M 5237H 5237P 5237G 5237M

**Rates of Delivery**

- **Standard Delivery**
  - 3 to 7 days
- **Buyers who require expedited shipping should indicate preference on order**

**CM Repair/Replacement Policy**

All Columbus McKinnon CM hoists are thoroughly inspected and performance tested prior to shipment. Any properly maintained CM hoist develops a performance defect due to material or workmanship defect, Columbus McKinnon will repair or replace the CM Hoist without charge. This repair/replacement policy applies only to hoists installed, maintained and operated as outlined in the applicable accompanying CM Manual, and specifically excludes normal wear, abuse, improper installation, improper or inadequate maintenance, hostile environmental effects, and unauthorized repairs/modifications.

**ANSI/CSA**

CM hoists are manufactured in accordance with the requirements of the applicable American Society of Mechanical Engineers and/or American National Standards Institute codes for specific requirements.

**WARNING**

Failure to follow instructions may void the Lodestar XL Hoist warranty and result in injury and/or property damage.

- **Installation, maintenance and operation**
  - must be carried out as instructed in the manual for the Lodestar XL Hoist.
  - CM hoists are designed for use in environments where there is no fire, explosion, or static hazard, and where there is no danger of severe corrosive attack, excessive dirt, dust, or atmospheric moisture. If hoists will be used in environments which differ from the above specified conditions, then the hoists must be protected by the manufacturer or by the user as appropriate. The user must also ensure that the hoists are maintained in good working condition. If the hoists are not maintained in good working condition, then the hoists may cause injury and/or property damage.

- **Regulations and Standards**
  - All Columbus McKinnon CM hoists are designed, manufactured, tested, and delivered in accordance with the American Society of Mechanical Engineers codes for specific requirements.
  - The NEW features of the Lodestar XL Electric Chain Hoist include:
    - Increased lifting speeds throughout the line
    - Double reeved units with 3-6 ton capacities
    - Maximum lifting speed of 20 feet per minute

A glimpse of the many features of the CM Lodestar XL can be found in the table below for durability and long life:

- Heavy-duty, multi-pulley, multi-drum braking system
- Forged ten-pocket slipway style lifter for smooth chain operation
- Reduced chain wear
- Slow, steady, constant chain speed for greater lifting life and quiet operation
- Rated H-4, heavy-duty
- Standard overload protector
- Basic type B2-01 windlass
- Factory tested at 125% of rated capacity
- Made in U.S.A.

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