MR 618

Maximum capacity: 32 t
Maximum operating hook radius: 60 m
Maximum capacity at 60 m: 8.25 t
Maximum line speed: 216 m/min
1 part / 2 part load block reeving

- Ultra View cab
- Maximum capacity: 32 t
- Maximum operating hook radius: 60 m
- Maximum capacity at 60 m: 8.25 t
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Contact your local dealer for more information, or to find your dealer go to www.manitowoc.com
Benefits

New mechanisms
- 270/320 LVF 160 hoist
- 1 part / 2 part load block reeving
- Smooth movements due to frequency control technology
- Extremely accurate and reactive luffing movements through VVF technology
- Very high speed, high capacity hoist winches maximize productivity at very tall working heights
- Ultra View cab provides outstanding visibility with first-rate comfort

Smart design
- Improved technician access to mechanisms and electrical panels
- Optimized counter jib length, 10 m and articulating counterweight minimize out of service radius
- Standard service derrick allows handling of mechanism components on machinery deck
- Simplified assembly, commissioning and maintenance phases maximize uptime
- One type of counterweight 6 t used with all jib combinations
- Minimized weights for transportation and assembly of components

On-board computer
- Easier commissioning with Teach-In programming mode
- Improved man to machine interface through modern control system
- Simplified maintenance through fault stack readout
- Secured sensors and switches ensure a high level of safety
- Optional Top Tracing II (WADS + crane interface control) that informs the operator of obstructions and obstacles within the working area

LVF Optima hoist system

<table>
<thead>
<tr>
<th>Electrical network</th>
<th>400 V - 50 Hz</th>
<th>480 V - 60 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winch</td>
<td>LVF 160 Optima</td>
<td>LVF 160 Optima</td>
</tr>
<tr>
<td>Max. speed</td>
<td>216 m/min</td>
<td></td>
</tr>
<tr>
<td>Lifted load</td>
<td>2 t</td>
<td>3.8 t</td>
</tr>
<tr>
<td>Drum capacity</td>
<td>541 m</td>
<td></td>
</tr>
</tbody>
</table>

- High-speed hoisting winch with large drum capacity
- Optimized speed depending on the load
- Automatic detection of the electrical network
- Power Control function for reduced electrical demand
- No gearbox

VVF luffing system

- Slewing speeds up to 1 rpm

RVF Optima+ slewing system

- Slewing speeds up to 1 rpm