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Manitowoc Crane Care when you need it.  
The assurance of the world’s most advanced crane service and support to get you back to work fast.

Manitowoc Finance helps you get right to work generating profits for your business.  
Financial tools that help you capitalize on opportunity with solutions that fit your needs.

Motorized Tower Crane Lift Systems

- Fits all K-mast configurations
- Fast access for the crane driver
- Proven and reliable technology
Reliable motorized solutions for tower crane access.

Tower crane access is now faster and easier thanks to a partnership between Manitowoc and Alimak Hek. Utilizing a system that installs quickly, crane operators can save time and energy getting to the tower crane cab for work — with either an internal or external lift cab solution for any tower crane.

CabLIFT™ an internal, motorized lift system for Potain Tower Cranes

The CabLIFT™ will come preinstalled inside the mast of all new Potain tower cranes with K-mast system types. The design of the motorized lift includes a service platform linked above the main cat.

The CabLIFT is utilized during construction of the tower crane mast, then it is used for secure transport to the tower crane cab. Retrofit CabLIFT kits are also available for existing, installed Potain K-mast systems.

CabLIFT™ technology

- Motorized transport to cab for two people (200 kg)
- Time-saving travel to tower cab at 24 m/minute
- Co-developed with hoist leader Alimak Hek and supported by the Manitowoc sales and service network
- Proven rack and pinion technology provides easy, secured and reliable use
- Controlled and secured enclosure ensures easy and fast access for crane operator and service technicians
- Integrated inside the K masts of all crane configurations, including 1.6 m; 2.0 m; and 2.45 m. Compatible with all crane bases, fixing angles, chassis and cross-shaped bases
- Provides ergonomic access to the crane cab for operators and a service platform for tower crane fitters
- Also available in a retrofit kit for all tower cranes with a K mast

CabLIFT integrated inside K mast

- Lift components stay in place inside masts making storage, transport and assembly unnecessary
- Use of CabLIFT for tower crane mast assembly improves ergonomics for fitters
- Offers protection against chocks during transport and crane operation
- Lift components are stored with crane, so no extra storage is needed
- Limited wind surface results in the best height under the hook

New regulations require motorized lift:

- Scandinavia, Netherlands and France have specific regulations concerning the height a crane operator can climb to the cab. Above a specified climbing distance, motorized access is required.
- In France, according to recommendation R.459, the current maximum climbing distance without motorized access is 60 m. As of 2017, it will be reduced to 30 m.

CabLIFT compared to TCL

<table>
<thead>
<tr>
<th>Feature</th>
<th>Inside mast CabLIFT</th>
<th>Externally to mast TCL</th>
</tr>
</thead>
<tbody>
<tr>
<td>No additional storage and transport costs</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Operator lift’s assembly time reduced</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Improvement of ergonomics for fitters</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Skills standardization: Same process for all configurations</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Compatible with all types of masts and bases (narrowest L masts, 1.2 m)</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Compatible with K-mast and related bases</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Access time reduction to reach slewing part</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Minor impact on free standing height reduction</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Retrofit: no modification on access mast</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Perfectly hosted inside the mast, it increases lifetime (i.e., protection against chocks in use)</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Proven and well-known technologies for drive and secured systems</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

TCL an external, motorized lift system for installed Potain Tower Cranes

Tower Crane Lift (TCL) is designed for motorized tower crane access for existing tower cranes. This rack and pinion product is engineered and manufactured to deliver customers ongoing reliability and best resistance in any work environment.

Developed by Alimak Hek in collaboration with Potain/Manitowoc, TCL is adaptable to any tower crane and offers the fastest external installation available.

TCL components

- Compact mast with rack is made of durable, galvanized steel and assemblies easily with centering notches and captive bolts
- Tie-ins used to attach TCL to mast feature a lightweight, flexible, modular design; single type fits all crane mast systems
- Reversible cab allows the door to be located on the right or left to suit different tower crane mast systems
- Adaptable to all types of tower crane masts
- Allows fast installation to the external mast
- Tie distance is adapted to tower crane mast platform for safe installation
- Time-saving travel to tower cab at 24 m/minute
- Motorized transport to cab for two people (200 kg)
- Mechanical, electrical interlocked doors for increased safety