

MRH 175

POTAIN[®]
by **Manitowoc**



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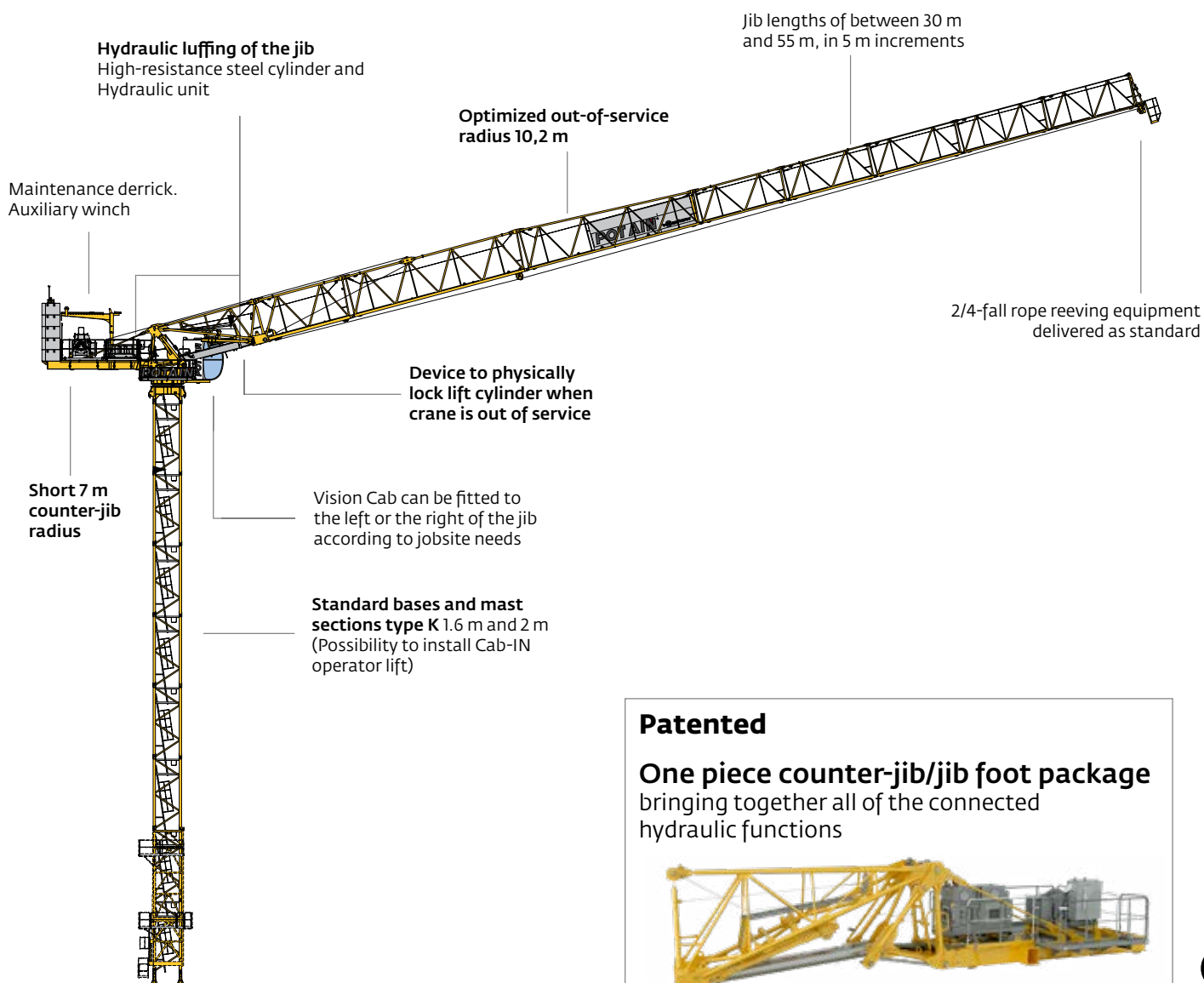
MRH 175

Hydraulic luffing jib crane

Maximum capacity: 10 t (11 USt)

Maximum radius: 55 m (180 ft)

Hoisting capacity at 55 m maximum radius: 1,5 t (1.65 USt)



Patented

One piece counter-jib/jib foot package
bringing together all of the connected
hydraulic functions



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THE REVOLUTION IS
REAL
MANITOWOC CRANES

The second POTAIN MRH combining hydraulic jib hoisting technology with the Topless design on K mast



New technologies

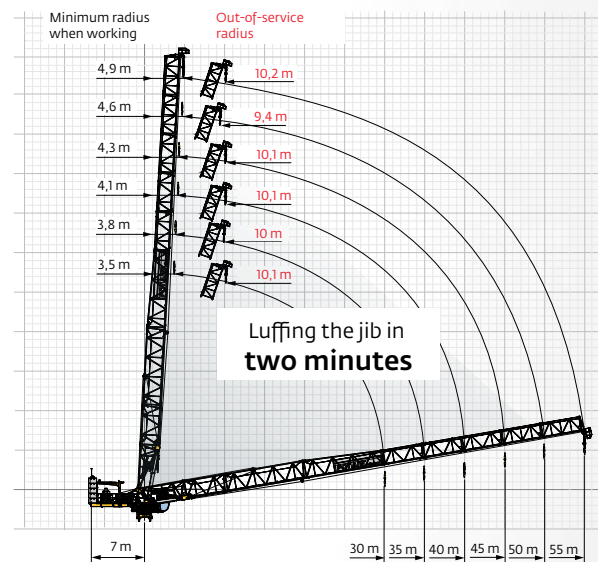
- The Topless design with several elements making up the slewing crane part reduce the standard size and weight to make transport, handling, and fitting easier
- The VVH hydraulic system allows complete raising of the jib in two minutes:
 - Excellent performance of the jib regardless of the wind speed or direction
 - Hydraulic components offer a high level of reliability
 - Reduced maintenance

The perfect crane for confined areas

- Short and compact counter-jib with a rear slewing radius of just 7 m
- Almost vertical luffing jib for minimum space requirement when working
- Weather-vaning radius optimized for each jib length, just 10 m for the 55 m jib, ideal for congested jobsites
- Option to fit the cab on the left or right-hand side of the jib according to jobsite needs and especially to allow installation of the crane as close to the building as possible.

The fastest assembling of a luffing jib crane

- One piece counter-jib/jib foot package bringing together all of the connected hydraulic functions. No assembly/disassembly between job sites, compact and transportable in one package
- Maintenance derrick prefitted on the counter jib at the factory
- Wind-sail plates positioned in the same jib section for any jib length, installed at the factory: single configuration avoids operations and handling at the jobsite when changing jib length
- No installation of luffing rope thanks to an innovative hydraulic system: save assembly time compared to a traditional luffing system and increased safety



Optimized and economical transport

- Compact size and limited weight of each of the crane elements
- Use of standard containers and trucks provides reduced transportation costs
- Only 4 containers or 4 trucks for transportation of the whole slewing crane part with a 55 m jib

Optimized return on investment

- Luffing jib crane adapted to very tight urban jobsites
- Economical transport, easy and adapted to the fitting sequences
- assembly/disassembly time reduced through a design combining the Topless concept with hydraulic luffing technology
- Improved fitting safety
- Mast section asset management optimized through reuse of common K400 and K600 mast sections