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)

Hydraulic luffing of the jib
High-resistance steel cylinder and Hydraulic unit

Jib lengths of between 30 m and 55 m, in 5 m increments

Optimized out-of-service radius 10,2 m

Device to physically lock lift cylinder when crane is out of service

Vision Cab can be fitted to the left or the right of the jib according to jobsite needs

Standard bases and mast sections type K 1.6 m and 2 m (Possibility to install Cab-IN operator lift)

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

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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
- Weathervaning 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

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

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