

POTAIN LUFFING JIB

MRH hydraulic luffers and MR rope luffers. Same job: a jib that luffs so the crane can work tight to the building. Match the machine on site to the right chart.

Rev 01 Effective 2026-09-01 Review 2027-09-01 Printed copy uncontrolled

THIS CLASS

MRH 125

Hydraulic topless luffer. 8 t, 50 m jib. See PROVEN-CRN-002.

MRH 175

Hydraulic topless luffer. 10 t (11 USt), 55 m (180 ft) jib. 1.5 t (1.65 USt) at 55 m. Weathervane about 10 m.

MR 229

Current rope-luffing jib with CCS. 14 t (15.4 USt), 55 m (180 ft) jib. 2.7 t (2.95 USt) at max jib. Out-of-service radius from about 10.25 m.

MR 225 A

Earlier rope luffer still on sites. 55 m jib. Cathead and luffing rope. Confirm the serial chart - this is a non-current product.

INSPECT

Which luffer: hydraulic (MRH) or rope (MR). Inspection follows that machine
 Jib angle against the chart for this radius and this reeving
 Out-of-service / weathervane radius for this jib length
 Rope luffer: luffing rope, cathead sheaves, luffing winch, dead ends
 Hydraulic luffer: rams, hoses, tank, pins - see MRH 125
 Hoist rope, hook, limits, overload, anemometer
 Slew, mast, ties, access

MAINTAIN

Luffing system on the OEM interval for this serial
 Hoist and slew as the lubrication chart
 Wire rope: hoist and, on MR machines, luffing line
 Structure: jib, cathead or ram attachments, mast

CHARTS AND MANUALS

Serial chart and manuals stay in the cab. Published data sheets are linked from the live card - they are not copied into this pack. Serial plate wins if a download disagrees.

<https://www.manitowoc.com/potain/top-slewing-cranes/mrh-125>

PUBLISHED CHARTS

MRH 125 - CHARTS AND FORMS -> /safety/crane/mrh-125
 MRH 175 - ASCE LOAD CHART -> <https://www.manitowoc.com/media/14214/download>
 MRH 175 - PRODUCT PAGE -> <https://www.manitowoc.com/potain/top-slewing-cranes/mrh-175>
 MR 229 - ASCE LOAD CHART -> <https://www.manitowoc.com/media/16824/download>
 MR 229 - PRODUCT PAGE -> <https://www.manitowoc.com/potain/top-slewing-cranes/mr-229>
 MR 225 A - EN 14439 C25 DATA SHEET ->
https://www.manitowoc.com/sites/default/files/media/divers/file/2023-03/02D_EN14439C25D25_MR225A_2009_36-15.pdf
 MR 225 A - PRODUCT PAGE -> <https://www.manitowoc.com/potain/top-slewing-cranes/mr-225>

MANUALS

MANITOWOC MANUALS - BRAND POTAIN -> <https://www.manitowoc.com/manuals>