

RAIMONDI LUFFING JIB

LR rope luffers and the LRH174 hydraulic. Same job: a jib that luffs so the crane can work tight to the building. Lift to the serial chart in the cab.

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

THIS CLASS

LRH174

Hydraulic. 10 t max. 50 m jib. 2.25 t at max radius in Ultra-lift, two falls. Out-of-service about 10 m. Jib to 85 deg in about 1.8 minutes. No A-frame - jib and hoist assembled at ground level.

LR213

Rope luffer. 14 t max. 55 m jib. 73.5 kW hoist.

LR273

18 t max. 60 m jib. 67/86 kW hoist.

LR372 / LR60

LR372: 20 t, 60 m, 110 kW. LR60: 5 t, 36 m, 22 kW. Match the plate to that page.

INSPECT

Which luffer: hydraulic LRH or rope LR. Inspection follows that machine
 Serial, jib length, reeving, ballast match the chart in the cab
 Jib angle against the chart for this radius and this reeving
 Hydraulic LRH: cylinder, hoses, power pack, leaks, level. Near-vertical clearance
 Rope LR: luffing rope, winch, cathead, dead ends
 Hoist rope, hook, limits, overload, anemometer
 Slew, weathervaning, mast, ties
 Out-of-service jib position for this wind

MAINTAIN

Luffing system on the OEM interval for this serial
 Hydraulic LRH: oil, filters, cylinder glands - OEM interval
 Hoist and slew as the lubrication chart
 Wire rope: hoist and, on rope luffers, the luffing line

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://raimondi.com/en/product_cat/luffing-jib-cranes/lr-series/

PUBLISHED CHARTS

LRH174 - PRODUCT PAGE + DATA SHEET -> <https://raimondi.com/en/product/raimondi-lrh174-luffing-jib-crane/>
 LR273 - PRODUCT PAGE + DATA SHEET -> <https://raimondi.com/en/product/raimondi-lr273-luffing-jib-crane/>
 LR213 - PRODUCT PAGE -> <https://raimondi.com/en/product/raimondi-lr213-luffing-jib-crane/>
 LR372 - PRODUCT PAGE -> <https://raimondi.com/en/product/raimondi-lr372-luffing-jib-crane/>
 LR SERIES RANGE -> https://raimondi.com/en/product_cat/luffing-jib-cranes/lr-series/

MANUALS

RAIMONDI -> <https://raimondi.com/en/>