

LIEBHERR HC-L

HC-L rope luffers and the 195 HC-LH hydraulic. Same job: a jib that luffs so the crane can work tight to the building. Lift to the serial chart in the cab.

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THIS CLASS

195 HC-LH 6/12

Hydraulic luffer. 12 t (26,455 lb) max. 55 m (180 ft) jib. 2.55 t (5,600 lb) at max radius. Full luff in under 90 seconds. Out-of-service about 10 m (33 ft). Minimum working radius about 3 m (10 ft).

230 HC-L 8/16 LITRONIC

Rope luffer. 16 t (16,000 kg) max. 60 m (197 ft) jib. 1.9 t (1,900 kg) at max radius. 70.7 m (232 ft) hook height on the published base.

280 HC-L 12/24 LITRONIC

24 t (24,000 kg) max. 60 m (197 ft) jib. 3.2 t (3,200 kg) at max radius. 64.9 m (213 ft) hook height on the published base.

280 HC-L 16/28 LITRONIC

28 t (28,000 kg) max. Same 60 m jib. 3.0 t (3,000 kg) at max radius. Same published hook height on base.

HEAVIER HC-L

258 Fibre, 440, 620 and 710 live on the Canada HC-L family page. Fibre jib: Fibre chart. Level luffing where fitted - hook height holds as the jib moves.

INSPECT

Which luffer: hydraulic HC-LH or rope HC-L. 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 HC-LH: cylinder, hoses, power pack, leaks, level. Sensors on the luff
 Rope HC-L: luffing rope, winch, cathead, dead ends
 Level luffing where fitted - hook height holds as the jib moves
 Hoist rope, hook, limits, overload, anemometer
 Slew, weathervaning, mast, ties, climbing frame
 Out-of-service jib position for this wind

MAINTAIN

Luffing system on the OEM interval for this serial
 Hydraulic HC-LH: oil, filters, cylinder glands - OEM interval
 Hoist and slew as the lubrication chart
 Wire rope: hoist and, on rope luffers, the 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.liebherr.com/en-ca/tower-cranes/products/top-slewing-cranes/luffing-hc-l-4020302>

PUBLISHED CHARTS

195 HC-LH 6/12 - DATA SHEET -> <https://assets-cdn.liebherr.com/versions/c30861f0-4f77-4232-8947-bb63a740345b/original/>

195 HC-LH - PRODUCT PAGE ->

<https://www.liebherr.com/en-int/tower-cranes/products/top-slewing-cranes/luffing-hc-l/195-hc-lh-fem-5378438>

230 HC-L 8/16 LITRONIC - LN DATA SHEET ->

<https://assets-cdn.liebherr.com/versions/3aff7c98-17b2-49ac-b12e-8c75f4368588/original/>

230 HC-L 8/16 - PRODUCT PAGE -> <https://www.liebherr.com/en-ca/p/96170-4020303>

280 HC-L 12/24 LITRONIC - DATA SHEET ->

<https://assets-cdn.liebherr.com/versions/97aa8d36-1338-45cb-aeee-b4d761976962/original/>

280 HC-L 16/28 LITRONIC - LN DATA SHEET ->

<https://assets-cdn.liebherr.com/versions/8a48a261-ac1b-4a10-9c72-e78a76f2d773/original/>

HC-L SERIES BROCHURE ->

<https://www-assets.liebherr.com/media/bu-media/lhbu-lbc/brochures/top-slewing-cranes/luffing-hc-l/liebherr-towercranes-hc-l-series-2025-en.pdf>

HC-L RANGE - CANADA -> <https://www.liebherr.com/en-ca/tower-cranes/products/top-slewing-cranes/luffing-hc-l-4020302>

MANUALS

TOWER CRANE PORTAL ->

<https://www.liebherr.com/en-ca/tower-cranes/services/digital-solutions/tower-crane-portal-4020349>

MYLIEBHERR -> <https://www.liebherr.com/en-ca/group/about-liebherr/services/myliebherr/myliebherr-3721088>

LIEBHERR CANADA TOWER SERVICE -> <https://www.liebherr.com/en-ca/tower-cranes/services/services-4020333>