



CAPABILITY BRIEF

650-TONNE HEAVY LIFT

Lift Bigger. Deliver Smarter.



cranecorpaustralia.com.au



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OVERVIEW

Cranecorp Australia is advancing its heavy lift capability with the introduction of the Liebherr LTM 1650-8.1 – a **650-tonne mobile crane** engineered for complex, large-scale lifting across renewables, infrastructure, and mining.

This capability enables Cranecorp to support higher-value, technically demanding projects with greater efficiency, control, and certainty.



WHAT THIS MEANS FOR YOUR PROJECT

A SMARTER APPROACH TO HEAVY LIFTING – FOCUSED ON CAPACITY AND OUTCOMES:



Increased Efficiency

- > Higher lifting capacity enables larger components to be installed in fewer picks
- > Reduced crane movements and simplified sequencing
- > Shorter construction programs



Simplified Site Operations

- > Ability to replace multiple smaller cranes with a single heavy lift solution
- > Reduced site congestion and coordination complexity
- > Improved workflow across trades



Enhanced Safety

- > Fewer lifts reduce exposure to risk
- > Advanced stability and control systems support precision execution
- > Engineered lift configurations for complex environments



Commercial Advantage

- > Lower total installed cost through reduced time, labour, and equipment
- > Improved program certainty and reduced delays
- > Early engagement enables optimisation of lift strategy



TECHNICAL CAPABILITY

THE LIEBHERR LTM 1650-8.1 DELIVERS INDUSTRY-LEADING PERFORMANCE THROUGH:

- Up to 650-tonne lifting capacity
- Telescopic boom with flexible extension options
- Fly jib and luffing configurations for extended reach
- Y-guying system for enhanced lifting performance
- Variable ballast (VarioBallast) for optimised site setup

This enables efficient execution across a wide range of lift scenarios – including high-reach, heavy-load, and constrained-site applications.

APPLICATIONS

CRANECORP'S HEAVY LIFT CAPABILITY SUPPORTS:

- Wind turbine installation and maintenance
- Tower crane erection (including luffing cranes)
- HVAC and plant replacement (including chillers)
- Infrastructure and modular construction
- Mining and industrial shutdown works

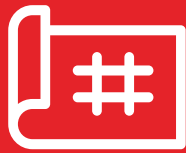


DELIVERY **APPROACH**

CRANECORP PROVIDES AN END-TO-END HEAVY LIFT SOLUTION:



Early-stage
consultation and
lift planning



Engineering-led
lift studies and
methodology



Experienced
operators and
rigging teams



Coordinated
mobilisation and
execution

Backed by the global engineering expertise of Liebherr, this ensures reliability and performance on every project.



WHY **CRANECORP**



Proven track record with high-capacity lifting



Strong presence across Western Australia



Deep understanding of complex project environments



Commitment to safety, efficiency, and precision

Cranecorp is positioned not just as a crane provider, but as a specialist heavy lift partner.

NEXT STEPS

THE GREATEST VALUE OF HEAVY LIFT CAPABILITY IS REALISED DURING PROJECT PLANNING.

Early engagement allows Cranecorp to:



Optimise lift strategies



Reduce program risk



Identify cost efficiencies



CONTACT

Lift Bigger. Deliver Smarter.

Partner with Cranecorp to deliver **safer, faster, and more efficient** project outcomes.



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