

TOWER CRANE FACT SHEET

HOW TALL IS THE CRANE?

The tower crane is approximately 40 metres tall.

HOW MUCH CAN THE CRANE LIFT?

The crane can carry up to 12 tonne at the base and 2.5 tonne at the tip. It can also lift up to 96 loads per day and the hook can travel speeds of up to 100 metres per minute.

HOW FAR CAN THE CRANE REACH?

The crane can reach up to 70 metres away from the base.

WHAT WILL THE CRANE BE LIFTING ON THE LIVERPOOL HOSPITAL SITE?

The crane will be used to build the multi-storey car park and will unload trucks and move materials around the site. This includes the lifting of materials required to build the structure, like large tools, concrete reinforcement, formwork, scaffolding, and a wide variety of building materials.

HOW LONG WILL THE TOWER CRANE BE IN LIVERPOOL?

The tower crane will be a feature of the Liverpool skyline until late 2021.

WHO CAN OPERATE THE CRANE?

The crane operator must obtain a high-risk work licence in NSW. The operator is supported by a 'dogman' who directs the crane driver via two-way radio communication. The dogman is required to secure the load to the hook of the crane and direct it into the air.

HOW DOES THE CRANE OPERATOR GET TO THE TOP?

The crane operator will climb the tower by ladder to reach the crane's cabin and operate from the top of the crane. For operator safety, the crane isn't used if a thunderstorm is in the area.

HOW DOES THE CRANE GET TO LIVERPOOL?

The crane is delivered to the site in smaller parts on trucks, which are lifted up by a mobile crane. The crane is assembled in the air and commissioned safely on the construction site. Concrete crane bases are prepared prior to the crane's arrival.

THANK YOU FOR YOUR PATIENCE AS WE BUILD THE LIVERPOOL HEALTH AND ACADEMIC PRECINCT