

TOWER CRANE FACT SHEET

HOW TALL ARE THE CRANES?

Known as Jaso J560 and Jaso J420 electric hammerhead tower cranes - Tower Crane 1 is approximately 76m tall, whilst Tower Crane 2 is approximately 60m tall. The cranes will have suitable lighting to ensure they can be seen at night by helicopters needing to land at the Hospital.

HOW MUCH CAN EACH CRANE LIFT?

Each crane can lift up to 24 tonnes up close. Tower crane 1 can lift up to 7 tonnes at maximum reach (65m), whilst Tower Crane 2 can lift up to 5 tonnes at maximum reach (65m).

HOW FAR CAN EACH CRANE REACH?

Each crane has a maximum reach of 65m. The cranes can be set to ensure the rotation of the boom does not interfere with existing buildings or each other.

WHAT WILL THEY BE LIFTING ON THE CAMPBELLTOWN HOSPITAL SITE?

The tower cranes will be used to unload trucks and move materials around the site. This includes the lifting of materials required to build the structure like formwork, reinforcement, structural steel and scaffolding. The cranes may also be used to lift major pieces of equipment into the plantrooms on the higher levels of the building.

HOW LONG WILL THE TOWER CRANES BE IN CAMPBELLTOWN?

The tower cranes will be a feature of Campbelltown skyline until early to mid 2021 .

WHO CAN OPERATE THE CRANES?

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 2-way radio communication. The dogman is required to secure the load to the hook of the crane and direct into the air.

HOW DOES THE CRANE OPERATOR GET TO THE TOP?

The crane operators will climb the tower by ladder to reach the cranes cabin and operate from up at the top of the crane. For operator safety, the cranes are not to be used if a thunderstorm is in the area.

HOW DID THE CRANES GET TO CAMPBELLTOWN?

The cranes were delivered to site in smaller parts on trucks. The crane parts were lifted up by a mobile crane and the cranes assembled in the air and commissioned (checks to make sure all is safe) on the construction site. Concrete crane bases were prepared prior to the cranes arrival.

