



RRS
RESOLUTION
RIGGING SERVICES

Looking At Life Through The Cabin Window



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Capability Statement

Resolution Rigging Services Pty Ltd (RRS) will be celebrating their 25th year of operation. We are a family-owned business that offers many services for materials handling on construction sites.

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RRS has a diverse range of Liebherr and Favelle Favco tower cranes, ranging from 6 tonne capacity up to 96 tonne capacity with jib radius's of up to 83 metres. What makes our fleet beneficial for the client is that we offer both electric powered cranes and diesel type cranes, these being the best 2 brands of cranes in the world for each model type.

Our Liebherr electric type tower cranes are German made by the largest tower crane manufacturing company in the world. Liebherr has developed technology, so their tower cranes require the least amount of power in each class compared to their competitors. Liebherr pride themselves on performance of their crane which are undoubtedly one of the most reliable cranes in their class.

Favelle Favco diesel type cranes have built 9 out of the 10 tallest buildings in the world. Favelle Favco tower cranes are extremely fast and have large lifting capacity winches. The cranes' ability to lift heavy loads at speeds of double to triple the speed of the fastest electric cranes makes them ideal for any high-rise building site. The cranes refuel themselves via a diesel tank lifted by the crane and the only power supply required is 240V circuit to run aviation lights, air conditioner for the driver, two-way radios, and any client advertising signage on the crane.



RRS can confidently supply and operate tower cranes from a single storey building to a large high-rise building whether it be free-standing, external climbing systems or internal climbing systems. We have never been more confident in large-scale projects. RRS provides a clear and transparent approach when it comes to all aspects of our scope of works.

Providing our clients with the most reliable equipment to ensure the smooth and safe completion of every project. We not only supply tower cranes but also retractable loading platforms, ancillary equipment such as brick cages, pallet/brick cages, first aid rescue cages, oxy craneable cages, materials handling cages, 4t sky decks, man boxes, lifting chains, licensed two-way radios, spreader bars, off-set lifting beams, crane crew personnel and licensed operators.

We have a large and diverse list of clients. They range from small residential builders to large commercial builders.

Some of our major clients are



Featured Projects

South Village



This \$430 Million project was a statement project for RRS. This 7-tower project was a great success for us. RRS was engaged at ECI and assisted with the planning and development for all the tower cranes to manage the materials handling requirements.

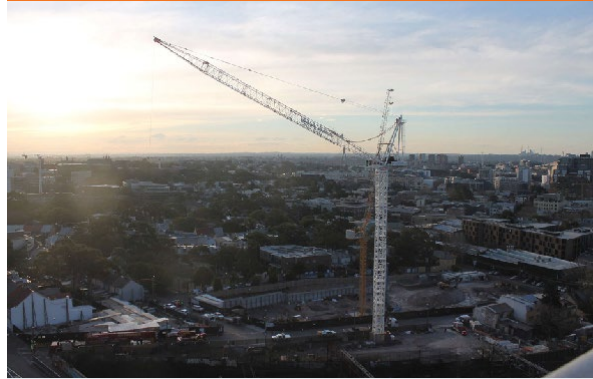
Tower Cranes used on the project

- 4 X Liebherr 280EC-H Litronic Tower Cranes with 75metre jib radius on each crane
- This project went for just 4 days shy of 3 years for the tower cranes. The cranes were monitored for their performance throughout the job.

The data showed

- 22 hours of breakdown time amongst all 4 tower cranes over 3 years, which only equated to 1.8 hours per crane per year. This was a remarkable accomplishment to all involved.
- Incident and injury free project on RRS's behalf.

Col James Student Accommodation



This 22-storey tower beside Redfern station is another project to highlight RRS's commitment to the safety and efficiency of the tower crane.

RRS was engaged early to assist in the planning of materials handling on the project due to the rail corridor bordering the boundary fence of the project.

We offered our Favelle Favco 1000E MKII diesel luffing type tower crane to ensure the jib wouldn't encroach the rail corridor and the site didn't have sufficient power supply to run an electric luffing tower crane.

Tower Cranes used on the project

- Favelle Favco 1000E MKII, 62 metre radius

The Showground Precinct



Tower Cranes used on the project

- Liebherr 355HCL, Favelle Favco M235DXF, M220DX and M380D Luffing Tower Cranes
- This project is ongoing, however The Ashford (pictured in the background) was completed in April 2024

Tallawong Precinct



Tower Cranes used on the project

- 2 x 280ECH and 200ECH Hammerhead Liebherr Tower Cranes along with our 172ECB Flat Top Liebherr Tower Crane.
- Pictured is Stage 1 (now complete) and Stage 2 (ongoing), with Stage 3 commencing in September 2024

ECHIDNA Data Centre



Tower Cranes used on the project

- Favelle Favco M630D and M860DX MKII Luffing Tower Cranes
- This project is ongoing

Kemps Creek SYD05 and SYD06 Data Centres



Tower Cranes used on the project

- 4 x 280ECH Hammerhead
- 1 x 470EC-B Liebherr Tower Cranes
- This project is ongoing,

RRS Projects

Client:



RRS is proud to be able to deliver seamless material handling with our tower cranes and crew to ADCO. Below are our most recent projects.

Projects: Griffith Base Hospital Redevelopment – The tower supplied and operated by our crew was a Liebherr 280EC-H tower crane with 75m boom;

Newly Refurbished Parramatta Police Station - The tower supplied and operated by our crew was a Liebherr 160HC-L tower crane with 50m boom;.

Upgrade to Castle Hill Public School – The tower supplied and operated by our crew is a new acquired Liebherr 340EC-B 16 with 75m boom.

Client:

A W EDWARDS

RRS have been able to assist AW Edwards on several community and commercial projects with our tower cranes, experienced crew and ancillary equipment. Below are our most recent projects.

Projects Edmondson Park Commuter Carpark – The towers supplied were our Favelle Favco M380D with 55m boom and Liebherr 160HC-L with 50m boom.

Edmondson Park North Commuter Carpark – The tower cranes supplied were 2 x Liebherr 355HCL with 50m boom and operated by our crew

SYD05/06 Microsoft Data Centre in Kemps Creek – A total of 5 Liebherr Tower Cranes will be erected across this project. 4 x 280ECH and our new 470EC-B.



RRS have been involved in many projects with Deicorp. Below are our most recent

Projects: The Ashford, Castle Hill – The tower cranes supplied and operated by our crew were Favelle Favco M380D and M220DX

Tallowong Village – Stage 1 The towers cranes supplied and operated by our crew were our Liebherr 172ECB and 280ECH. Stage 2 The towers cranes supplied and operated by our crew is Liebherr 200ECH and 280ECH. Stage 3 The towers cranes to be supplied will be Liebherr 280ECH and 172ECB.

The Showground Precinct - The towers cranes supplied and operated by our crew is Favelle Favco M235DXF and M380D with Liebherr 355HCL. The M235DXF was dismantle and replace with our larger M380D on a grillage base. Both our M380D and 355HCL have undergone climb and ties during the construction progress.

Melrose Park Central Towers – The towers cranes to be supplied on this project will be our Liebherr 280ECH and 340ECB.



RRS is currently engaged with Dasco on a new Residential Community project in St Leonards

Projects: The Newlands, St Leonards – The tower cranes supplied and operated by our crew is 2 of our Liebherr Luffing Tower Cranes, 280HCL and 355HCL



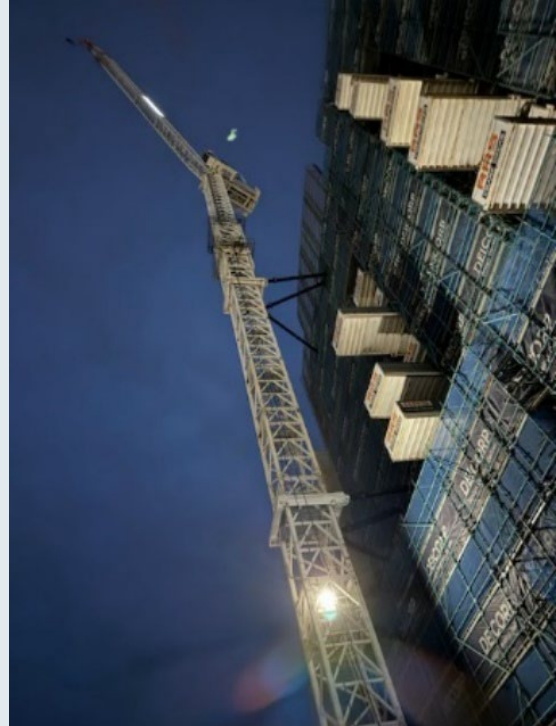
RRS have been involved in many projects with Taylor Constructions. Below is our most recent

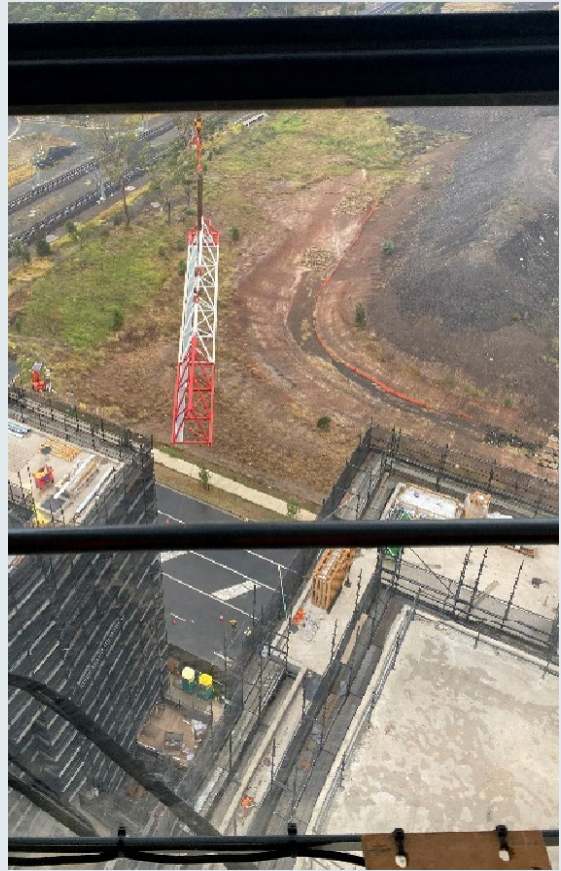
Projects: ECHIDNA SYD057 Data Centre – The tower cranes supplied and operated by our crew is our Favelle Favco M630D and brand new M860DX MKII Luffing Tower Cranes

Erection, Dismantle and Climbing of TowerCranes

Tony Noronha, the director of RRS is still an active member of the erection, dismantle and climb team as the rigging supervisor

And with Over 900 erections and dismantles completed to date you can be confident with his wealth of knowledge and experience; a professional and transparent approach is always a focus of ours.





Crane operators and Dogmen

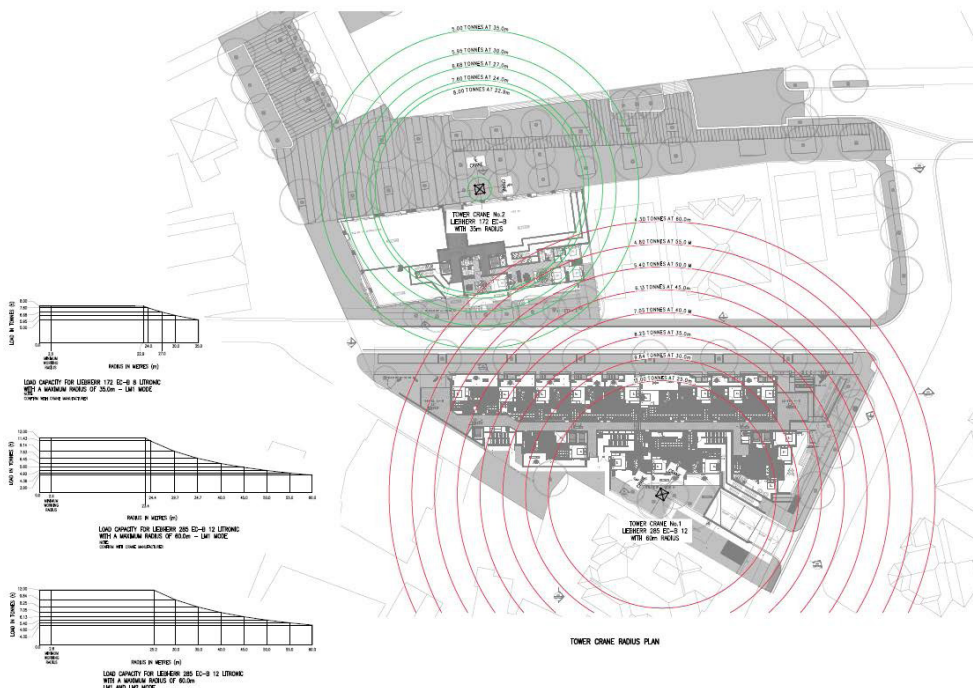
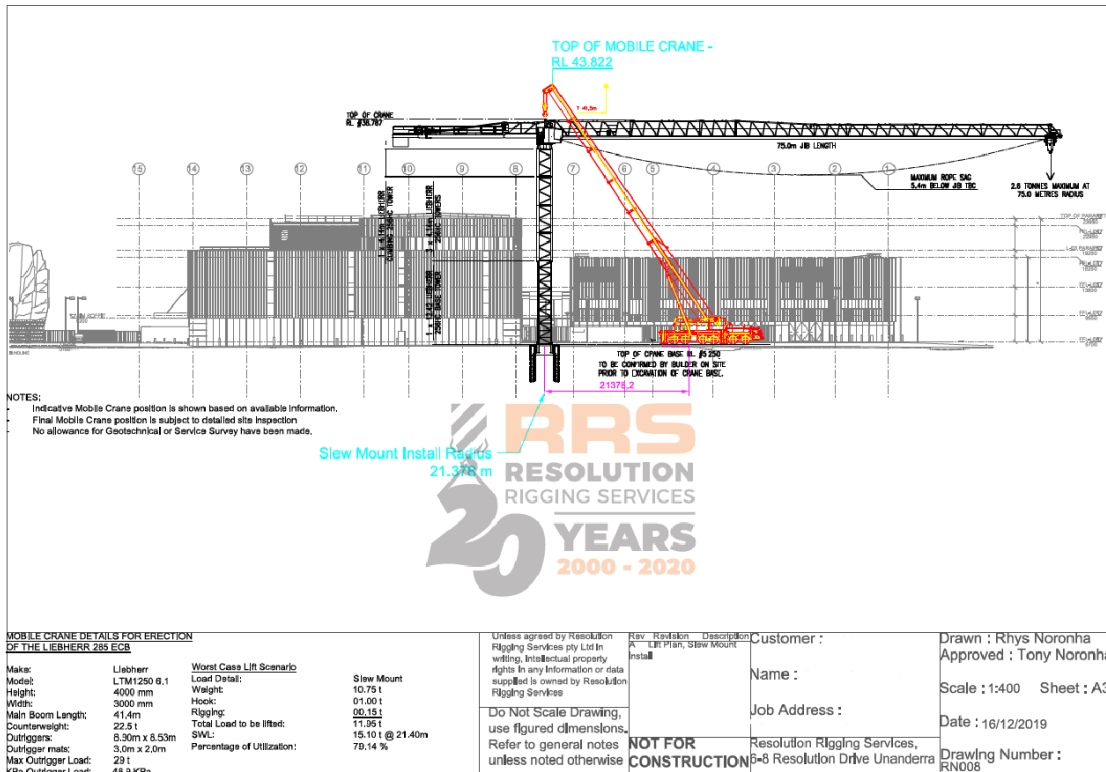
Crane crews are not only the core of our business but feel as though they are the core of the project.

All our crews we send to site are approachable, forward thinking, and hard working.



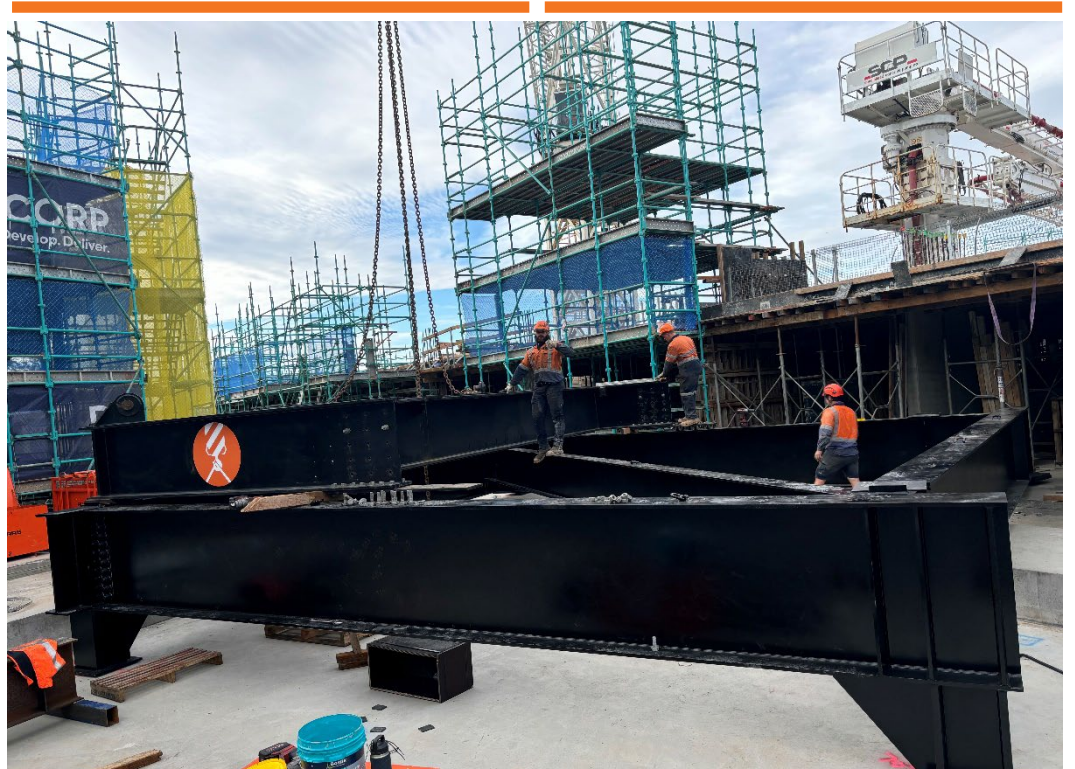
Drawings

RRS can provide all types of engineer drawings. Whether it's for a construction management plan, general information or a lift plan, elevations or radius plan.



Engineering

RRS can engage engineers to tailor the most beneficial and cost-effective solution for each project, such as typical gravity crane bases, specific-designed steel grillage members to support our cranes on suspended floors to designing crane ties.



Crane Decks retractable loading platforms



RRS now have counter levered crane deck Loading platforms with 2 sizes of 2.2 metres wide or 3.2 metres wide and are ideal to land materials on each floor level during construction.

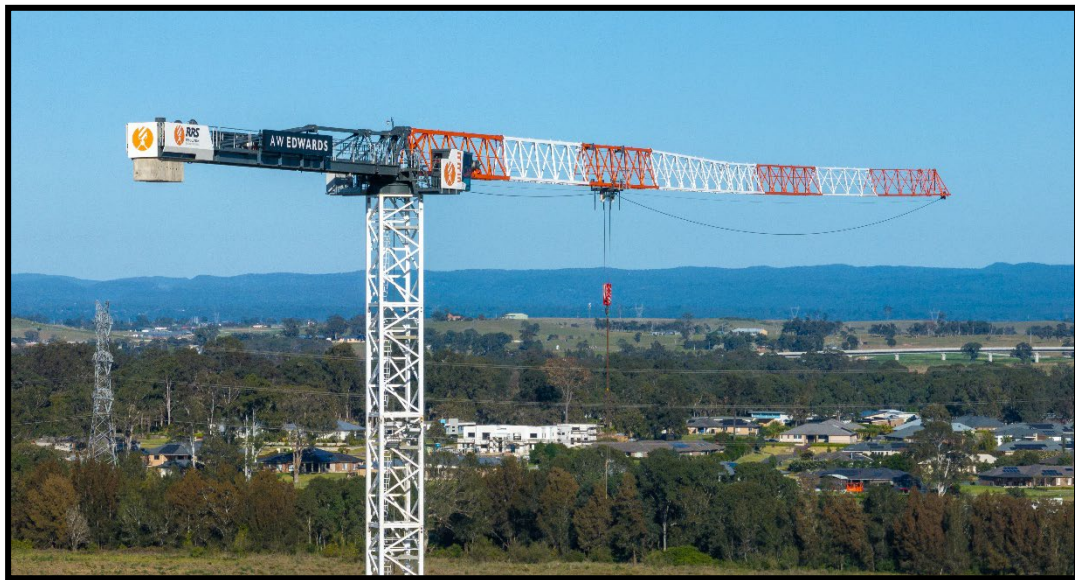


Our Fleet of Liebherr Hammerhead and Flat Top Cranes



Liebherr 470EC-B 20

Free standing 96.5m high and with 83m Jib radius



Liebherr 340EC-B 16

Free standing 84m high and with 78m Jib radius





Liebherr 280EC-H 12 Litronic

Free standing 68.5m high and with 75m Jib radius



Liebherr 200EC H 10

Free standing 64.5m high and with 60m Jib radius





Liebherr 172EC B 8

Free standing 71.5m high and with 60m Jib radius



Liebherr 132EC H 8

Free standing 71m high and with 55m jib radius





Liebherr 130EC-B Fr-tronic 8

Free standing up to 79m high and with 55m jib radius



Liebherr 100LC 6

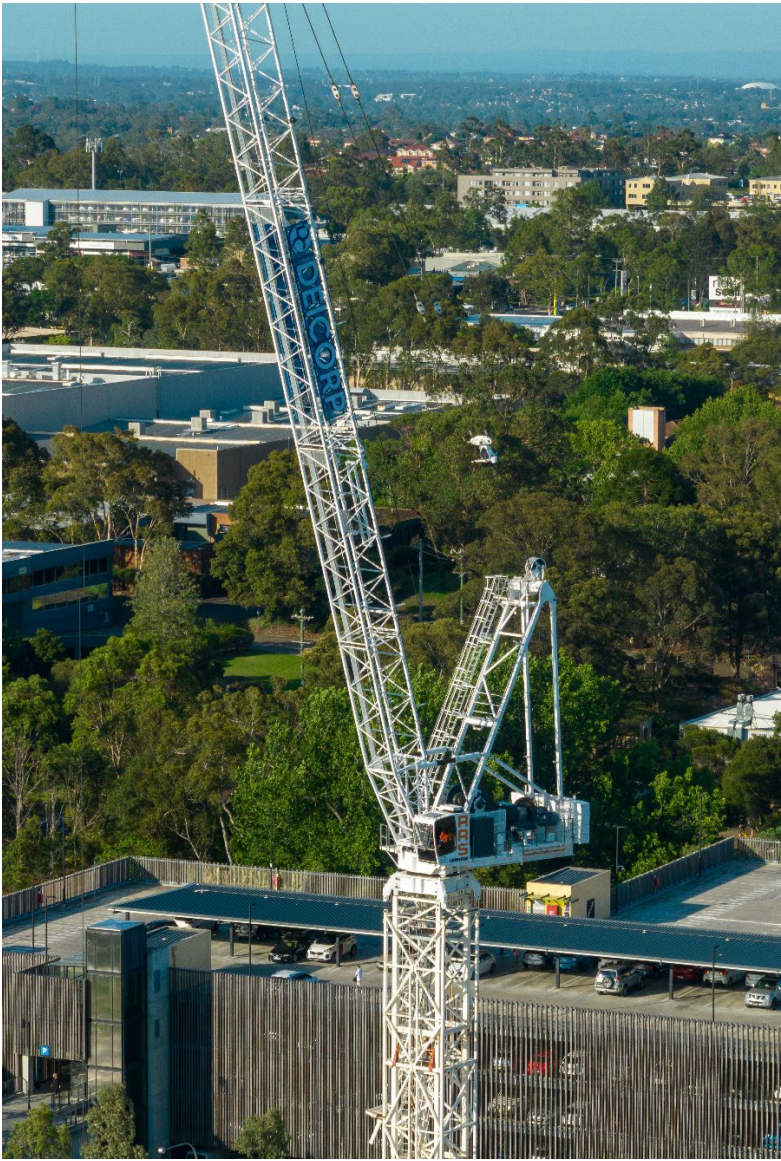
Free standing up to 44m high and with 50m jib radius



Our Fleet of Liebherr Luffing Cranes



Liebherr 355HC-L Litronic
Free standing up to 70m and with 60m jib radius





Liebherr 280HC-L Litronic

Free standing up to 61.8m and with 60 jib radius





Liebherr 160HC-L Litronic

Free standing up to 70m and with 55m jib radius



Our Fleet of Favelle Favco Luffing Cranes



Favelle Favco M860DX

Free standing up to 64m and with 82.6m jib radius.



Favelle Favco M630D

Free standing up to 60m and with 72m jib radius.





Favelle Favco M390D

Free standing up to 48.8m with 72m jib radius



Favelle Favco M380D

Free standing up to 48 m with 62 m jib radius





Favelle Favco 1000E MKII

Free standing up to 51m and with 62m jib radius



Favelle Favco M235DXF

Free standing up to 52m and with 60m jib radius.





Favelle Favco M220DX

Free standing up to 52m and with 60m jib radius.



Our fleet of crane deck retractable loading platforms:



Platforms 2200mm wide

Platforms 3200mm wide



Ancillary equipment:



Brick cages

Concrete kibble 1m³ and 1.5m³

First aid crane rescue cages

Material lifting cages

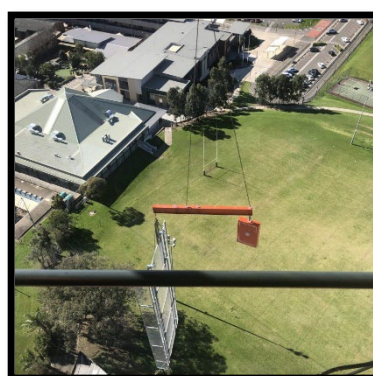
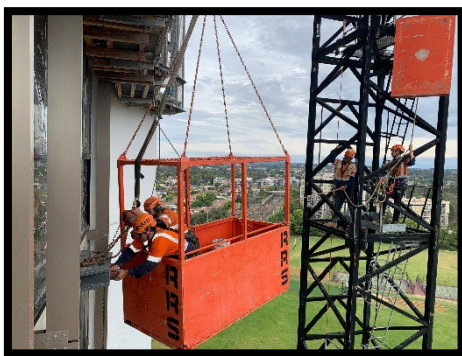
4t sky decks 4.5m x 2m material cages

Spreader bars of various sizes and capacity

Offset lifting beams of various sizes and capacities

Lifting chains, slings, shackles, precast lifting clutches

Licensed two-way radios for the crane and crew communications



Resolution Rigging Services Sponsorships:



RRS
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RRS Sponsor Dapto Cricket Club

Resolution Rigging Services Pty Ltd has been a major and proud sponsor of Dapto Cricket Club for over 14 years now. Our sponsorship towards Dapto Cricket Club has allowed the club to continuously upgrade and purchase equipment to ensure that all players are kitted out with the best gear to enjoy the game of cricket. It's important to support our local sporting clubs that provide playing opportunities and facilities for our kids in our local communities. Dapto Cricket Club established since 1857 and RRS are proud to partner with our local cricket club.



Comaraderie



RRS supports a positive work environment which shows through the knowledgeable and hardworking crews we send to site



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