

MARR

SPECIALIST SOLUTIONS FOR HIGH-RISE CONSTRUCTION

MARR CONTRACTING
ARE WORLD LEADERS
IN THE DESIGN AND
DELIVERY OF HEAVY LIFT
CRANES AND COMPLEX
CRANAGE SOLUTIONS.

Not just a crew and cranes for hire, we're big thinkers and problem solvers who love a challenge with a string of 'world firsts' to our name – including the design of the world's largest capacity tower crane, the 330-tonne capacity M2480D heavy lift luffing (HLL) crane.





OUR UNIQUE APPROACH

DELIVERING VALUE THROUGH THE UNIQUE COMBINATION OF OUR KNOWLEDGE, EXPERIENCE, PROVEN SERVICE DELIVERY AND PEOPLE, WE WORK WITH YOU TO FIND AN ENGINEERING SOLUTION THAT WORKS – NO MATTER HOW BIG OR COMPLEX THE JOB IS.

Through early engagement we can work with you to develop innovative solutions that are specific to your project and deliver the best outcome for your preferred construction methodology.

And with a belief that anything is possible, we push the boundaries to deliver solutions that:

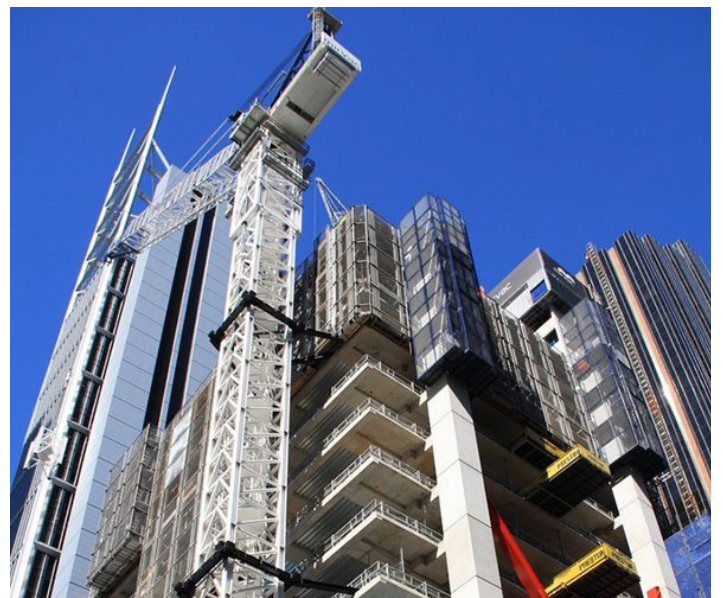
- de-risk construction
- reduce complexity, time & cost
- improve safety.



THE KEY TO ACHIEVING MAXIMUM EFFICIENCY IS EARLY ENGAGEMENT WITH US – AND THE EARLIER THE BETTER.



**SIMON MARR, MANAGING DIRECTOR,
MARR CONTRACTING**





UNIQUE FEATURES & BENEFITS

SPECIALIST SOLUTIONS FOR THE HIGH-RISE CONSTRUCTION SECTOR

MARR'S INNOVATIVE CRANAGE SOLUTIONS HAVE REVOLUTIONISED HIGH-RISE CONSTRUCTION. BEST DEVELOPED THROUGH EARLY ENGAGEMENT TO ADDRESS THE SPECIFIC REQUIREMENTS OF A PROJECT, OUR APPROACH AIMS TO SAFELY ACCELERATE CONSTRUCTION AND RELEASE FINAL BUILDING ELEMENTS FOR COMPLETION AS QUICKLY AS POSSIBLE.

Leveraging the benefits of Marr's cranes on a high-rise project can facilitate significant improvements to time, cost and safety performance by:

- Enabling designers to use much larger components to minimise temporary works;
- Allowing larger precast sections and prefabricated structural steel trusses to be erected in single lifts;
- Providing greater capability to reduce the number of lifts, deliveries and resources onsite leading to faster construction with fewer crane;
- Informing building designers of what temporary loads they need to incorporate into the permanent works of the building; and
- Informing the supply chain on how they need to plan for their deliveries and lifting requirements across the project.

- Increased availability & ability to operate in high wind speeds – all Marr cranes are rated to operate in wind speeds of up to 20 m/s
- Internal 3 beam climbing system that can climb the crane 20m in under 2 hours – dramatically reducing the time lost to interactions with other trades
- Recovery Crane System that opens up the back end of the program with new options for how the last crane onsite can be removed
- Stiffer towers increase free standing height, reducing building ties by up to 50%. Building ties can also be positioned on floor slab edge allowing building to be airtight earlier in schedule
- High-speed winches combined with high lifting capacity increases the amount of material that can be lifted onto the project per shift
- HVO100-compatible - up to 90% reduction in CO2 emissions when using 100% renewable diesel.





FROM A CONSTRUCTION POINT-OF-VIEW THIS WAS A UNIQUELY CHALLENGING PROJECT, BUT OUR PARTNERS AT MARR HAD AN INNOVATIVE APPROACH THAT ALIGNED WITH OUR PREFERRED CONSTRUCTION METHODOLOGY.



**GREG MUNDAY, VICE PRESIDENT –
DESIGN & CONSTRUCTION, CROWN RESORTS**

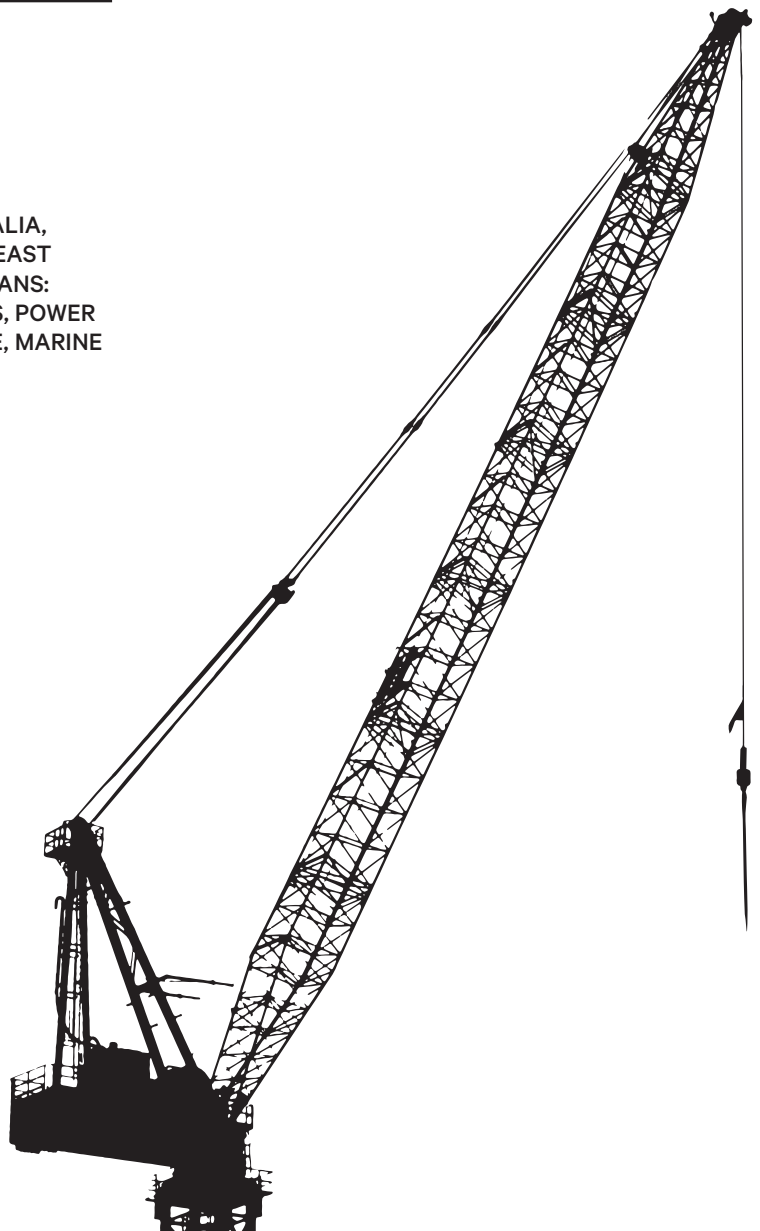


EXPERTISE

WITH ALMOST 100 YEARS' EXPERIENCE WORKING ON LARGE-SCALE CONSTRUCTION PROJECTS IN AUSTRALIA, THE MIDDLE EAST, EUROPE, LATIN AMERICA, SOUTHEAST ASIA AND THE UNITED KINGDOM, OUR EXPERTISE SPANS: LARGE-SCALE CONSTRUCTION, MINING, OIL AND GAS, POWER GENERATION, MAJOR TRANSPORT INFRASTRUCTURE, MARINE AND TECHNOLOGY.

OUR SERVICES INCLUDE:

- resourced program & project crane solutions
- heavy lift crane solutions & design
- heavy lifting mobile & luffing tower cranes hire
- crane asset management
- recovery crane systems
- complete rigging services with highly qualified & experienced personnel
- engineered lift studies & job site lift planning
- a full range of towers, static & travel bases, internal & external climbing frames, grillages & other accessories.





OUR FLEET

OUR FLEET OF THE WORLD'S LARGEST CAPACITY TOWER CRANES – RANGING FROM THE WORLD'S SMALLEST CRANE, THE TINY M40R, TO THE WORLD'S LARGEST CAPACITY TOWER CRANE, THE M2480D – COMBINES THE LIFTING CAPACITY OF MOBILE AND CRAWLER CRANES WITH THE HIGH PERFORMANCE OF TOWER CRANES.

Our fleet of heavy lift cranes have been developed over more than 50 years' experience working on high-rise construction with a view to constantly improving the products we offer to our clients.

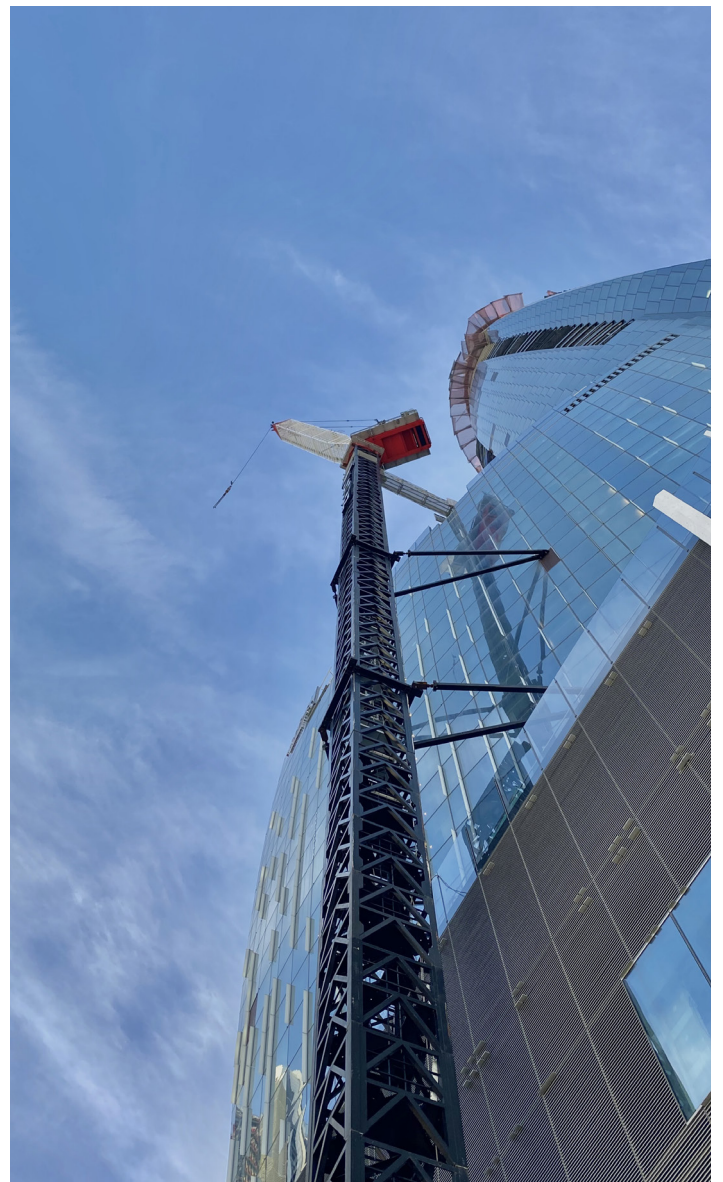
As part of our commitment to sustainability, all Marr cranes are compatible with renewable diesel (HVO100).



WE DON'T JUST HIRE
CRANES – WE DESIGN THEM.
SO, IF THE RIGHT CRANE FOR
YOUR JOB DOESN'T ALREADY
EXIST, WE'LL BUILD ONE.



SIMON MARR, MANAGING DIRECTOR,
MARR CONTRACTING





OUR CRANE RECOVERY SYSTEM

DEVELOPED IN CONJUNCTION WITH OUR CRANE MANUFACTURERS, FAVELLE FAVCO, OUR SYSTEM FOR DISMANTLING AND REMOVING TOWER CRANES FROM HIGH-RISE PROJECTS IS AN ALTERNATIVE APPROACH TO THE MORE TRADITIONAL METHOD USING STIFFLEG DERRICKS CRANES.

Reducing schedule risk for our clients by taking the crane interface at the back end of a project off critical path, our recovery system provides the flexibility to remove the crane at the completion of the project or handover earlier with the recovery crane still in place. This allows the main construction crane to remain on the project in a rooftop location where it has little to no effect on the finishings of the project – taking much of the angst out of the final stages of construction, especially around the commercial aspects of the project.




Our recovery fleet – including the M20R, M40R, M60R and M120R – provides all the advantages of the heavy lifting cranes used to construct a project in terms of unrestricted slew, speed and lifting capacity; but also offers a simpler, safer and more cost-effective alternative to the traditional method of climbing a crane back down the external face of the building.

And, if built into design of structure can be reused for rooftop plant replacement.



MARR CONTRACTING PTY LTD

P +61 (2) 9738 5533 (AUSTRALIA)
M +44 7930 271 791 (UNITED KINGDOM)
E INFO@MARR.COM.AU
MARR.COM.AU

 [marr-contracting](https://www.linkedin.com/company/marr-contracting)
 [@marr_contracting](https://www.instagram.com/marr_contracting)
 [vimeo.com/user41811335](https://www.youtube.com/user/41811335)