



**MARR**

# SPECIALIST SOLUTIONS FOR STADIA 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:

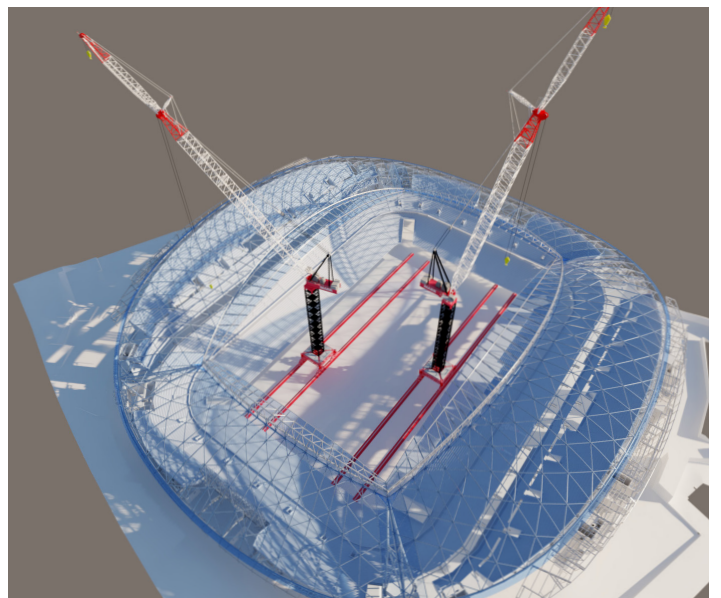
- de-risk construction
- reduce complexity, time & cost
- improve safety.



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



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





# SPECIALIST SOLUTIONS FOR STADIA CONSTRUCTION

**BY REMOVING COMPLEXITY FROM STADIUM CONSTRUCTION, OUR INNOVATIVE APPROACH TO CRANEAGE AIMS TO IMPROVE PRODUCTIVITY BY INCREASING EFFICIENT ACCESS TO MULTIPLE WORK FRONTS, WHILST AT THE SAME TIME REDUCING THE TOTAL NUMBER OF CRANES ON A PROJECT.**

Our solutions aim to accelerate construction by reducing the number of critical path lifts required by:

- Providing the capability to lift larger precast and structural steel components
- Increasing the capacity to lift larger and heavier pre-assemblies and modules
- Removing the interface between crane location and playing field construction.

## UNIQUE FEATURES & BENEFITS

Leveraging the benefits of Marr's cranes on a project can facilitate significant improvements to programme time, cost and safety performance.

- Fewer lifts provide the opportunity to decrease temporary works, reducing the need for working at height which can reduce the risk of time and cost overruns to schedules
- Our long reach capability offers improved access to lay-down and pre-assembly areas without additional craneage or the additional time for transferring loads to the construction crane
- The option to position tower crane on rails or at cardinal points minimises congestion
- The small footprint of the tower cranes at cardinal points decongests the site area and improves access to lay down and pre-assembly areas
- Ability to operate in high wind speeds – our tower cranes are rated to operate in winds of up to 20 m/s, compared to crawler cranes which are rated to operate at just 10 m/s. This increased availability significantly improves utilisation and productivity
- Decongest the inner surface area of the stadium so it can be used to pre-assemble rather than host the cranes to construct.



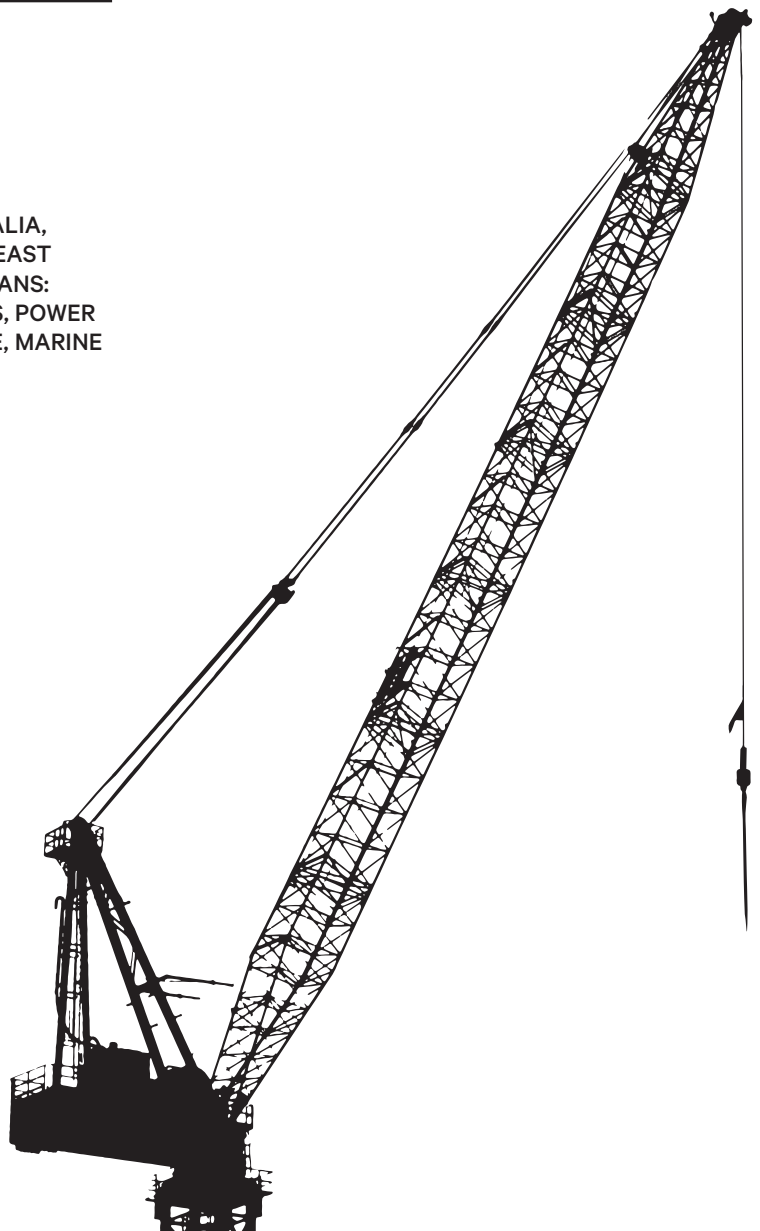


# EXPERTISE

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.

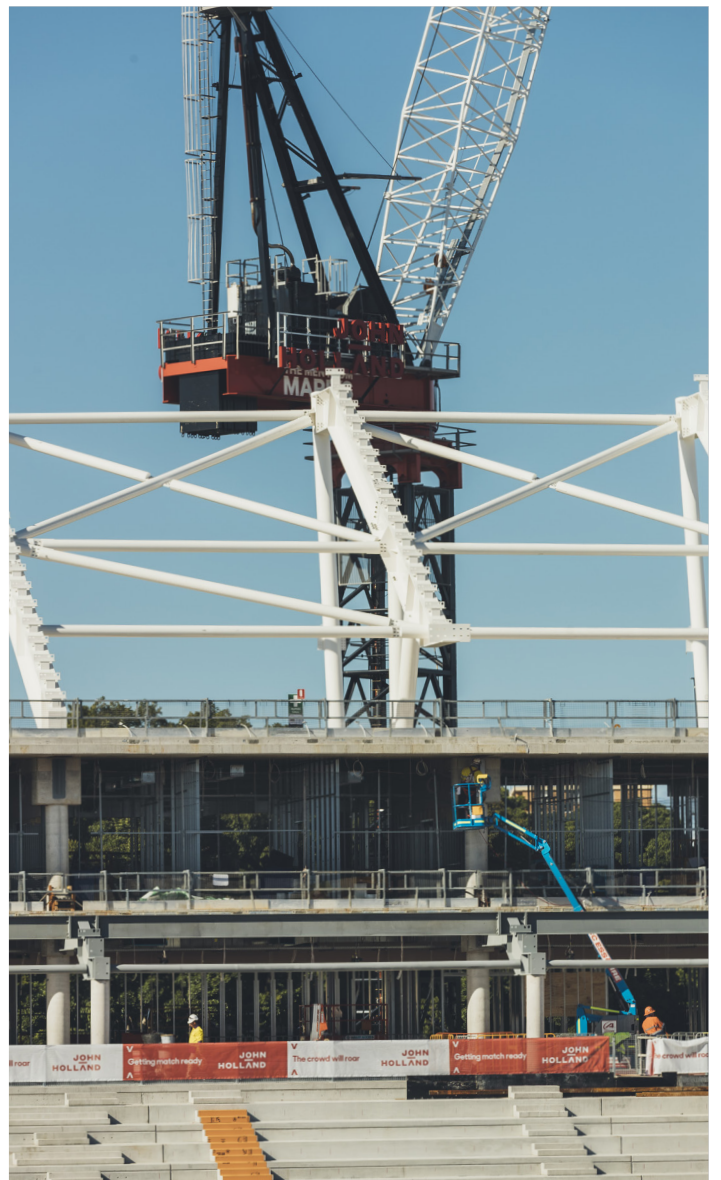
As part of our commitment to sustainability, all Marr cranes are compatible with renewable diesel (HVO100).



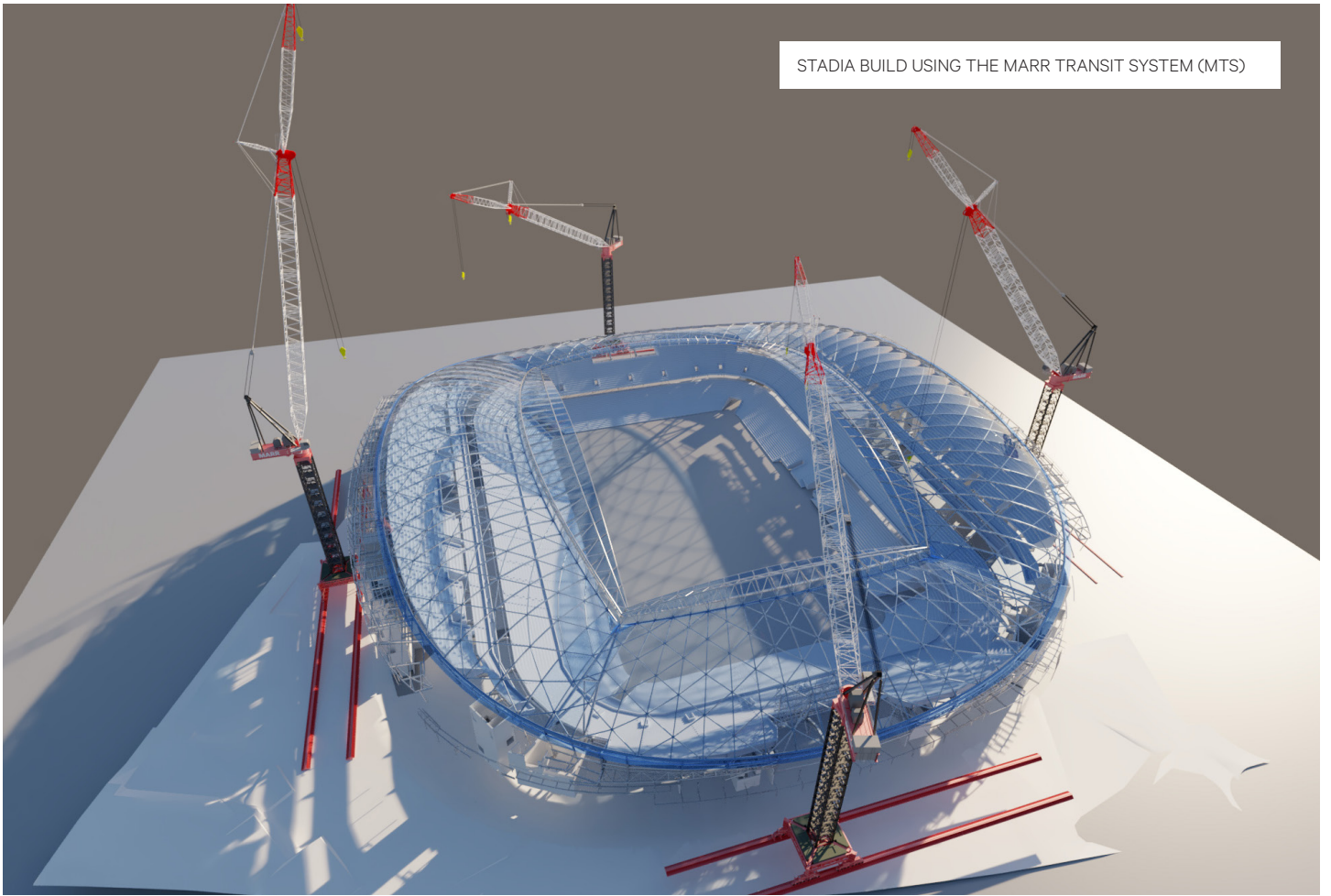
WE DON'T JUST HIRE CRANES – WE DESIGN THEM. SO, IF THE RIGHT CRANE FOR YOUR JOB DOESN'T ALREADY EXIST, WE'LL BUILD ONE.



SIMON MARR, MANAGING DIRECTOR,  
MARR CONTRACTING



STADIA BUILD USING THE MARR TRANSIT SYSTEM (MTS)



# MARR TRANSIT SYSTEM (MTS)

Extending the reach and capacity of Marr's fleet, the MTS is a modular rail system that provides full crane capability with minimal ground preparation. Ideally suited to longitudinally orientated projects, the MTS offers:

- increased site coverage with minimum impact on space
- a reduction in the number of cranes required, removing site bottlenecks & reducing the need for de-rigs and re-rigs
- superior positioning of crane solutions compared to traditional cranes, avoiding the need to decommission and move cranes as the build continues.



REDUCES SITE CONGESTION & COMPLEXITY



EXTENDS THE REACH & COVERAGE OF MARR'S FLEET




IMPROVES SAFETY

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