



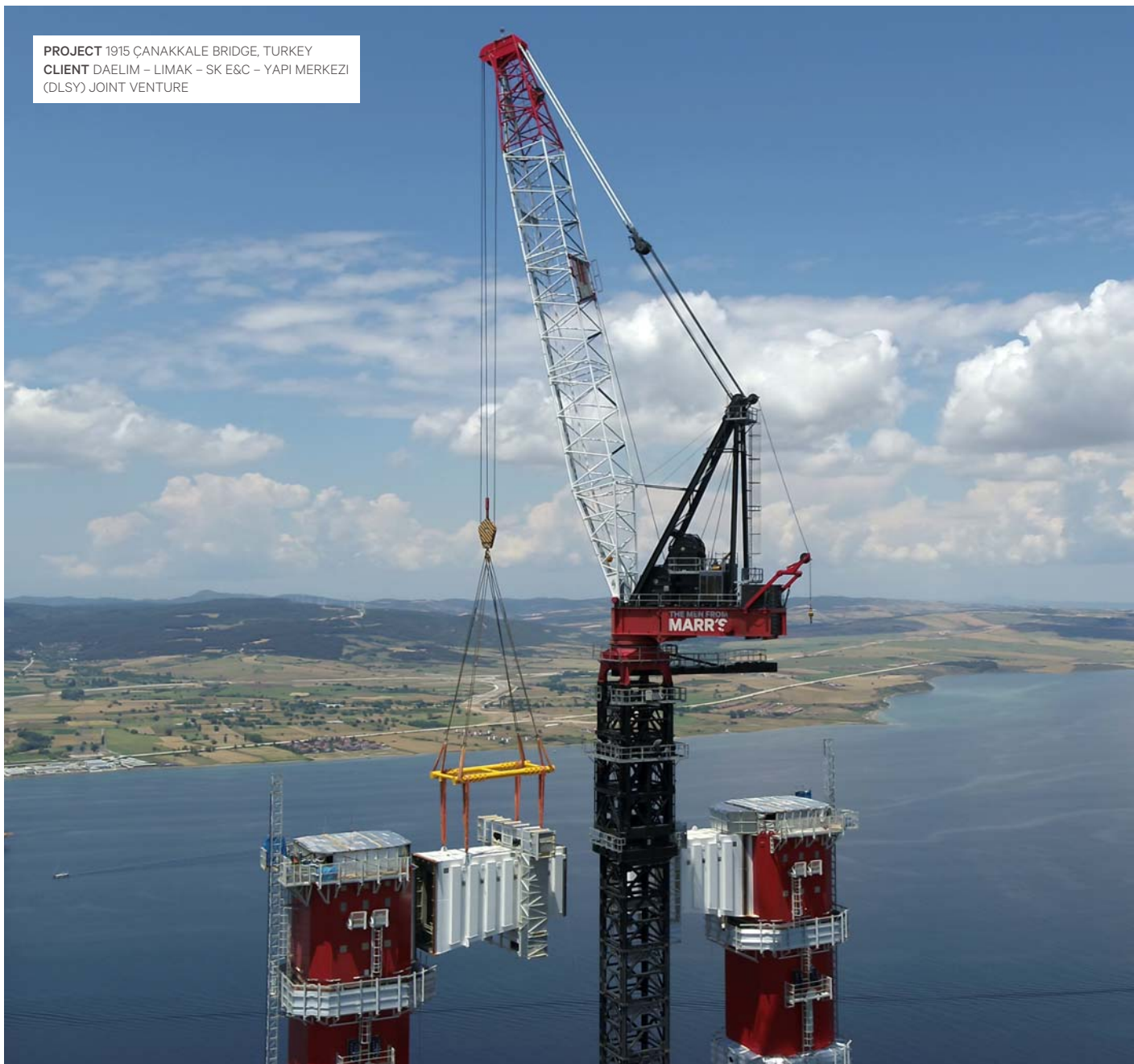
NO PROBLEM IS TOO BIG FOR US

MARR CONTRACTING
(‘THE MEN FROM MARR’S’) ARE
WORLD LEADERS IN THE DESIGN
AND DELIVERY OF HEAVY
LIFT CRANES AND COMPLEX
CRANEAGE 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 M24-80D Heavy Lift Luffing (HLL) crane.

**THE MEN FROM
MARR’S**

PROJECT 1915 ÇANAĞKALE BRIDGE, TURKEY
CLIENT DAELIM – LIMAK – SK E&C – YAPI MERKEZI (DLSY) JOINT VENTURE



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.

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

- De-risk construction
- Reduce complexity, time and cost
- Improve safety



PROJECT SYDNEY METRO – CASTLE HILL STATION
CLIENT NORTHWEST RAPID TRANSIT (NRT) CONSORTIUM



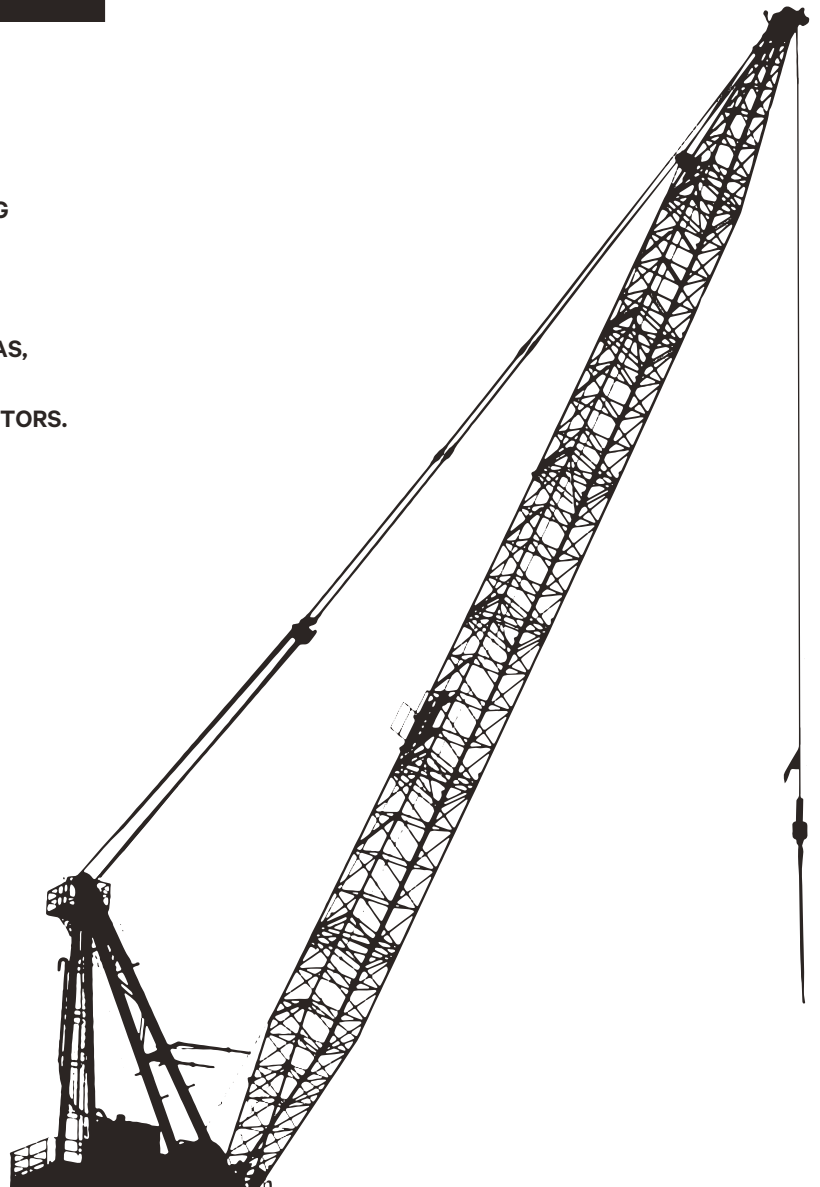
PROJECT EAST ROCKINGHAM WASTE-TO-ENERGY
PLANT, WESTERN AUSTRALIA
CLIENT ACCIONA GEOTECH

EXPERTISE

WITH MORE THAN 90 YEARS' EXPERIENCE WORKING ON LARGE-SCALE CONSTRUCTION PROJECTS IN AUSTRALIA, THE MIDDLE EAST, EUROPE AND THE UNITED KINGDOM, OUR EXPERTISE SPANS THE LARGE-SCALE CONSTRUCTION, MINING, OIL AND GAS, POWER GENERATION, MAJOR TRANSPORT INFRASTRUCTURE, TECHNOLOGY AND MARINE SECTORS.

OUR SERVICES INCLUDE:

- Resourced programme & 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 – COMBINE THE LIFTING CAPACITY OF MOBILE AND CRAWLER CRANES WITH THE HIGH PERFORMANCE OF TOWER CRANES.

Our fleet includes mobile and tower cranes for hire on high-rise and general construction jobs, but it is our heavy lifting craneage solutions and the way we approach a job that sets us apart.

UNIQUE FEATURES & BENEFITS

High lift capacity – capable of lifting 330T (M2480D) to:

- enable increased modularisation and installation of larger pre-assembled structures, therefore requiring fewer major lifts
- decrease temporary works and reduce the need for working at height

Long reach capability – boom lengths of up to 120m helps to:

- reduce congestion by needing fewer cranes
- overcome the impact of delayed plant deliveries by facilitating out of sequence plant installation
- mitigate the need to relocate cranes, removing the necessity to integrate crane movements into project critical path

Heavy and high-volume lifting:

- increases productivity as tower cranes operate quicker than equivalent capacity crawler cranes
- opens up multiple work fronts using the same crane

Small base footprint:

- Frees up valuable laydown areas and transport routes
- Free standing height of up to 76m
- Full climb capability for externally climbed crane

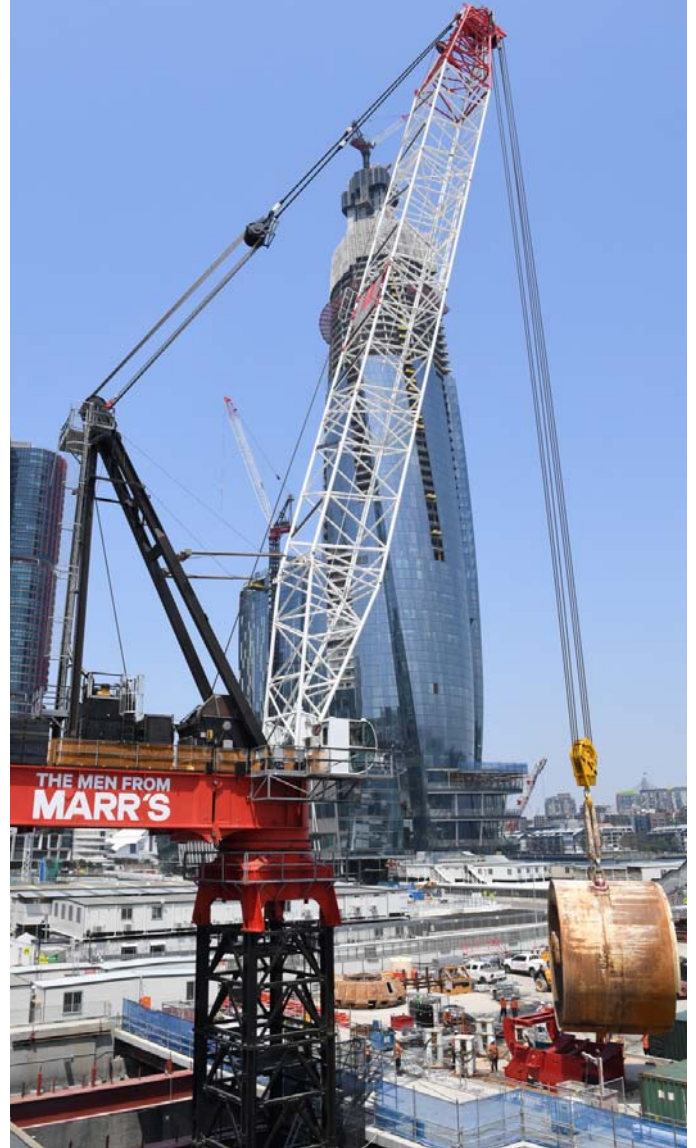
Ability to operate in higher wind speeds:

- operational in wind of up to 20 m/s (compared with 10m/s for similar capacity crawler cranes)
- increased availability helps to significantly improve utilisation and productivity
- reduced risk to schedule

Crane removal – a fleet of recovery cranes (M60R, M40R & M20R) to dismantle internally climbed construction cranes and final exit via lift shaft

Marr Transit System (MTS) – modular rail system that extends longitudinal reach with no loss of capacity – fully operational between site limits

PROJECT SYDNEY METRO – BARANGAROO STATION
CLIENT JOHN HOLLAND CPB GHELLA (JHCPBG) JOINT VENTURE



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





SPECIALIST SOLUTIONS FOR MAJOR INFRASTRUCTURE PROJECTS

OUR UNIQUE APPROACH TO CRANEAGE SOLUTIONS FOR MAJOR INFRASTRUCTURE AND LARGE-SCALE CONSTRUCTION PROJECTS COVERS:

- Major transport infrastructure including bridges & railway stations
- Oil & gas
- High-rise construction
- Waste-to-energy & major power plants
- Stadia construction

LEVERAGING THE BENEFITS OF MARR'S CRANES ON A PROJECT CAN FACILITATE SIGNIFICANT IMPROVEMENTS TO PROGRAMME TIME, COST AND SAFETY PERFORMANCE 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 complexity
- Reducing the risk of schedule and cost overrun
- Supporting Design for Manufacture and Assembly (DfMA) construction
- Providing the platform for improved safety, higher quality and 'greener' construction.

MTS TRANSIT SYSTEM

MTS DESIGN BASIS & PURPOSE

Originally designed to extend the reach and coverage of our fleet*, the Marr Transit System (MTS) helps to reduce congestion and complexity on the work front by reducing the number of cranes required on large projects.

Allowing our cranes to work at full free stand while stationary or to carry a load under pick and carry conditions in line with load chart capacity*, the MTS is available for use with Marr's Heavy Lift Luffer (HLL) and general fleet.

*No restrictions apply to the operation of the crane when on the MTS.



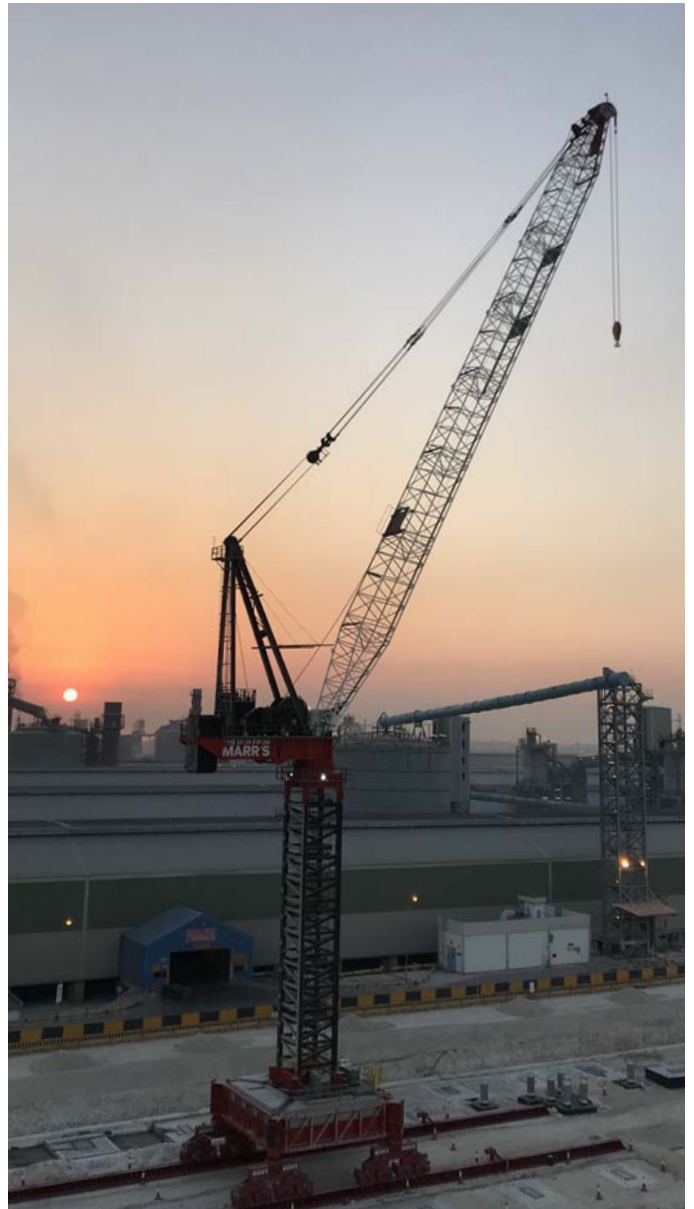
REDUCES SITE CONGESTION & COMPLEXITY



EXTENDS THE REACH & COVERAGE OF MARR'S FLEET



IMPROVES SAFETY



APPLICATIONS FOR USE

The MTS is suited to large construction sites including:

- Industrial, mechanical and civil construction works where extensive areas of work need to be covered
- Construction works where heavy lifting and travel is required within a limited space

Suitable sectoral applications include:

- Power generation – new build, retrofit projects & turnarounds
- Oil & gas – new build, retrofit projects & turnarounds
- Infrastructure – rail stations, bridges & airports
- Construction – ports, harbours, dams, jetties, data centres & stadia



LOAD CHART SUMMARY

	M2480D – the largest capacity tower crane in the world.	M1680D – evolved from the growing demand for heavy lift tower cranes in the construction industry	M1280D – the first of Marr’s heavy lift tower cranes developed for the construction of a hydroelectric power station	M860 – developed as a crossover between heavy industry, infrastructure and general construction
Lift capacity	330 tonnes	200 tonnes	150 tonnes	96 tonnes
Maximum radius	120 metres	91 metres	82 metres	71 metres
Lift: radius ratio	100 tonnes: 45 metres	100 tonnes: 28 metres	100 tonnes: 25 metres	96 tonnes: 12 metres
Capacity at shown radius	25 tonnes (at 100 metres)	15 tonnes (at 80 metres)	13 tonnes (at 80 metres)	7 tonnes (at 70 metres)
Main winch hoist capacity	55 tonnes	50 tonnes	50 tonnes	32 tonnes
Auxiliary winch hoist capacity	25 tonnes	12 tonnes	12 tonnes	12 tonnes
Maximum allowable wind speed	20 metres / second	20 metres / second	20 metres / second	20 metres / second





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