

MARR

SPECIALIST SOLUTIONS FOR NUCLEAR PROJECTS

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

Not just cranes and crew 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 highest capacity tower crane, the 330-tonne capacity M2480D heavy lift luffing (HLL) crane.





PROJECT: HINKLEY POINT C UNIT 2 TURBINE HALL, UK
CLIENT: BOUYGUES TRAVAUX PUBLICS AND LAING O'ROURKE (BYLOR)

TRANSFORMING NUCLEAR CONSTRUCTION THROUGH INNOVATIVE CRANAGE SOLUTIONS

MARR'S UNIQUE APPROACH UNLOCKS A MORE EFFICIENT, STREAMLINED AND SAFER METHOD OF DELIVERING HIGH CAPACITY, HIGH-VOLUME LIFTING SOLUTIONS IN NUCLEAR CONSTRUCTION.

Leveraging our heavy lift fleet – including the world's highest capacity luffing tower crane, the M2480D – our innovative approach challenges traditional thinking to directly reduce the number of critical path lifts, enabling:

- Larger, heavier modular, pre-assembled & component lifts – reducing handling & accelerating production on critical path activities
- Fewer cranes, resources & deliveries – leading to simpler logistics & a more efficient overall operational solution
- Safer & more sustainable outcomes – with fewer lift operations lowering risk, cutting emissions & improving environmental performance.

UNIQUE FEATURES & BENEFITS

HIGH CAPACITY & HIGH-VOLUME LIFTING:

- The world's highest capacity luffing tower crane (M2480D)
 - 330T@15m, 150T@30m, 100T@40m, 50T@65m & 12T@120m
- High speed winches
 - 55T on main - 16.2T @ 95 m/min
 - 25T on fly jib - 5T @ 136 m/min

LONG-REACH & HIGH-CAPACITY:

- At max. configuration, the M2480D reaches nearly ¼ km and covers 45,000 m²
- Ability to lift a minimum 12T anywhere in the 45,000 m² envelope

SMALL SITE FOOTPRINT:

- Tower footprint - 4.3m x 4m on cast-in anchors
- Optional modular rail system (MTS) extends reach and coverage

HIGH AVAILABILITY:

- Rated to safely operate in windspeeds of 20m/s providing higher uptime.





PROJECT: HINKLEY POINT C TUNNELLING & MARINE
PROJECT UK
CLIENT: BALFOUR BEATTY

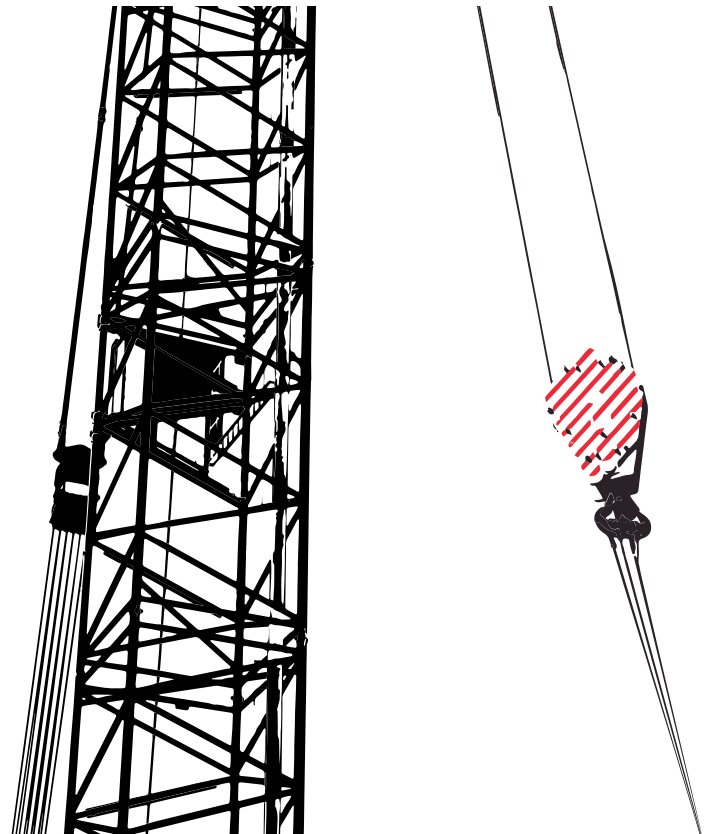
OUR UNIQUE APPROACH

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

Through early engagement with us, 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:

- reduce complexity & de-risk construction
- improve productivity, efficiency & safety
- enable more sustainable construction.





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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:

- heavy lift crane solutions & design
- heavy lifting mobile & luffing tower cranes hire
- engineered lift studies & job site planning
- resourcing for project crane solutions including:
 - crane superintendents
 - crane coordinators
 - crane operators
 - dogmen/slinger signallers
- recovery crane systems
- crane asset management
- a full range of towers, static & travel bases, internal climbing systems, grillages & other accessories.



OUR FLEET

FROM THE WORLD'S HIGHEST CAPACITY TOWER CRANE, THE M2480D HEAVY LIFT LUFFING (HLL) CRANE, TO THE TINY M40R RECOVERY CRANE, WE OFFER THE WORLD'S MOST UNIQUE FLEET OF HEAVY LIFT TOWER CRANES.

Engineered and constructed by our partner of more than 50 years, Favelle Favco, our fleet combines the heavy lift capability of mobile and crawler cranes with the high performance of tower cranes. But it's our heavy lifting crane solutions, and the way we approach a project that sets us apart.

With operations in Australia and the UK, and projects around the globe, our fleet includes mobile and tower cranes for hire on everything from high-rise to large-scale construction and major infrastructure projects.

See our fleet & load charts at marr.com.au/our-cranes

UNIQUE FEATURES & BENEFITS

- High lift capacity – capable of lifting 330T (M2480D), allowing upsized components, increased modularisation & more extensive offsite prefabrication & pre-assembly
- Long reach capability – boom lengths of up to 120m delivering greater hook availability over a larger area for scheduled and unscheduled lifting
- Marr Transit System (MTS) – modular rail system that extends longitudinal reach with no loss of capacity – full operation between site limits
- Small base footprint – equivalent to two cars parked side-by-side, freeing up much needed construction space & requiring reduced building stand-off
- Innovative 3-beam climbing system - ability to climb the crane 20m in under 2 hours
- Recovery Crane System - enables the dismantling of both core & externally climbed cranes
- Operational in winds of up to 20m/ second - increased availability in higher wind speeds and weather vane capability in extreme weather eliminates site laydown requirements
- HVO100-compatible - up to 80% reduction in CO² emissions when using 100% renewable diesel.



COMPATIBLE WITH
100% 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

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