



Introduction to DLT Engineering

Technology for modular construction

- Heavy lifting & load movement systems:
 - Bridge deck erection gantries
 - Heavy duty transporters
 - Heavy duty straddle carriers
 - Jacking towers for refinery/roof/crane construction
 - Strand jack systems
 - Climbing jack & gripper jack systems
 - Skidding systems
 - Synchronised jacking & weighing systems
 - Heavy lift control systems
 - Hydraulic gantries

DLT services

- Heavy lifting site services
 - Site supervision
 - Site training for operation and maintenance
 - Independent site audits
- Construction consultancy services
 - Heavy lifting operations
 - Bridge erection gantries
 - Temporary works
 - Permanent works re-design
 - Independent audits



For the construction & maintenance of

- Major bridges
- Offshore platforms
- Offshore vessels
- Large roofs
- Dams
- Power plants
- Renewable energy structures



Certification :

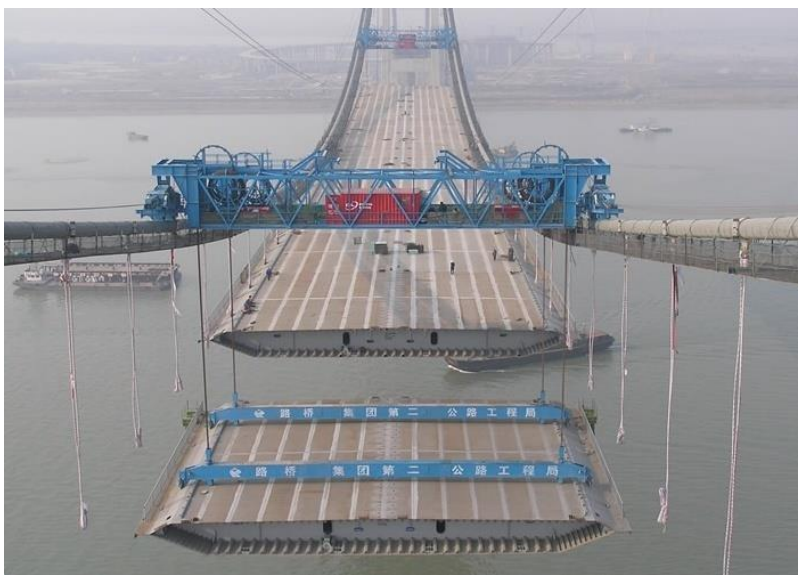
- ISO 9001 : 2015
- ISO 45001 : 2018
- ISO 14001 : 2015



Introduction to DLT Engineering



Heavy lifting and load movement systems



Bridge deck erection gantries



Heavy duty transporters



Straddle carriers



Jacking tower systems



Synchronous lift & skid systems



Weighing systems, up to 2000 tonne capacity per jack



Hydraulic gantries, 200 – 1200 tonne capacity



Strand jacks, 15 tonne – 1672 tonne capacity



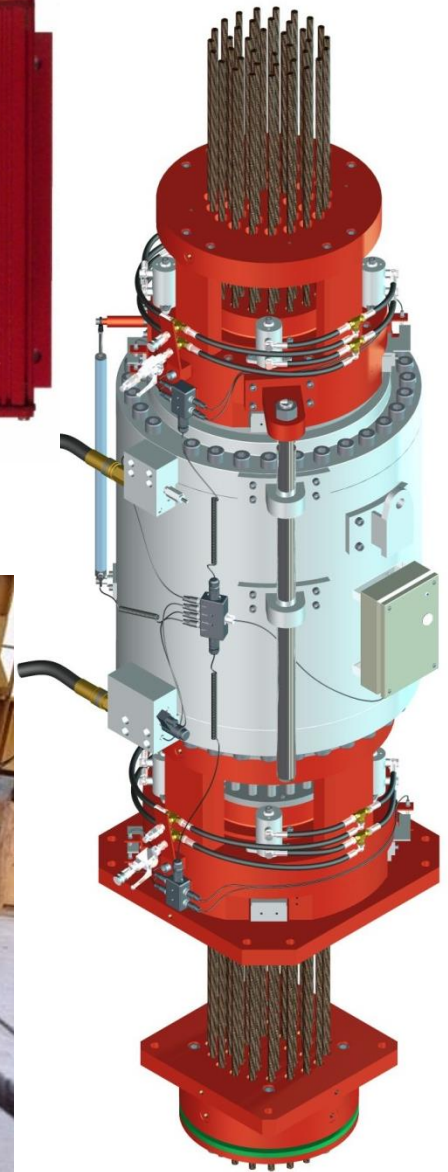
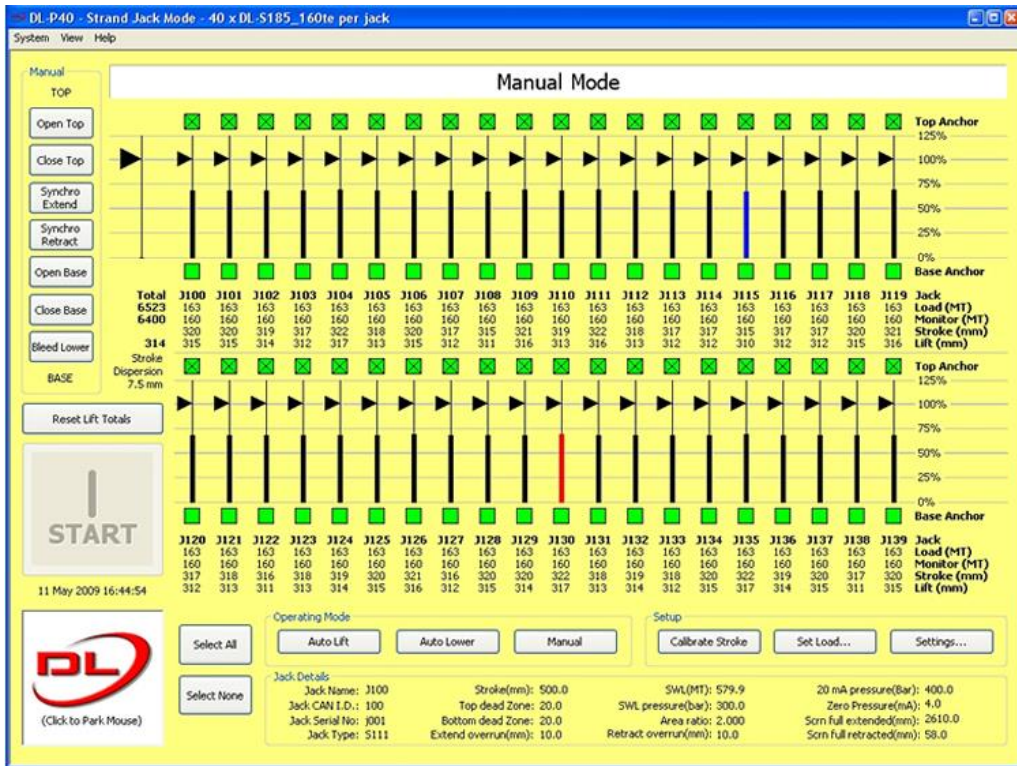
Pinned climbing & skidding jacks 50 – 1000 tonne capacity



Hydraulic rams, 50 – 3000 tonne capacity



Hydraulic power packs 11-500 kW



Heavy lift control systems



Reference Projects

for detailed information on each project visit
www.dlteng.com



2 x 870 tonne capacity gantry for Temburong Bridge, Brunei



DL-SE1000/35 gantry, Honam HSR, Korea



DL-SE500/30 gantry, Riyadh Metro, KSA



DL-TC500/30 transporter, Riyadh Metro, KSA



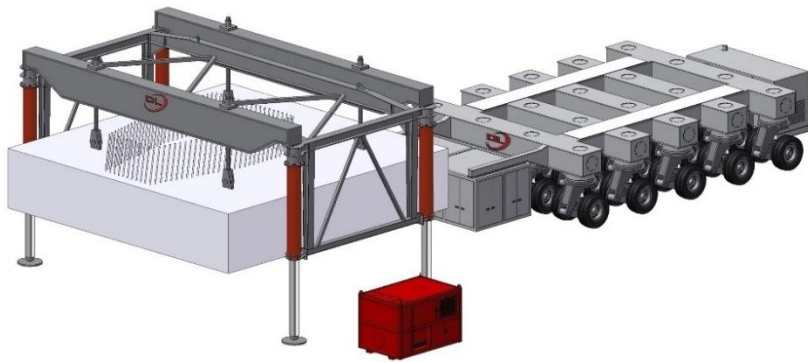
2 x 260 tonne capacity straddle carriers, Riyadh Metro, KSA



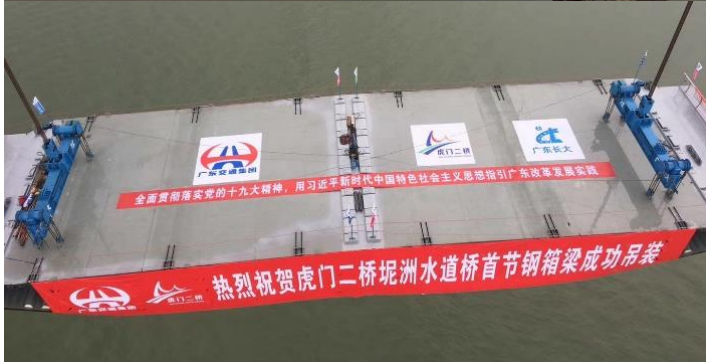
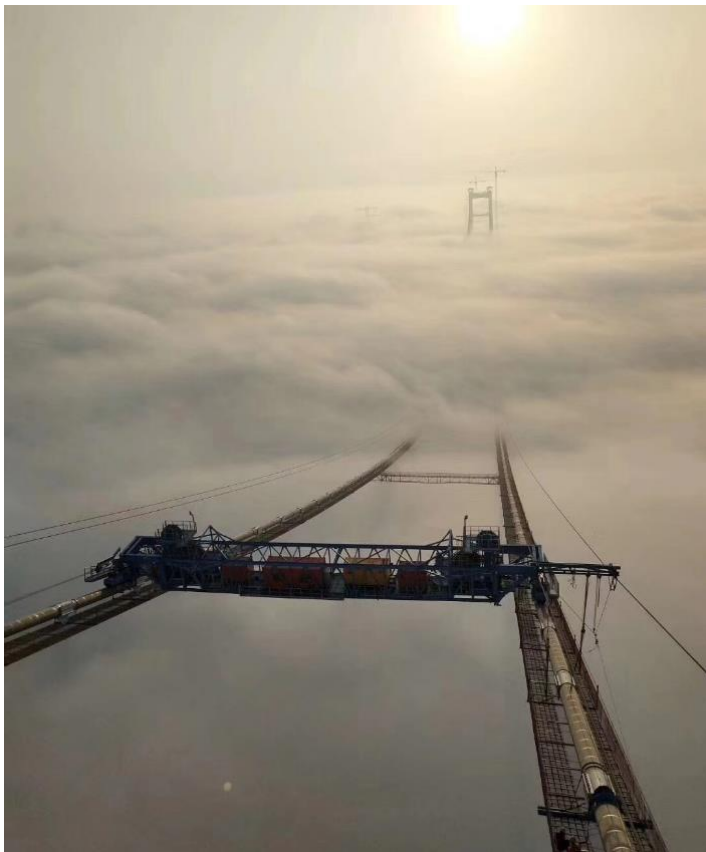
**Doha Link gantry, 60m 1700 tonne capacity,
Kuwait**



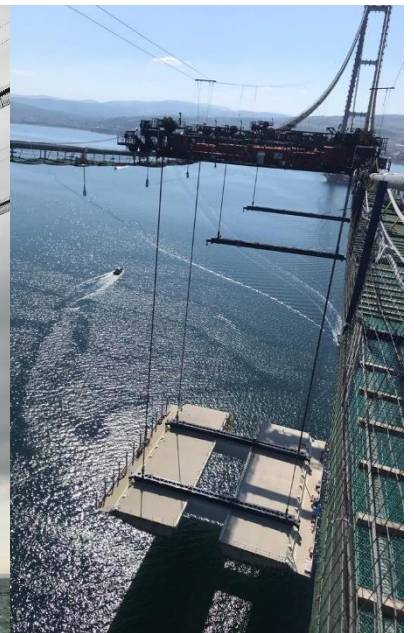
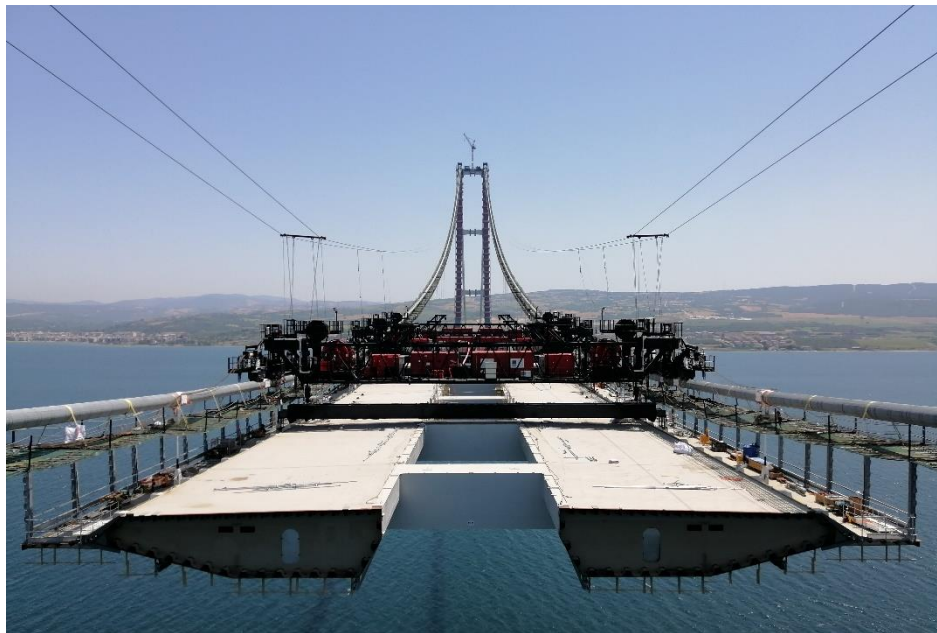
**Doha Link straddle carrier, 2 x 850 tonne capacity,
Kuwait**



1000 tonne capacity Transporter, New Champlain Bridge, Canada



Second Humen Bridge, China



1915 Çanakkale Suspension Bridge, Turkey
Deck Erection Gantries



1915 Çanakkale Suspension Bridge, Turkey Deck Erection Gantries



1915 Çanakkale Suspension Bridge, Turkey
Main Cable Winches



1915 Çanakkale Suspension Bridge, Turkey

Main Cable Winches



1915 Çanakkale Suspension Bridge, Turkey

Cable Installation Equipment



1915 Çanakkale Suspension Bridge, Turkey
Main Cable Compaction Machines



1915 Çanakkale Suspension Bridge, Turkey
Main Cable Wrapping Machines



Runyang Suspension bridge, China



Forth cable stayed bridge deck gantries, UK



Rio Negro bridge deck erection gantries, Brazil



Sutong bridge deck erection gantries, China



Orinoco river second crossing, Venezuela



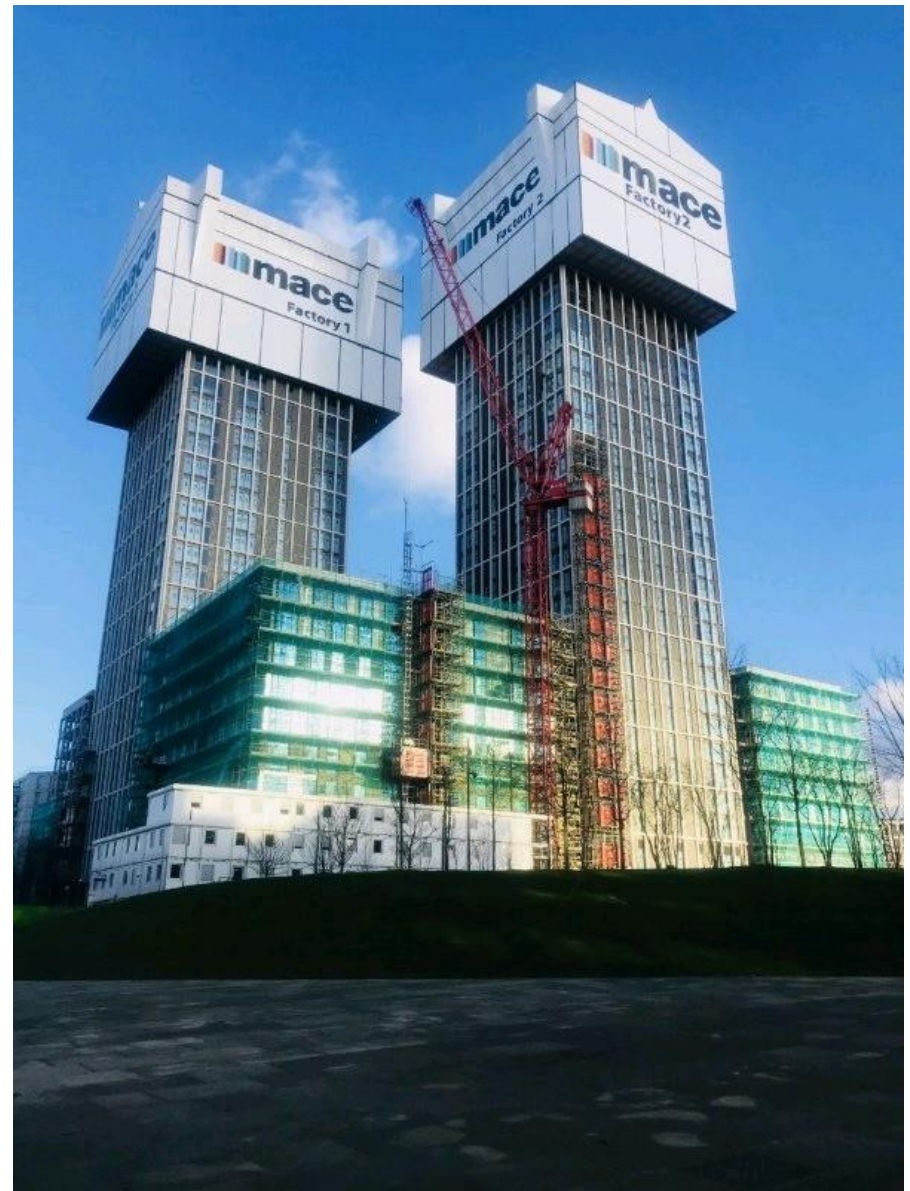
CLKTM viaduct segment gantry, Hong Kong



A34 Wolvercote Viaduct replacement project, UK



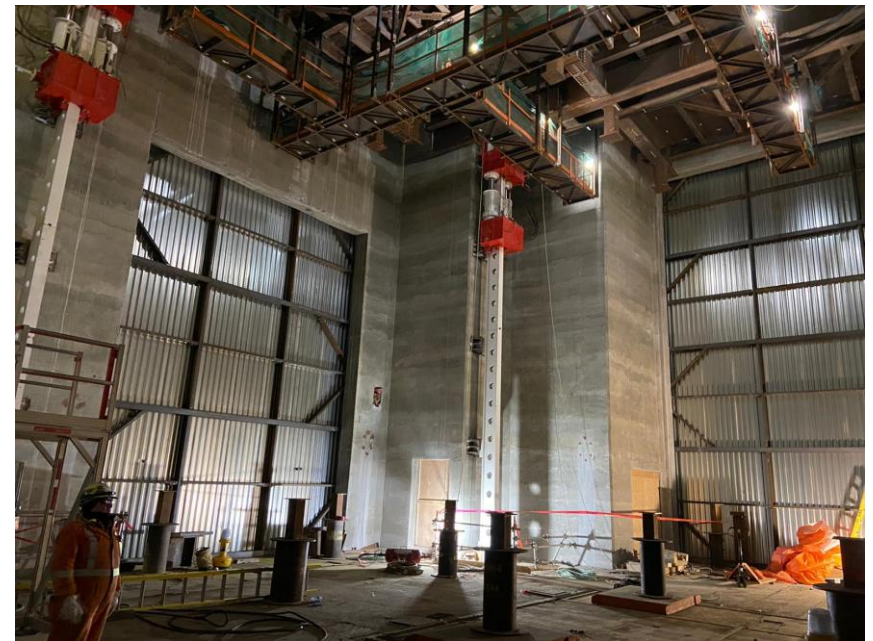
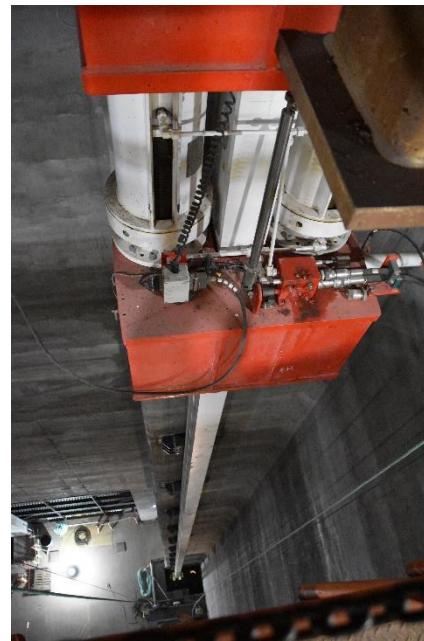
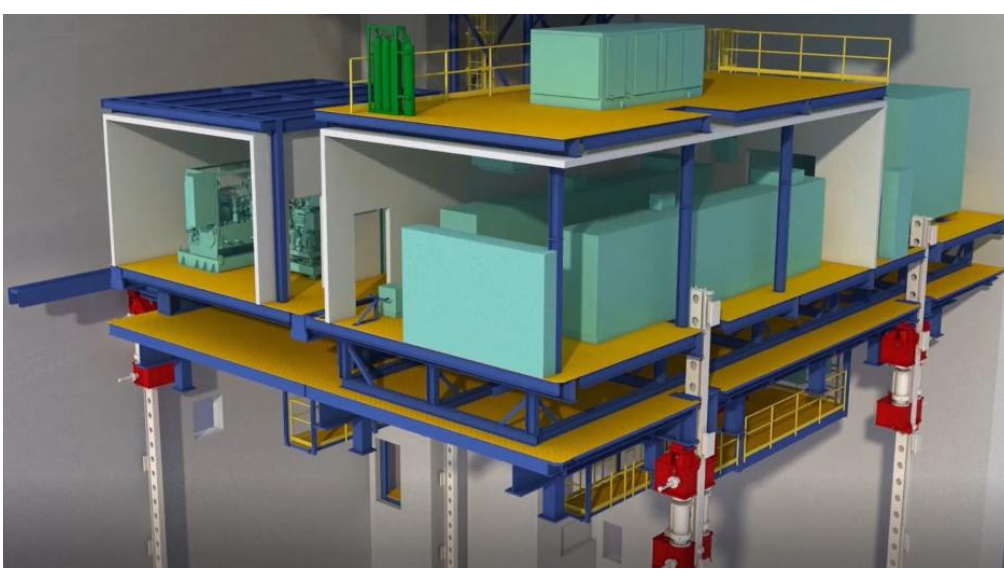
Ponte Verde, Italy



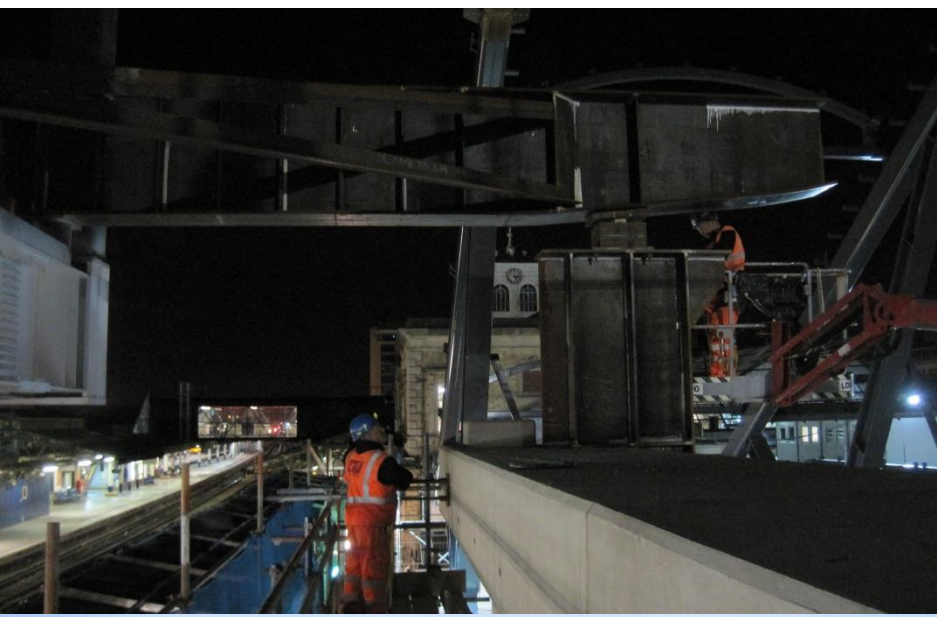
MACE Jump Factory, London



MACE Jump Factory, London



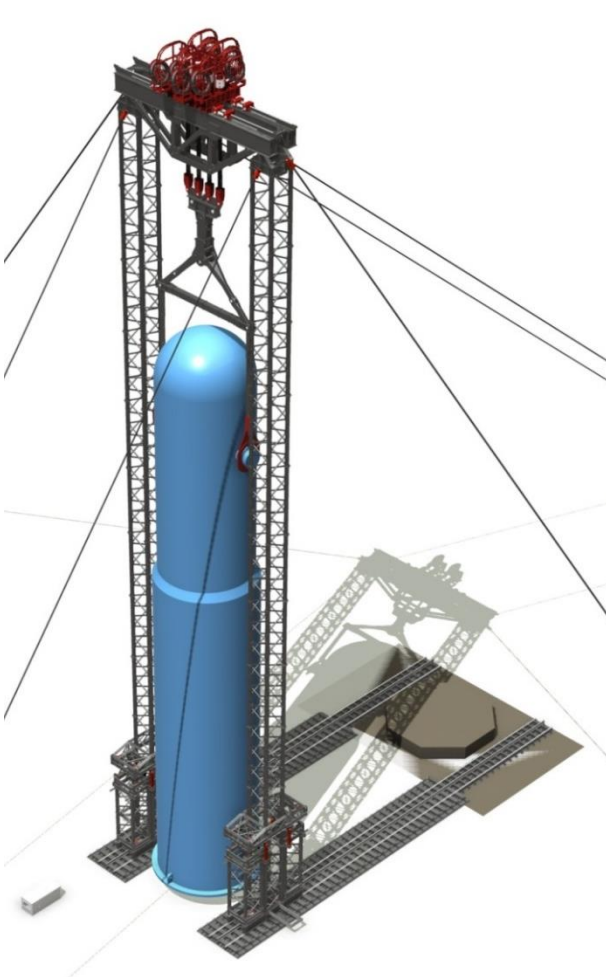
HATCH MOSAIC K3 Potash Mine, Canada



Reading Station Redevelopment, UK



DL-TS3600 jacking tower system, China



MYQ5000 jacking tower system, China



2500 tonne capacity modular jacking tower system, China



1600 tonne capacity modular jacking tower system, Taiwan



Goliath crane erection, Gunsan, Korea



HAECO Hanger 3A roof lift, HK



Wembley national stadium roof, UK



48 point stadium cable net roof lift, Brazil



Heathrow new terminal 5 building, UK



Blast furnace installation, Taiwan



20,000 tonne capacity float over system



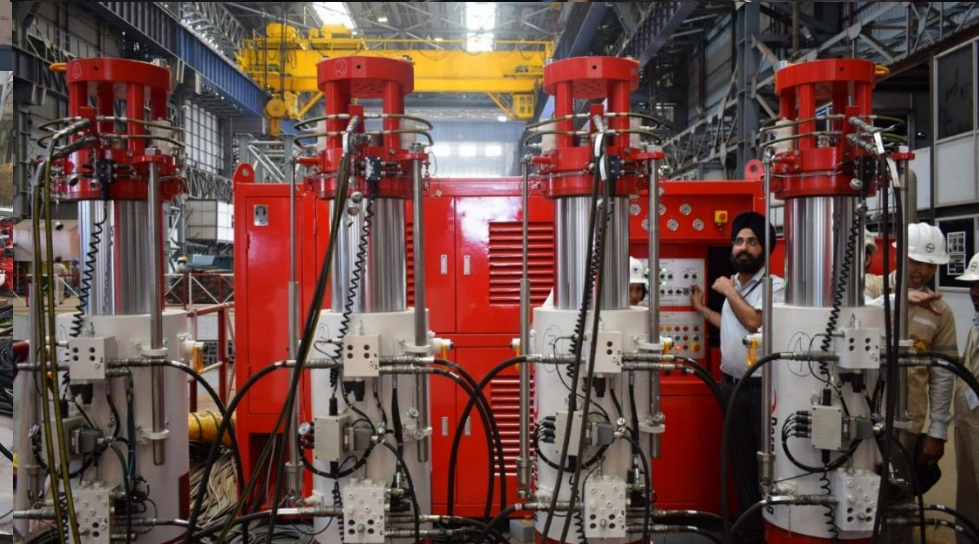
20,000 tonne capacity float over system



Supply 2,950 No support jacks with a combined lifting capacity of around 890,000 tonnes



3,600 tonne capacity Computerised Weighing system



Nuclear jacking and skidding system in India



MAARI jacket incremental lifting, Malaysia



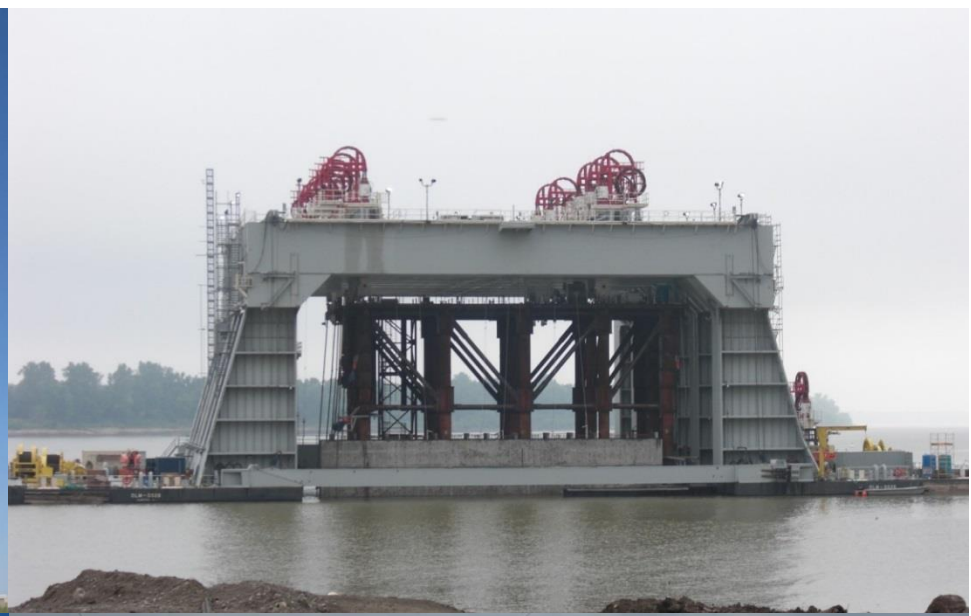
Load outs using DLT strand jacks, to 14,000 te



Thruster replacement using DLT strand jacks



2 x 1000 te Jacket skidding system



Olmsted dam project, USA



ShiBanPo bridge, China



Sheik Khalifa Bin Salman bridge, Bahrain



End of presentation