



The Key Elements of **Heavy Lift Operations** You Should Know

Where
Service
Matters



**Demag CC3800 Crane in Oil
& Gas Project in Kuwait.**





Multi-Axle Trailers in a Construction Project in Kuwait.

What is Heavy Lifting?

Lifting operations are inherent to many projects in GCC. It is an operation concerned with the lifting and lowering of a load.

And by its mere terminology, surely you would have deduced that operations that involve hoisting, transporting, lowering bulky load classify as Heavy Lifting.

Importance of Heavy Lifting

To start with, Heavy lifting occupies a pivotal role in most industrial construction and plant maintenance projects in GCC - ranging from petrochemical plants to civil construction.

You need Heavy Lifting support if you are involved in new

construction, upgrades,
or expansions of your
industrial projects.

Further in emergency
circumstances,
depending on the
industry, you will face
the need of Heavy
Lifting capacity for
scheduled facility
maintenance or rapid
response operations.



Tank Lifting in a Refinery Project in Kuwait.



Safety in action.

Key Elements You Should Know

Whenever you need large and heavy components to be lifted, transported, or lowered, the most important element of such Heavy Lifting operation is that work should happen safely.

You must safeguard the people involved, the load itself, any equipment, and adjacent work-structures. Because Heavy Lifting operations can often put people at great risk of injury, as well as

incurring great costs when they go wrong.

Categorizing your type of lifting before planning is critical because it allows for the proper assessment present in the lifting operation and the level of control required.

During your planning, you need to look at whom and what creates the risks. And then consciously make every effort to eliminate or minimize such risks to the lowest possible levels.



The team involved should demonstrate sufficient theoretical and practical knowledge of the work and equipment in question, as well as the requirements of the law.

For complex and high-risk operations, you should take great caution to ensure that the planning and organization is extensive and meticulous.

You will realize that most Heavy Lifting operations lie on the critical path. This means that their efficient execution is vital to your project's schedule and budget.

Hence, you should take great care to organize these operations to achieve optimal project efficiency that will in turn maximize uptime.

Summarizing, Heavy Lifting operations involve a variety of specialized equipment, qualified people, and pursuing correct practices. So, during your execution, all elements of heavy lifting operations will affect your project.

Each of these elements requires a person or people with sufficient competence to be involved at each step.

Multi-Axle Trailers transporting to a project site in Kuwait.



Whether you are executing the Heavy Lift operation by yourself or engaging an expert like JTC, these elements require a high level of management commitment, professional competence, and adequate resources. Because you must properly resource, plan and organize Heavy Lifting operations so they are carried out in a safe manner.

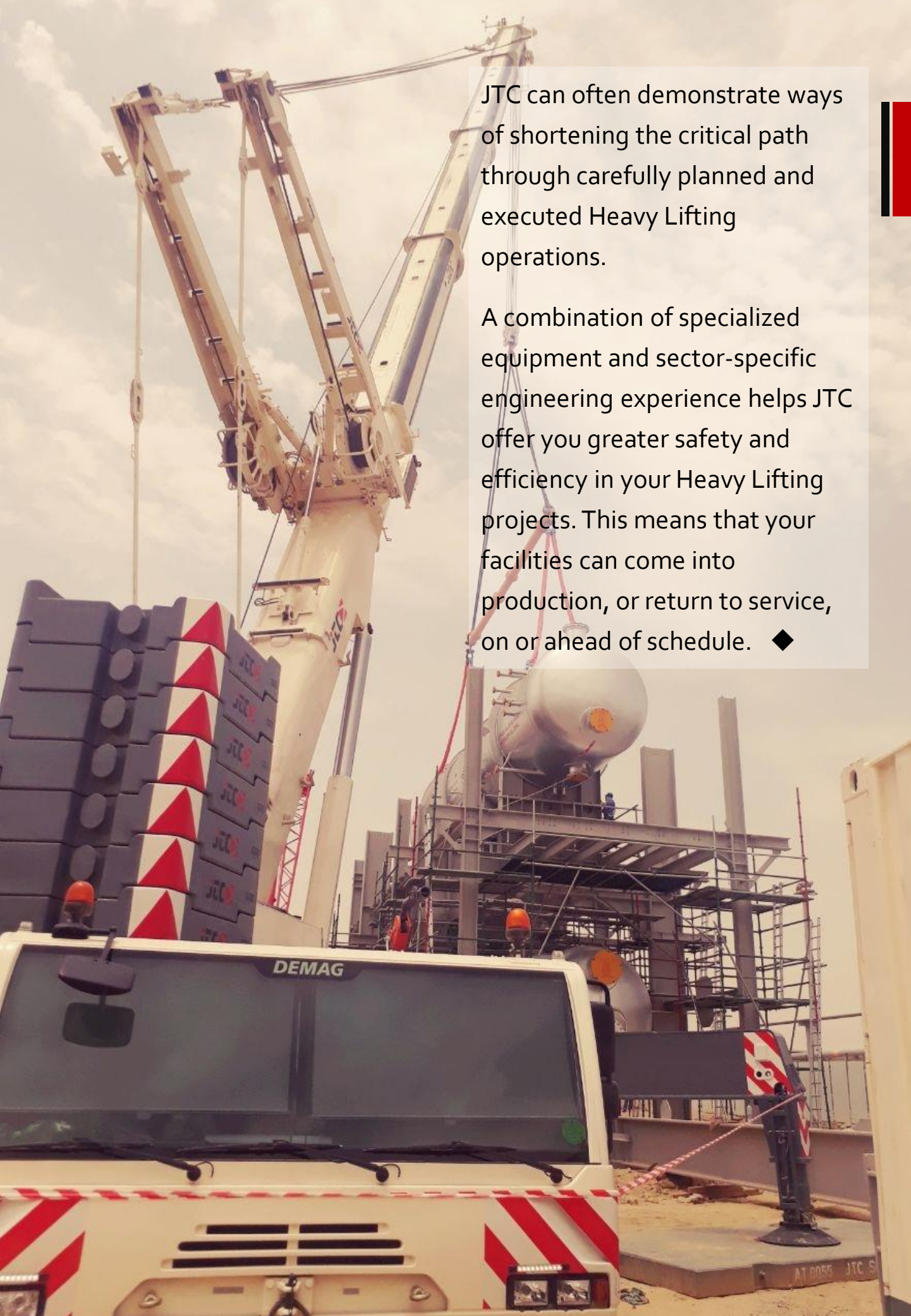
JTC offers Heavy Lifting services that support clients across major sectors in Kuwait and Qatar.

JTC Equipment Leasing can supply you the equipment, expertise, and experience to do your Heavy Lifting job safely and efficiently.

Whether it is your green-field project or ongoing maintenance,

Tandem-lifting at a project



A large yellow DEMAG crawler crane is lifting a large white cylindrical tank at a construction site. The crane's boom is extended high into the air, and the tank is suspended by cables. The crane is mounted on a truck chassis with a large red and white striped safety barrier in the foreground. The background shows a complex steel structure under construction.

JTC can often demonstrate ways of shortening the critical path through carefully planned and executed Heavy Lifting operations.

A combination of specialized equipment and sector-specific engineering experience helps JTC offer you greater safety and efficiency in your Heavy Lifting projects. This means that your facilities can come into production, or return to service, on or ahead of schedule. ♦

EQUIPMENT LEASING

jtc 
www.jtckw.com

Owning and operating an extensive fleet of cranes, heavy lift equipment & other industrial equipment, JTC offers a wide selection of services – from daily rentals to customized project management packages.

**CONTACT US
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In Kuwait, we also offer you comprehensive solutions through synergies with other divisions

PORTS MANAGEMENT | CONTRACT LOGISTICS | POWER RENTAL