



Contact Us

1300 163 422

Custom Solutions

TNC Turn Key Projects

End to End



DLB40C1 - MAIN RC ST - CA/MS
DLB40C2 - AUX RC ST - CA/MS
SN. 23537



TNC TURNKEY

TNC Cranes is a 100% privately owned and operated Australian Company with expert knowledge in Overhead crane design, manufacture, installation and servicing. We provide our clients with customised products and service requirements designed to meet individual needs. We also ensure all Australian and International Standards are met to the highest standard.

At TNC Cranes our mission is to become the lifting partners of choice to our broad client base. We provide a personalised service that ensures all needs are met to highest standards. Our quality management system and continuous improvement strategies guarantees the level of service provided is above that of industry standard. We provide reliable, tailored, and cost-effective services that maximise the value of our client's assets.

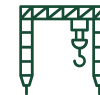
WE'RE UNIQUE TO THE INDUSTRY:

TNC is a Manufacturer
of **Crane Equipment**

+

We Offer **Full Engineering, Contracting and Professional Services** Related to On-Site Crane Management Requirements

Comprehensive Solutions:



SALES &
INSTALLATION

Specialised
Cranes

+

Support
Equipment

+

Remote
Monitoring



ENGINEERING
& DESIGN

Bespoke
Design

+

Engineering
Plans

+

Design
Registration



FULL PROJECT
MANAGEMENT

Rental/Sale
Equipment

+

Turnkey
Installation &
Operation

+

Stakeholder
Coordination



SUPPORT

24/7 Field
Service

+

Project
Monitoring

+

Technical/Engineering
Support



Streamlining Precision and Elevating Excellence.

TNC Cranes is an Industry Leading Provider of Full Service Crane, Installation, & Lifting Engineered Solutions

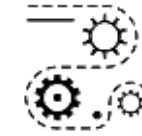
We offer full engineering, contracting, and professional services, including specialised maintenance and spare parts for all types of industrial cranes and hoists.

At TNC Cranes, we understand the complexity and challenges involved in acquiring and implementing overhead crane systems. That's why we offer a comprehensive turnkey solution that covers every step of the process, from design to construction, all under one roof. Here's how we stand out



ENGINEERING

Experience unparalleled engineering excellence with TNC Cranes. Our team of experienced engineers and technicians handles every aspect of your overhead crane project, from initial consultation to final commissioning. They bring precision and innovation to every project, ensuring your solution is robust and reliable.



CONSTRUCTION

Safety and compliance are our top priorities. Our team adheres to the highest industry standards and regulations, ensuring every project meets stringent safety protocols. We conduct thorough inspections and rigorous testing to guarantee the utmost safety and reliability of your equipment.



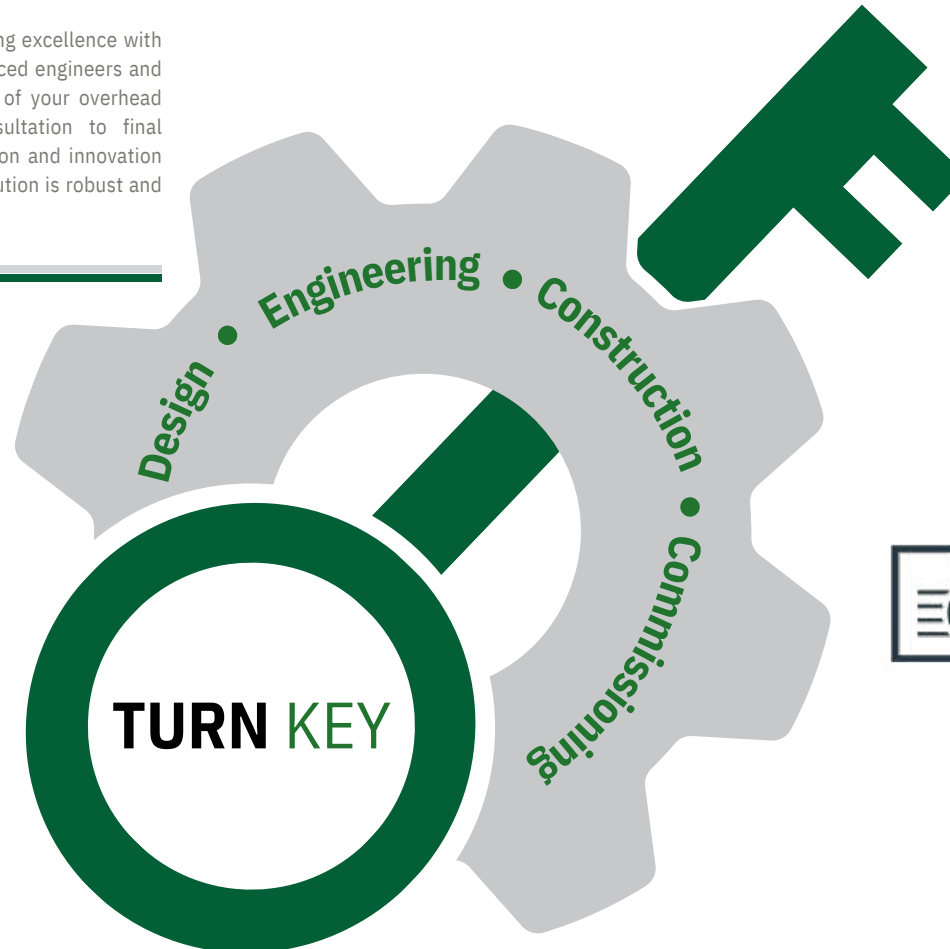
DESIGN

Discover the TNC Cranes difference! Our dedicated design team collaborates with you to create customised solutions that perfectly align with your unique requirements. Say goodbye to the hassle of managing multiple vendors. With TNC Cranes, you get a seamless, one-stop-shop experience for all your project needs.



COMMISSIONING

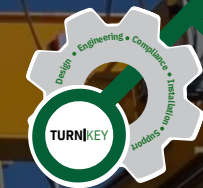
At TNC Cranes, we prioritise meeting deadlines with efficient project management and streamlined processes, delivering your overhead crane system on time and within budget. Our experienced installation team ensures a smooth setup, minimising downtime and maximising productivity.



Custom Solutions

TNC Turn Key Projects

End to End



PRECISION MANUFACTURING

TNC Cranes Girder Design

Designing and executing crane turnkey projects and major girder builds form the core of our services. Our comprehensive approach provides a solid foundation for maintenance planning, tracking, reporting, and consultation. From the initial audit and asset register creation to statutory compliance inspections.

ELEVATING DESIGN

Precision Engineering

At TNC Cranes, our engineering services are the cornerstone of our commitment to delivering superior crane solutions. We offer custom engineering designs that meet your specific operational requirements and industry standards. With a focus on structural integrity and optimized performance, our engineering expertise ensures robust, durable, and efficient crane systems.

TIER 1 COMPLIANT

Expert Installation

At TNC Cranes, we prioritize precision and reliability in every installation. Our expert installation services ensure that your crane systems are set up accurately and efficiently, adhering to all safety standards and regulations. With skilled technicians and comprehensive support.

DETAILED EXCELLENCE

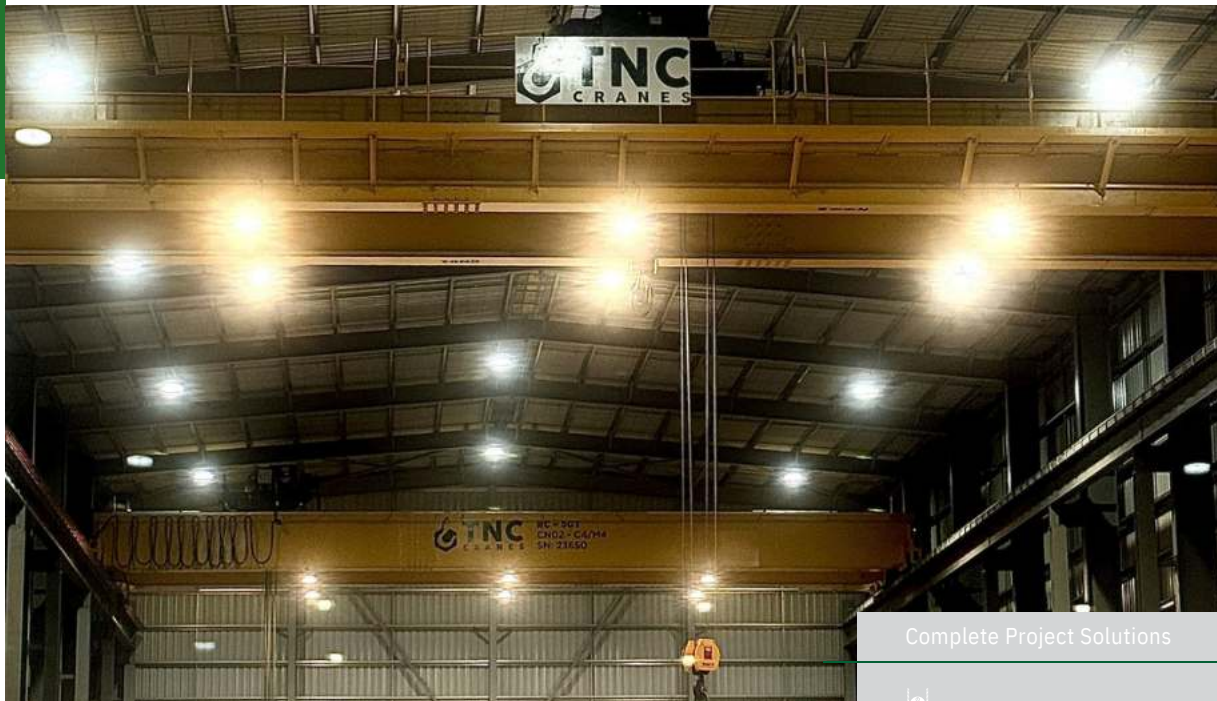
Commissioning Management

Ensuring the optimal performance and reliability of your crane systems is our top priority with TNC Cranes Commissioning Services. Our meticulous approach covers every detail from comprehensive testing and calibration to safety compliance and performance optimization.

BENEFITS

- **Custom Design Solutions:** Tailored girder designs to meet your specific operational requirements and industry standards.
- **Structural Integrity:** High-quality materials and engineering expertise ensure robust and durable girder construction.
- **Optimized Performance:** Girders designed for maximum efficiency, load capacity, and operational reliability.
- **Advanced Safety Features:** Incorporation of modern safety mechanisms to enhance operational safety and compliance.
- **Innovative Engineering:** Utilization of the latest technology and engineering practices for superior performance.
- **Precision Manufacturing:** State-of-the-art manufacturing processes ensure accuracy and consistency in builds.
- **Compliance Assurance:** Engineering designs and construction meet all relevant statutory and regulatory requirements.
- **Expert Consultation:** Professional guidance and support throughout the engineering and build process to ensure the best outcomes.
- **Expert Installation:** Professional installation services ensuring precise and accurate setup of your crane systems.
- **Safety Compliance:** Adherence to all safety standards and regulations during installation to ensure a safe working environment.
- **Efficient Execution:** Timely and efficient installation process to minimize downtime and disruption to your operations.
- **Comprehensive Support:** End-to-end support from initial setup to final commissioning, ensuring seamless integration into your operations.
- **Optimization:** Fine-tuning and adjustments to maximize the performance and efficiency of your crane systems.
- **Detailed Documentation:** Provision of complete documentation and reports on the commissioning process and system performance.
- **Experienced Engineers:** Skilled engineers with extensive experience in crane systems ensure a high-quality commissioning process.
- **Custom Solutions:** Tailored commissioning services to meet the unique requirements of your operations and equipment.
- **Seamless Integration:** Ensuring smooth integration of new crane systems with existing operations and infrastructure.





Industrial Cranes








Turn Key

TNC Cranes has been pioneering the art of elevating industries for decades. Our unwavering mission remains unchanged: to provide lifting solutions that elevate our customers' businesses to new heights.

Embedded within every TNC Cranes creation is a profound understanding of industry dynamics. Each crane we craft embodies a commitment to excellence at its core. From meticulously designed in-house components to seamless integration into diverse lifting environments,

TNC Cranes stands as the epitome of precision and reliability in the realm of lifting equipment.

Complete Project Solutions

-  Specialised Crane Equipment
-  Turnkey Solutions
-  Comprehensive Engineering
-  System Design and Product Recommendation
-  Specialized Cranes & Support Equipment
-  Remote Monitoring, Alerts & Reporting
-  On-Site Operation & Maintenance

Chain Hoists

Upgrade your facility with cutting-edge lifting technology. TNC cranes' C-series electric chain hoist models represent the pinnacle of modern, sturdy, and trustworthy lifting equipment, featuring an exceptional chain hoist from a renowned industry leader.



Rope Hoists

TNC cranes' rope hoist cranes are well-suited for a wide range of industrial environments. From standard models to cutting-edge advanced lifting solutions, their versatility is a standout feature. Leveraging our expertise in addressing lifting requirements, we provide a variety of packages tailored to your needs. Get in touch with us to explore the options further.



Gantry Cranes

TNC cranes' gantry cranes are engineered for ease of use and optimal functionality. Their specially crafted steel framework renders them suitable for diverse building structures and operational environments, indoors or outdoors. The inclusion of a compact hoist maximizes your available workspace, facilitating extensive maneuverability around the crane.



Portal Cranes

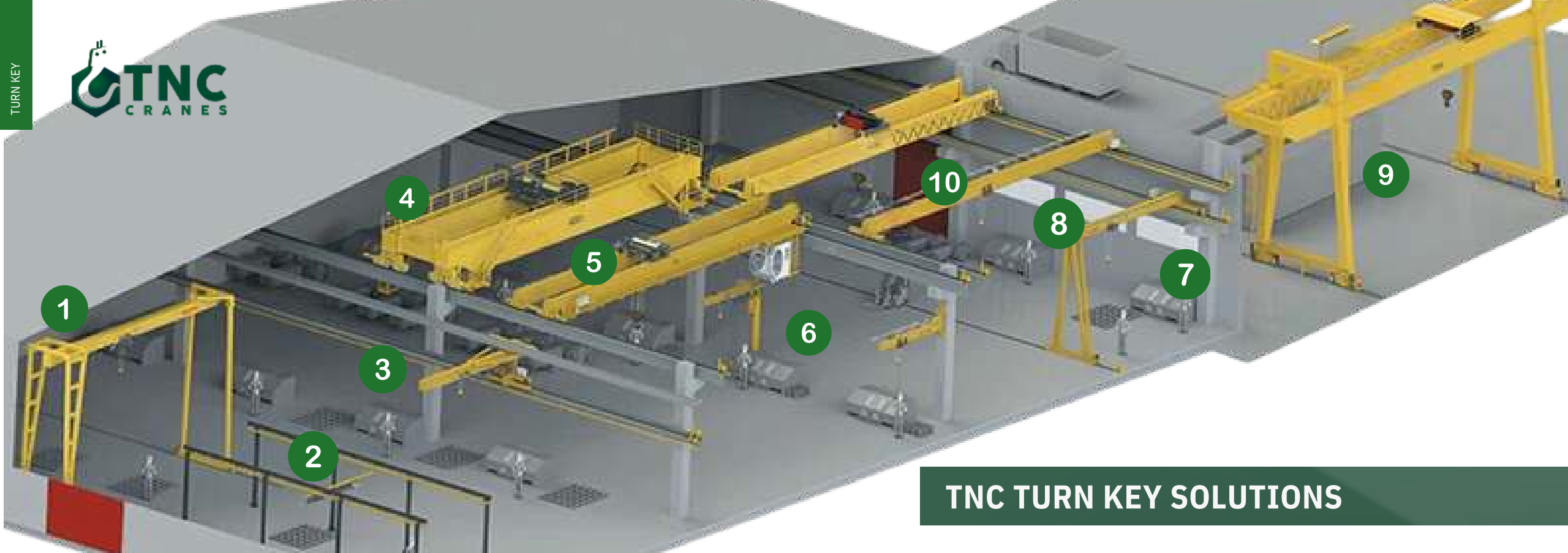
TNC Cranes presents a portable, budget-friendly option for various lifting requirements. Featuring a straightforward yet inventive construction, our renowned overhead crane is seamlessly integrated into a robust steel framework.



Jib Cranes

TNC jib cranes offer an optimal solution for contiguous work zones. Designed to transport materials efficiently between individual workstations, they are frequently employed for maneuvering components within assembly compartments. Typically, a wall jib crane has a lifting capacity of up to 5T. Its compact design facilitates installation within confined spaces such as assembly lines and workshops.





TNC TURN KEY SOLUTIONS

1. Single Girder Gantry Crane

A single girder gantry crane is a type of overhead crane that features a single horizontal beam, or girder, spanning the width of the crane. It is supported by vertical legs on either side, allowing it to move along a track or rail system.

2. Single Girder Underslung Crane

A single girder underslung crane is a type of overhead crane where the girder is mounted beneath the runway beam rather than above it. This design allows for maximum headroom and floor space utilization, making it ideal for facilities with limited space or low ceilings.

3. Wall Travelling Jib Crane

A wall-travelling jib crane is a specialized type of crane that is mounted to a vertical surface, such as a wall or column, rather than being supported by a freestanding structure. This crane features a horizontal boom, or jib, that can travel along the length of the wall.

4. Open Winch Type Double Girder Overhead Crane

An Open Winch Type Double Girder Overhead Crane is a heavy-duty lifting solution commonly used in industrial settings for handling large and heavy loads with precision and efficiency. This type of crane features two horizontal girders spanning the width of the crane bridge, providing increased stability.

5. Jib Crane

This compact and versatile crane is commonly used for lifting and moving loads within a specific radius or arc of rotation. Jib cranes come in various configurations, including floor-mounted, wall-mounted, and pillar-mounted versions, providing flexibility to suit different spacial constraints and operational needs.

6. Wall Mounted Jib Crane

This compact and space-saving crane features a horizontal boom, or jib, that extends outward from the mounting point, providing a versatile lifting solution within a defined area. Wall-mounted jib cranes are commonly used in workshops, manufacturing plants, and warehouses where floor space is limited or where overhead clearance is restricted.

7. Single Girder Semi Gantry Crane

A Single Girder Semi Gantry Crane is a versatile lifting solution characterized by a single horizontal beam, or girder, supported by one end truck riding on a runway beam, while the other end is supported by a leg structure on the ground.

8. Single Girder Over Head Crane

A Single Girder Overhead Crane is a type of lifting equipment featuring a single horizontal beam, or girder, that spans the width of the crane bridge. This crane is typically mounted to an overhead runway system,

9. Double Girder Gantry Crane

A Double Girder Gantry Crane is a robust lifting solution featuring two horizontal beams, or girders, spanning the width of the crane bridge. This crane is supported by legs on either side, allowing it to operate independently of a building structure.

10. Double Girder Hoist Overhead Crane

A Double Girder Hoist Overhead Crane is a powerful lifting apparatus featuring two horizontal beams, or girders, that span the width of the crane bridge. This crane is equipped with dual hoists for increased lifting capacity and efficiency.

Turn key Jib Cranes

Precision

Engineered in Australia

Enhance your material handling efficiency with the TNC Cranes Jib Crane. Perfect for localized lifting tasks, this crane offers exceptional versatility and space-saving design, making it ideal for workstations, warehouses, and production lines. The jib crane's robust construction ensures durability and reliable performance, while its flexible positioning allows for precise load placement with 180-degree or 360-degree rotation. With advanced safety features and easy installation, the TNC Cranes Jib Crane provides a cost-effective and ergonomic solution for a variety of industrial environments. Choose TNC Cranes for a dependable and customizable jib crane that meets the highest standards of performance and safety.

Key Features

- **Space-Efficient Design:** Ideal for workstations and smaller spaces, providing localized lifting solutions.
- **Versatile Positioning:** Offers 180-degree or 360-degree rotation for extensive coverage and precise load placement.
- **Robust Construction:** Built with high-quality materials to ensure durability and long-lasting performance.
- **Advanced Safety Features:** Equipped with modern safety mechanisms to guarantee secure and safe lifting operations.
- **Easy Installation:** Simple and quick installation process with minimal structural requirements.
- **Ergonomic Operation:** Designed to reduce operator fatigue and improve efficiency with smooth and easy handling.
- **Customizable Options:** Tailored to meet specific operational needs and preferences for maximum flexibility.





Turnkey Single Girder Cranes

Precision

Engineered in Australia

Elevate your material handling operations with the TNC Cranes Single Girder Overhead Crane. Engineered for efficiency and durability, our single girder crane is the perfect solution for lifting and transporting heavy loads with ease. Designed to maximize space and optimize performance, it offers a cost-effective option without compromising on safety or functionality. With seamless integration into existing systems and easy customization options, the TNC Cranes Single Girder Overhead Crane ensures reliable and smooth operation in various industrial environments. Trust TNC Cranes to deliver robust lifting solutions tailored to meet your specific needs.

Key Features

- **Cost-Effective:** Offers an economical solution for various lifting needs without compromising on quality.
- **Optimized Space Utilization:** Single girder design maximizes workspace by minimizing headroom and side clearance.
- **Versatile Applications:** Suitable for a wide range of industrial environments and lifting tasks.
- **Lightweight Design:** Easier installation and integration into existing systems with reduced structural requirements.
- **Reliable Performance:** Engineered for consistent and dependable operation in demanding conditions.
- **Advanced Safety Features:** Includes modern safety mechanisms to ensure secure and safe lifting operations.
- **Customizable Options:** Flexible design to meet specific operational requirements and preferences for maximum adaptability.



Turnkey Double Girder Cranes

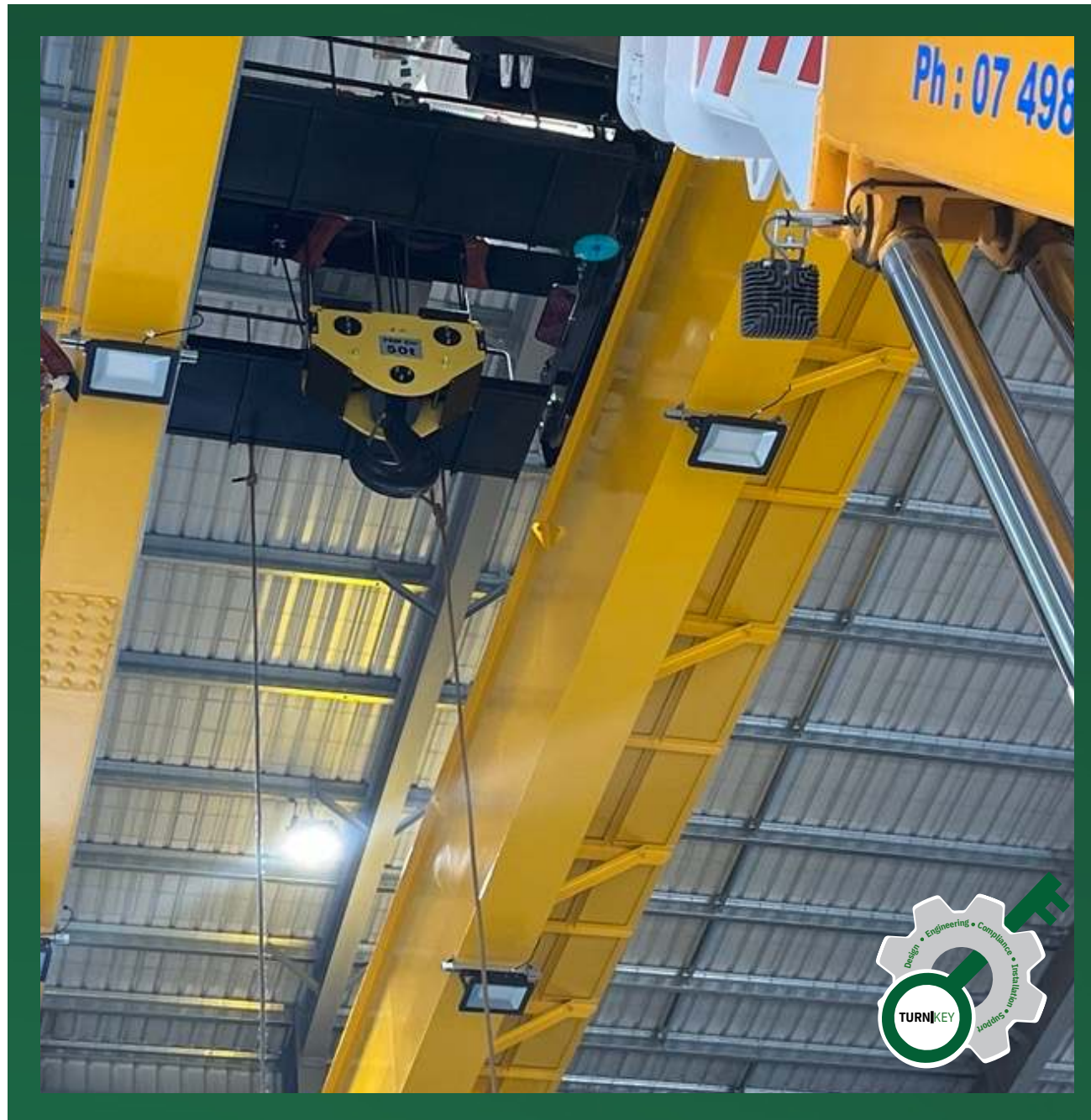
Precision

Engineered in Australia

Maximize your lifting capabilities with the TNC Cranes Double Girder Overhead Travelling Crane. Built for heavy-duty applications, this crane offers exceptional load handling and superior stability, making it ideal for demanding industrial environments. The double girder design provides increased strength and versatility, allowing for higher load capacities and longer spans. With advanced safety features and seamless integration with modern control systems, the TNC Cranes Double Girder Overhead Travelling Crane ensures efficient, reliable, and precise operation. Choose TNC Cranes for a robust and customizable lifting solution that meets the highest standards of performance and safety.

Key Features

- **High Load Capacity:** Capable of handling heavier loads with ease, suitable for demanding industrial applications.
- **Increased Stability:** Double girder design ensures superior stability and structural integrity.
- **Longer Span:** Ideal for applications requiring greater span lengths, providing versatility in various environments.
- **Advanced Safety Features:** Equipped with modern safety mechanisms to ensure secure and reliable operation.
- **Precision Control:** Seamless integration with advanced control systems for precise and efficient load handling.
- **Durable Construction:** Built with high-quality materials for long-lasting performance and minimal maintenance.
- **Customizable Options:** Tailored solutions to meet specific operational needs and facility requirements.





Turnkey Wire Rope Hoists

Precision

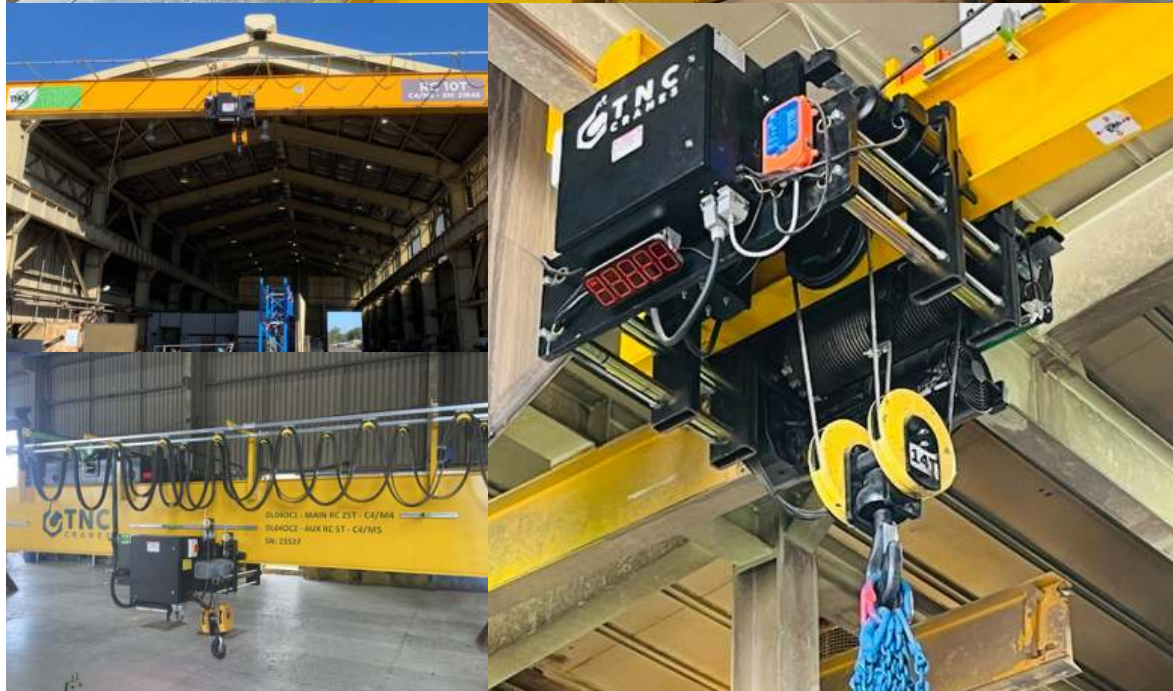
Engineered in Australia

Discover unmatched lifting performance with TNC Cranes Wire Rope Hoists. Engineered for durability and efficiency, our wire rope hoists are designed to handle heavy loads with ease and precision. Perfect for various industrial applications, they offer robust construction, advanced safety features, and seamless integration with your crane systems. With TNC Cranes Wire Rope Hoists, you can count on reliable operation, minimal maintenance, and enhanced productivity.

Key Features

- Enhanced Durability and Reliability:
 - The TNC Cranes Mine Series Electric Wire Rope Hoist is built to withstand demanding environments with its hardened gear and heavy-duty galvanized wire rope, ensuring long-lasting performance.
 - IP55/H insulation provides superior protection against dust and water, extending the hoist's operational life.
- Superior Safety Features:
 - The electromagnetic disk brake offers precise and reliable braking, enhancing safety during lifting operations.
 - Overheating and overloading protection mechanisms safeguard the hoist and the load, minimizing the risk of equipment damage and accidents.
- Ease of Use and Maintenance:
 - The Rotary Cam Limit Switch allows for easy setting of the down position on-site, while the up position is factory set, simplifying the setup process.
 - The Rope Guider reduces friction with the wire rope, resulting in less wear and tear and lower maintenance costs.





Current Projects

Turn Key



VALE CARBOROUGH DOWNS - IN PROGRESS

CHPP Monorails - 8 x 6.3T Wire Rope Hoist x 9m Lifting Height



ROLLESTON COAL - COMPLETE

Dragline 1 & 2 - 32T Wire Rope Hoist with 12.5T Aux Hoist on 14m Double Girder Crane



SOJITZ CRINUM - IN PROGRESS

Workshop Crane 10T Wire Rope Hoist x 14m Lifting Height



BMA BLACKWATER - COMPLETE

Dragline 26 -LHS and RHS - 10T Wire Rope Hoist on Custom Trolley x 12m



COLLINSVILLE COAL - COMPLETE

Workshop 12.5T Wire Rope Hoist x 12m Lifting Height



TERRACOM BLAIR ATHOL MINE - COMPLETE

Dragline 25T Main/ 10T Aux Double Girder Crane



RIO TINTO YARWUN - COMPLETE

25T Wire Rope Hoist x 32m Lifting Height



WHITEHAVEN BLACKWATER - COMPLETE

Dragline 38 -RHS Upgrade - 10T to 14T Wire Rope Hoist x 12m Lifting Height



CORONADO CURRAGH CHPP2 - COMPLETE

Workshop 5T Wire Rope Hoist x 30m Lifting Height and 19.5m Single Girder Crane



ANGLO AMERICAN - DAWSON - COMPLETE

Dragline 25T Wire Rope Hoist and 10T Aux Hoist on Double Girder Crane with Platform



ENSHAM RESOURCES - COMPLETE

Dragline 25T Wire Rope Hoist and 10T Aux Hoist on Double Girder Crane with Platform



CORONADO CURRAGH DL303 - COMPLETE

Dragline 303 - 12.5T Wire Rope Hoist on Swivel Trolley - Crane Refurb



ANGLO AMERICAN - CAPCOAL - IN PROGRESS

Dragline 102 - 2 x 20T Wire Rope Hoist on Single Girder Crane with Platform
Dragline 105 - 2 x 10T Wire Rope Hoist on Single Girder Crane with Platform



Tier 1 Major Projects

Mining

We are proud to announce the successful completion of a series of advanced crane projects for a Tier 1 mining customer in the Bowen Basin. Our cutting-edge crane solutions are specifically designed to meet the rigorous demands of the mining industry, ensuring optimal performance, safety, and reliability.

Recent Project:

Washplant Main Crane 12.5T Wire Rope Hoist with a 24m lifting height on a Double Girder Crane, providing robust and reliable lifting capabilities for essential wash plant operations.

Previous Successful Projects with this Customer:

Draglines:

- 12.5T under slung single girder hoist and crane overhaul and recertification.
- 12.5T Wire Rope Hoist with a 12m lifting height.
- 2 x Main Cranes with 12.5T capacity and 12m lifting height.
- 2 x Main Cranes with 14T capacity and 15m lifting height.

Washplant:

- 1.5T Wire Rope Hoist with a 30m lifting height on a 19.5m Single Girder Crane.
- 2 x 14T Wire Rope Hoists with a 30m lifting height, designed for heavy-duty applications.
- Horseshoe Crane with a 12.5T Wire Rope Hoist and swivel trolley, 15m lifting height.

Washplant HBF Cranes:

- 2 x 8T Cranes with a 15m lifting height, providing robust support for washplant operations.

Workshop:

- 20T Wire Rope Hoist with a 9m lifting height, ensuring reliable performance for workshop operations.





Tier 1 Major Projects

Mining

Project Overview:

We are proud to share our recent achievements with a Tier 1 customer in the mining sector. Our advanced crane solutions are designed to meet the demanding needs of the mining industry, providing superior performance, safety, and reliability.

Recent Project:

Wash Plant Crane Overhaul fitted with new 5T Wire Rope Hoist 30m Lifting Height

- Customised Power Supply Required: Specifically designed to protect against wildlife damage, ensuring uninterrupted operations and increased durability.

Other Successful Projects with this Customer:

Dragline Cranes:

- LHS Main Crane Continued Safe Use Major Inspection with 10T Wire Rope Hoist 12m Lifting Height
- RHS Main Crane Continued Safe Use Major Inspection with 10T Wire Rope Hoist 12m Lifting Height

Wash Plant:

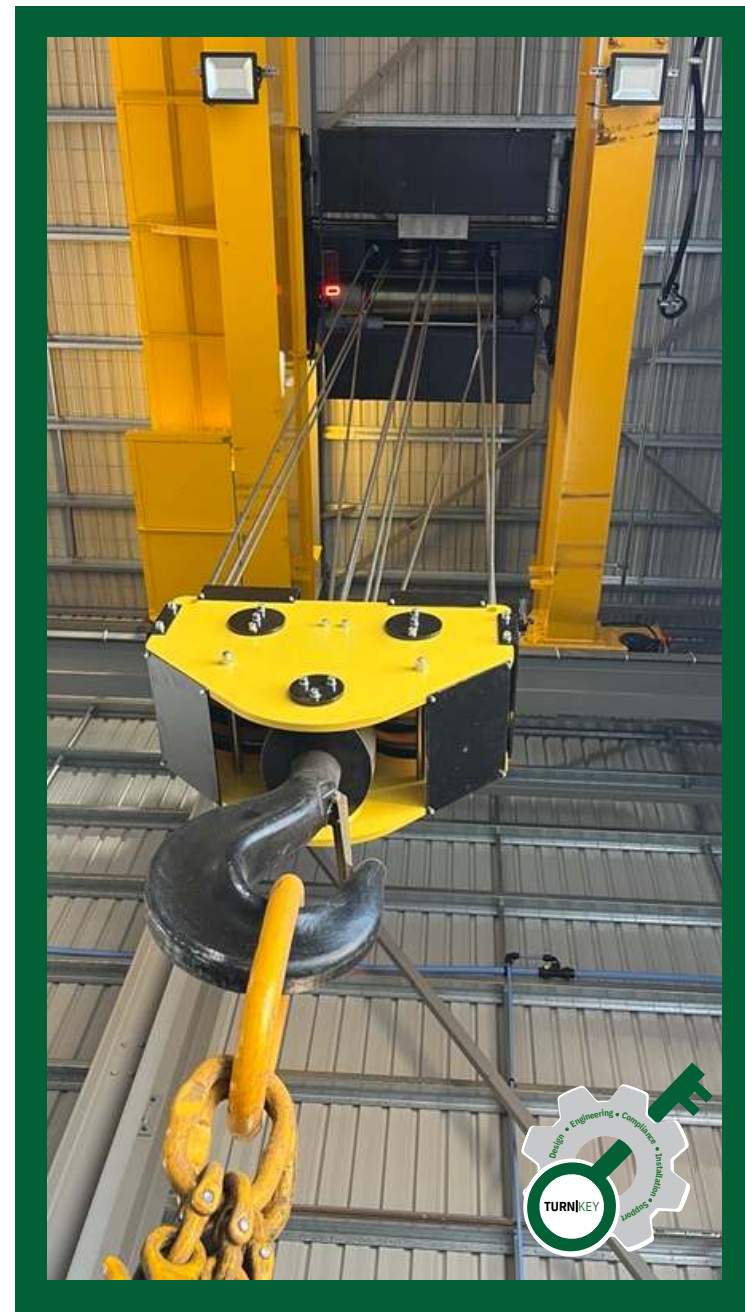
- Monorail System fitted with 3.2T Wire Rope Hoist 30m Lifting Height

Workshop Cranes:

- 5T Wire Rope Hoist 9m Lifting Height

New Project on Order:

- 6m Single Girder Crane with 10T Wire Rope Hoist 14m Lifting Height





Tier 1 Major Projects

Mining

Project Overview:

We are excited to announce our collaboration with a Tier 1 mining customer in the Central Highlands. Our innovative crane solutions are designed to meet the rigorous demands of the mining industry, providing unparalleled performance, safety, and reliability.

Recent Project:

2 Dragline Replacement Cranes due to Upgrade Requirements:
Double Girder Main Cranes with full length platforms each equipped with 32T Main and 12.5T Auxiliary wire rope hoists

Previous Successful Projects with this Customer:

Dragline 1:

- Delivered and installed 2 x 10T Wire Rope Hoists with a 6m lifting height for Propel Cranes

Dragline 2:

- Delivered and installed 2 x 10T Wire Rope Hoists with a 6m lifting height for Propel Cranes

Previous Successful Projects at Customer's Other Sites:

- During a 10 year Major Inspection we installed a 12.5T Wire Rope Hoist with a 12m lifting height onto an crane that failed its continued safe use analysis due to overload - Completed in 4 week turn around.
- Delivered a 16T Wire Rope Hoist with a 6m lifting height and installed onsite to an existing crane.



CRANE SALES, SERVICE, REPAIR ENGINEERING SOLUTIONS

ENGINEERING SUPPORT - TURN-KEY - DESIGN - SALE - SERVICE



 RC - 10T
CN03 - C4/M5
SN: 23699

Our mission is to ensure the highest level of service and support for our customers, leveraging our integrated network of trusted partners.

Our extensive service network spans Brisbane, Perth, Sydney, and Melbourne, ensuring comprehensive coverage and rapid response times.

Engineered Lifting Solutions

tncranes.com.au

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Service Support Locations

Emerald | Brisbane | Perth | Sydney | Melbourne

Contact Us

1300 163 422