



Elevating safety through innovation

Strut Handling Tool



HNA Group is a leading company based in Mackay, QLD, specialising in the design and manufacture of safety-focused tooling solutions for the mining industry. We are committed to advancing workplace safety through innovative technology, ensuring that our products enhance both operational efficiency and safety standards.

With extensive experience as qualified diesel fitters, we possess a deep understanding of the industry's needs and are dedicated to creating tools that not only meet purpose-specific requirements but also drive productivity and safety improvements.

Our Strut Handling Tool represents a significant advancement in the process of replacing front strut assemblies on Caterpillar haul trucks. This innovative tool simplifies the component change-out process by utilising a 16T forklift and the Strut Handling Tool, eliminating the need for overhead cranes and complex lift plans.

The tool is designed for ease of use and enhanced safety: simply attach it to the strut assembly, remove the entire unit from the chassis, and use the remote control to safely lower the strut to a horizontal position. For installation, the assembly is raised back into a vertical position, and the remote control allows precise rotation to align the keyway and position the assembly back onto the chassis.

HNA Group continues to lead the way in providing cutting-edge safety solutions that streamline operations and reduce risks in the mining industry.



STRUT HANDLING TOOL

Revolutionising Heavy Equipment Maintenance

EFFICIENCY AT ITS BEST

- Simplified Operations: Eliminates the complexity of traditional lifting procedures, reducing time and risk.
- Faster Maintenance: Minimises heavy mobile equipment (HME) downtime, keeping operations on track.

UNMATCHED COMPATIBILITY

- Designed for Caterpillar Haul Truck front strut assemblies, including models 777, 785, 789, and 793.

STATE-OF-THE-ART DESIGN

- Advanced Hydraulic System: Remote-controlled, 24 VDC electric-over-hydraulic technology for precision handling.
- Solar Charging Capability: Sustainable and eco-friendly power option for continuous operation.
- 4-Way Movement: Ensures accurate and flexible positioning of strut assemblies.
- Standards-Compliant: Engineered to meet Australian safety standards and RS23 requirements.

SEAMLESS INTEGRATION

- Forklift Compatibility: Designed for use with a 16-tonne forklift, ensuring stability and ease of operation.



WHY CHOOSE OUR STRUT HANDLING TOOL?

- Enhances operator safety
- Reduces operational costs
- Maximises uptime for critical machinery



STRUT TOOL TRANSPORT FRAME

Key Features

PURPOSE-BUILT DESIGN

- Specially engineered to securely store and transport the Strut Handling Tool with ease.

INTEGRATED SOLAR CHARGING

- Features a fold-out solar panel for convenient on-the-go battery charging, enhancing operational readiness.

ORGANISED STORAGE

- Includes designated spaces for adapter plates and a charging cable, keeping all components organised and accessible.

ENHANCED SAFETY FEATURES

- Equipped with personal lockout safety isolators to ensure safe operation during storage and transport.

DURABLE PROTECTION

- Comes with a high-quality canvas cover to shield the tool from dust, debris, and environmental elements.

COMPLIANCE AND RELIABILITY

- Designed and engineered to meet Australian Standards, ensuring safety and performance.



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