



Tradition in Dynamic Innovation



**DEFENCE SOLUTIONS**

# Lightweight and Secure Load Restraint Systems



**RUD provides first-rate lashing systems for the transport of defence force equipment on land, sea and air, in accordance with the latest Australian and International defence force standards.**

Our systems are made using the most advanced technology available to ensure safe operation in all weather conditions without compromising optimal load stability or security, for all applications.

Our standard products and unique solutions are used in a number of defence applications worldwide and continue to perform under the most extreme and challenging conditions.

We specialise in:

- Design and initial development of the lashing concept
- Customised solutions for specific equipment
- Optimal load securing with a coordinated selection of high-quality lashing chains
- Integrated pretension indicators.

## Advice on all aspects of Safe Load Securing

Globally, we are a certified contractor for military systems and equipment for land, air and sea vehicles involved in many new projects and maintenance of current systems and vehicles. This includes:

- Special weight reduced lashing chains for air, land and sea transport
- Lashing and Lifting points to ensure safe transport inside and outside the vehicle.



# Specialised Lifting Solutions



**As a leading manufacturer of lifting devices, RUD is proud to provide outstanding products for both standard and specialist applications.**

Our innovative chain technology enhances system weight, while our flexible modular systems mean less transport space is required. Most importantly, the ergonomic design makes our equipment safe and easy to use in all conditions.

Our robust lifting devices work under harsh weather conditions from extreme highs in temperature down to  $-60^{\circ}\text{C}$ . The advanced metallurgy of the ICE and VIP range of lifting and lashing chains is unique to RUD, allowing smaller, lighter components with comparably higher lifting capacities. Designed and manufactured to suit special applications or vehicles, RUD Lifting devices offer many advantages:

- Largest range of lifting and lashing points in the world
- Optimised system weight with the latest chain technology
- Less transport space required due to the flexible modular system
- Ergonomic design enables easy and safe handling
- Applicable under harsh conditions ( $-60^{\circ}\text{C}$ )
- Unique RUD overload indicator which deforms before the lifting device becomes damaged
- Forged safety latches on each hook
- No reduction of the Working Load Limit by using RUD shortening devices
- All components are marked with a tracking code (many components standard with RFID).



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# Safe Heavy Vehicle Maintenance



**Endurequip Hoists, a subsidiary of RUD Chains Australia, are the only heavy vehicle hoists approved by the Australian Defence Force and the only Australian made manufacturer of heavy vehicle hoists.**

The Portalift® Hoist has a lifting capacity of 7.5 tonnes per hoist or 60 tonnes overall for a set of 8 hoists. The hoists use a unique RUD calibrated chain drive system meaning that it is the safest and most robust portable hoist available in Australia. The Portalift has the advantages of being:

- Low maintenance — uncomplicated electronic circuitry coupled with “off the shelf” componentry provides reliable, trouble free operation.
- Dustproof and water resistant — all switches, control boxes and motors are rated at IP65 and can be used in wash bays or in harsh environments.
- Built for a contemporary defence force — our range includes Portalift® hoists, stands and accessories.

## Tyre Protection and Traction Chains

Our resilient non-skid ice and traction chains are specially developed for harsh conditions guaranteeing maximum traction on snow, ice and off road. We manufacture our non-skid chains according to the latest civilian and specific defence force standards.

Our selection of lightweight traction chains have sturdy grip links that provide necessary bite to move easily across soft sand or dirt and icy ground, which is an essential accessory for the unpredictable working environments of the defence force.

On land, sea and in the air, RUD defence technology is meeting the specific needs of the world’s armed forces with our high-quality products, innovative approach and expertise.



# Our Experience

RUD Chains is an expert global provider of standard and specialist applications for the defence force. In Australia, we supply a range of lifting, lashing and load securing devices, tyre protection and traction chains and heavy vehicle lifting systems.

We know that our defence force demands their equipment to be of the highest standard, which is why we pride ourselves on RUD's reputation for quality, innovation and know-how. We are committed to embodying our company wide motto, 'Tradition in Dynamic Innovation.'

Through continuous research and development, we are able to manufacture standard or specialised Defence solutions with consistent quality standards that exceed expectations. Our experience, coupled with passion and diligence are the qualities which enable us to maintain our impeccable reputation.

RUD is ISO 9001 certified and have many products with NATO Serial Numbers (NSN's). We are renowned for our expertise in heat treatment methods—delivering high-performance chain and related products to suit the most exacting defence force applications.



# Our Certifications

Here in Australia, RUD prides itself to its ongoing commitment in ensuring our engineered solutions, manufacturing processes and proof loading facilities comply with recognised, global and Australian standards, ensuring the quality our Defence Force expects.

- AS/NZS ISO 9001:2008 Quality Management Systems,
- AS/NZS ISO 14001:2004 Environmental Management Systems,
- AS/NZS 4801:2001 Occupational Health & Safety Management Systems,
- ISO-IEC 17025 Standard Applications Document for Accreditation for Testing and Calibration Facilities,
- LEEA Lifting Standards Worldwide, and
- NATA- National Association of Testing Authorities Australia.



Full Member



Quality  
ISO 9001



Environment  
ISO 14001



Health & Safety  
AS 4801



# Worldwide presence / Local service



## RUD Dynamic Innovation

The RUD Group, with a manufacturing facility and head office based in Germany, is a dynamic family owned group which has been active worldwide for over 140 years.

Since the establishment of the Australian subsidiary in 1984, through our collaborative approach we are now a partner of choice for organisations that value our quality niche products and solutions.



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