

**cordstrap**

CASE STUDY



## CORDSTRAP ENGINEERS OUT RISK THROUGH **EXPERTISE AND SAFE, STRONG, COMPLIANT SOLUTIONS**

### BACKGROUND AND ISSUE

Shipping heavy break-bulk cargo on flat racks and onboard ships is a complex process:

- Lead times can be tight
- Late or damaged goods increase costs and can damage relationships with customers
- International regulations covering transport are complex and varied
- Certain securing methods require multiple operators, which increases costs, and can cause damage to cargo and injuries to operators, these include:



#### STEEL STRAP

This can oxidise, cause damage to goods in transit and has very low elongation with no margin for shock absorption. In addition, it has a high risk of causing injury and is difficult to apply, requiring two separate tools (one to seal and one for pretension).



#### CHAINS AND STEEL WIRE

These are very hard to handle and place, can loosen easily and damage loads. Their application is not consistent as it is dependent on the individual operator. They can also corrode.



#### WOOD BLOCKING

This takes a great deal of time to place. Its efficiency depends on several factors like wood and joints quality, operators and wood humidity. Heat treated wood is required which increases costs and complexity of the securing process. Damage to goods can also occur during application.

Cordstrap believes there is a better way. The solution to securing heavy break-bulk cargo should not include old-fashioned, dangerous, inconsistent methods. Our cargo protection experts have worked with many shippers of heavy-duty goods to engineer out risk through the innovative application of efficient, cost-effective, safer solutions.

## SOLUTION

Cordstrap is focused on collaborating with customers, seeking to improve on any existing cargo protection solution. We anticipate danger throughout the shipping journey and mitigate risk at every step. Our experts' first step is to analyse the customers' needs for any specific cargo and advise a plan that uses the latest lashing technologies and products. Ensuring that every cargo journey is optimized for safety and efficiency.

Once a lashing plan is in place, the unique combination of Cordstrap's woven polyester lashing and patented Dynablock load buckle can ensure the ultimate in cargo securing. Cordlash answers the challenges presented by other methods of securing heavy goods. It is stronger, safer, and quick and cost-effective to apply – one operator can secure a load. Cordlash is also certified by DNV and IMO compliant.



### CRATE ON FLAT RACK

Previous method Steel wire  
> converted to Cordlash 750.



### RAIL WAGONS OR MAFI

Previous method Steel Chain  
> converted to Cordlash 1500.



### STEEL COILS ON HOLD

Previous method Steel banding  
> converted to Cordlash 200.



### BLADES ON DECK

Previous method Steel Chains  
> converted to Cordlash 1500.



### FIBER & STEEL PIPES ON DECK

Previous method Steel Wire  
> converted to Cordlash 1500.



### MACHINERY ON HOLD

Previous method Steel Chains or Steel Wire  
> converted to Cordlash 750 or 1500.

## KEY LEARNING

Whether shipping rail wagons on MAFI trailers, steel coils in the hold of a ship, or industrial windmills on deck, Cordstrap cargo protection experts have the skill and technical knowledge to engineer out risk and ensure the safest, most effective, and compliant solution to transporting heavy goods.

For peace of mind when shipping large loads globally, the answer is Cordstrap.