

Uni-Spreader Beam

Inhouse Engineered Spreader Beam

1. Introduction

Unique Group introduces its inhouse engineered Spreader Beam which has been developed utilizing decades of safe lifting experience working with clients globally. The Uni-Spreader beam is a versatile lifting device that can be used across various industries for safe and efficient handling of heavy loads.

Designed to evenly distribute weight, it reduces the stress on lifting slings and minimizes the risk of damage to the load or lifting equipment.



2. Features

- **Enhanced Load Stability:** By spreading the load over multiple lifting points, the beam ensures balanced lifting, improving control and precision.
- **Versatility:** Suitable for a wide range of lifting applications, from construction and offshore operations to manufacturing and logistics.
- **Safety First:** Designed with robust materials and adhering to stringent safety standards, it reduces the risk of accidents during heavy lifting operations.
- **Customizable Configurations:** Available with various features, including integrated load monitoring systems, to meet specific operational requirements.

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3. Applications

- › Heavy Equipment Lifting
- › Wind Energy Sector
- › Oil & Gas Industry
- › Specialized Applications

4. Specifications

- › **Accreditations:** Designed to DNV-ST-0377 with all structural design in accordance with EN 1993-1-1
- › **Working Load Limit (WLL):** 1800te for the primary 12m span - consisting of 2 x 5m struts & 2 x 1m end units.
- › Maximum vertical angle deviation = 6deg FROM VERTICAL
- › **Ease of Handling:** Integrated lift points utilizing standard MOD deck plates simplify assembly and handling.
- › **Transport-Friendly Design:** Flat sections profiled onto the bottom of the flange/splice plates prevent rolling and ensure proper orientation during transport of struts and end units.





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5. Smart Load Monitoring

- › For precise and safe operations, the spreader beam is compatible with advanced load cell technology. Users can opt for a load cell integrated into the upper slings or a load cell pin in the drop link and delta plate setup. The load cell pin configuration is ideal for operations with vertical lifting space constraints, offering a compact and efficient solution without compromising safety or measurement accuracy.

6. Additional Services We Provide

- › Unique Group provides a turnkey solution, covering all aspects of lifting operations, including load testing and certification services, Water Weights® hire and sales, as well as rigging and lifting equipment rental and sales.



Unique Group

Deep Imagination

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