

# Buyer's Guide

## CABLE REEL TRANSPORTER



PRODUCT SITE

### 1A. OUR PRODUCTS



**CABLE REEL TRANSPORTER**



**60,000 LB CABLE REEL TRANSPORTER**



**COIL TRANSPORTER WITH SPIKE**



**265,000 LB CABLE REEL TRANSPORTER**



**80,000 LB CABLE REEL TRANSPORTER**

THE FINAL PAGE CONTAINS A LIST OF QUESTIONS FROM OUR ENGINEERING TEAM. PLEASE FEEL FREE TO FILL THEM OUT IN ADVANCE.

### 1B. REEL OPTIONS

Choosing the appropriate reel placement method for cable reels is essential for safe and efficient handling. Depending on the application, operators can select either spike or cradle transport systems, each tailored to accommodate specific operational requirements and reel configurations.

#### CRADLE

Cradle-style transporters lift the cable reel from the bottom, providing stable support during movement. This method is ideal for reels resting on the ground, allowing for easy loading and secure transport.



#### SPIKE

Spike-style transporters lift the cable reel from the center by inserting a spike into the reel's core. This method allows for efficient handling in tight spaces and is ideal for applications requiring variable reel height, reel diameters, or soft materials.



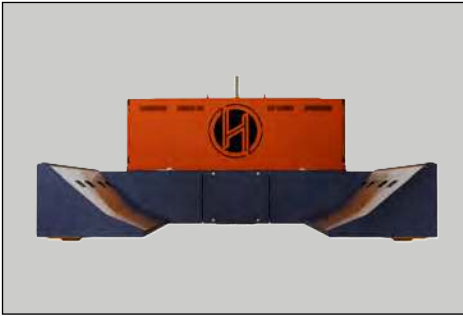
---

## 2A. FIXED

---

Fixed cable reel transporters are designed to handle specific reel sizes, providing a stable and reliable transport solution. These transporters feature a rigid cradle system that securely holds the reel in place during movement. Because they are built for a specific reel diameter and width, they eliminate the need for adjustments, making them an option for operations that handle consistent reel sizes.

However, the fixed design means they cannot accommodate reels of varying dimensions without modifications. If different reel sizes are required, multiple transporters or custom attachments may be necessary to ensure proper fit and safe handling. This makes fixed cable reel transporters best suited for applications with standard reel specifications and minimal variation in size.



---

## 2B. ADJUSTABLE

---

Adjustable cable reel transporters are designed to accommodate reels of varying sizes, offering flexibility for operations that handle multiple reel dimensions. These transporters feature adjustable cradles or mechanisms that can be modified to fit different reel diameters and widths, allowing for a more versatile solution compared to fixed transporters. This adaptability reduces the need for multiple transporters and ensures efficient handling of various reel sizes within the same facility.

While adjustable cable reel transporters provide greater flexibility, they may require additional components or mechanisms to allow for size adjustments. This can result in a more complex design and potentially higher costs compared to fixed transporters. However, for operations that frequently work with reels of different sizes, the ability to carry multiple-size cable reels reduces the need for multiple transport systems.



### 3A. POSITIONING THE REEL ON THE TRANSPORTER

On a cradle transporter, the cable reel rests with its eye positioned horizontally, facing outward on both sides. The reel sits on support arms or a platform that lifts from underneath, providing a stable base during movement. The weight is evenly distributed across the cradle, ensuring secure transport without the need for additional securing mechanisms.



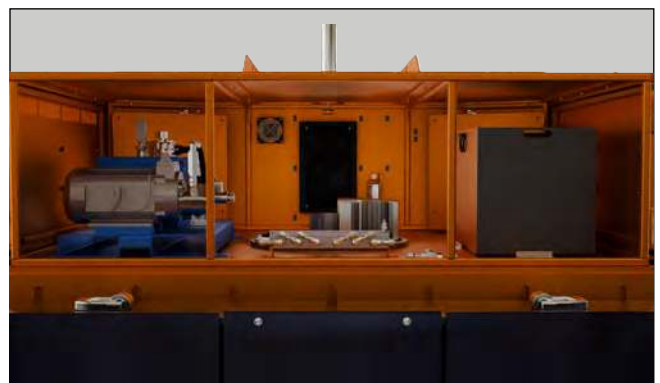
In contrast, a spike transporter supports the reel by inserting a central spike into the reel's core, suspending it for transport. This allows for more flexible height and diameter allowances, but requires the properly sized core.



### 3B. MAINTENANCE

Maintenance for cable reel transporters is generally minimal but essential for ensuring long-term performance. Routine inspections should focus on the lifting mechanisms, structural components, and any moving parts to check for wear, misalignment, or damage. All bearings, rollers, or wheels should be lubricated as recommended by the manufacturer. Additionally, electronic components such as control systems and safety features, including emergency stops and sensors, should be tested periodically to ensure proper functionality.

For cradle-style transporters, operators should inspect the support arms or platform for any signs of bending or stress, especially when handling heavy reels. In spike-style transporters, attention should be given to the spike itself, ensuring it remains structurally sound and properly aligned within the reel's core. Following a regular maintenance schedule will help prevent unexpected breakdowns and extend the lifespan of the transporter.



#### CONTACT SUPPORT

For spare parts, visit the Align Store or contact us at [support@alignprod.com](mailto:support@alignprod.com) for support or any other inquiries.

[support@alignprod.com](mailto:support@alignprod.com)  
[www.alignprod.store](http://www.alignprod.store)



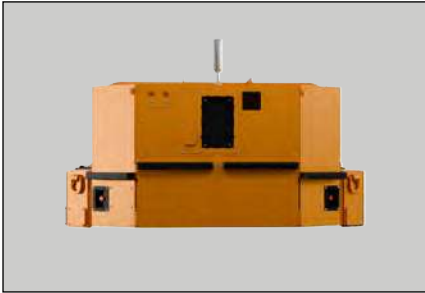
---

## 4A. SAFETY

---

Safety is a critical consideration when operating cable reel transporters, as these machines handle heavy loads. Operators should always ensure that the reel is properly secured before transport, whether it is resting in a cradle or mounted on a spike. Overloading the transporter beyond its rated capacity can lead to structural damage or instability, increasing the risk of accidents.

Both cradle and spike transporters are equipped with essential safety features, can also include velocity fusing and counterbalance valves for hydraulic stability. Regular equipment inspections and adherence to manufacturer safety guidelines will help ensure safe operation while minimizing the risk of injury or damage. Safety sensors and features can also be customized to comply with your safety standards.



---

## 4B. OPTIONS

---



### REMOTE CONTROL OPERATION

Provides enhanced operator control and safety by allowing movement and adjustments from a distance.



### AGV (AUTOMATED GUIDED VEHICLE)

Transporters can be fully autonomous to automate your production line allowing you to increase productivity and reduce downtime.



### CUSTOM SAFETY FEATURES

Safety measures such as load sensors, collision detection, and emergency stop enhancements for improved operational security.



### HEAVY-DUTY WHEELS OR TRACKS

Different wheels sizes can be added for various floor conditions, including uneven or debris-filled surfaces.



### INTEGRATED WEIGHING SYSTEM

Measures the weight of the reel during transport, helping with load management and inventory tracking.



### WEATHERPROOFING

Optional gasketing of critical structures and components to protect your equipment in washdown stations and spills.



# APPLICATION FORM CABLE REEL TRANSPORTER

www.alignprod.com



www.alignproductionsystems.com/request-a-quote/

THIS SHEET IS OPTIONAL, BUT OUR TEAM WILL ASK THESE AND OTHER QUESTIONS TO BETTER UNDERSTAND YOUR PROJECT. PLEASE ANSWER TO THE BEST OF YOUR ABILITY, AS SOME RESPONSES MAY AFFECT OTHERS. OUR TEAM WILL HELP YOU WORK THROUGH IT.

### PRIMARY CONTACT INFORMATION:

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_

### PROJECT DESCRIPTION:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### Outer diameter (OD)

Maximum: \_\_\_\_\_ Minimum: \_\_\_\_\_

#### Depth

Maximum: \_\_\_\_\_ Minimum: \_\_\_\_\_

Type of material on reel: \_\_\_\_\_

Material of drum flanges: \_\_\_\_\_

Weight: \_\_\_\_\_

Orientation while being moved:  Eye forward  Eye to side

Travel distance: \_\_\_\_\_

#### Where used:

Indoor only  Outdoor only  Indoor and Outdoor

Doorway restrictions: List smallest doorway \_\_\_\_\_

Width \_\_\_\_\_ Height \_\_\_\_\_

