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Tractel 01609902460K

Tractel Griphoist TU28 Series Manual Wire Rope Hoist

Brand: Tractel | Model: TU28 Serie (01609902460K)

INTRODUCTION

The Tractel Griphoist TU28 Series Manual Wire Rope Hoist is a robust and portable lifting and pulling device designed for heavy-duty applications. With a 2-ton (4000 lbs) weight capacity and a 60ft galvanized wire rope, it offers high mechanical advantage for various tasks including lifting, pulling, lowering, tensioning, and guying. Its versatile design allows operation in any position – horizontal, vertical, or angled – with millimeter accuracy, making it an essential tool for diverse environments from construction sites to rescue operations.



Image: The Tractel Griphoist TU28 Series Manual Wire Rope Hoist, showcasing its compact design and integrated wire rope.

SAFETY INFORMATION

Always prioritize safety when operating the Griphoist. Read this manual thoroughly before use. Ensure all components are in good working order and free from damage. Never exceed the rated load capacity of 2 tons (4000 lbs). The hoist is equipped with overload shear pins for safety; if these activate, the load is still controlled. Regular inspection and maintenance are crucial for safe operation.

- Always wear appropriate personal protective equipment (PPE), including gloves and safety glasses.
- Ensure the hoist is securely anchored before applying any load.
- Keep hands and clothing clear of moving parts, especially the wire rope and clamping jaws.
- Do not use the hoist if the wire rope is frayed, kinked, or damaged.
- Never attempt to engage or disengage the clutch while the hoist is under load.
- Ensure the working area is clear of obstructions and personnel.

PRODUCT OVERVIEW

Key Features:

- **Ultra Portable:** Weighing less than 40 lbs, it is easy to transport and store.
- **Heavy Duty Power:** 2-ton (4000 lbs) capacity for demanding conditions.

- **Telescopic Operating Handle:** Provides high mechanical advantage and precise control.
- **Built for Reliability:** Premium construction with low-wear clamping jaws and overload shear pins.
- **Multiple Applications:** Suitable for lifting, pulling, lowering, tensioning, and guying in any position.

Components:

The Tractel Griphoist TU28 consists of the main hoist body, a telescopic operating handle, and a galvanized wire rope with a hook. The hoist features a clutch release lever for easy cable insertion and removal.



Image: Side view of the Griphoist, showing the main body and levers.



Image: A coil of galvanized wire rope, typically supplied with the Griphoist.

SETUP

Proper setup is critical for safe and effective operation. Follow these steps:

1. **Put the Clutch Release Lever in Neutral:** Locate the clutch release lever on the hoist. Move it to the neutral position. This disengages the internal mechanism, allowing the wire rope to pass freely.

Your browser does not support the video tag.

Video: Demonstrates putting the clutch release lever in neutral. This action is crucial before inserting the wire rope.

2. **Insert Cable:** Feed the wire rope through the hoist body. Ensure it passes smoothly through the clamping jaws. Pull enough rope through to reach your anchoring point.



Image: A person inserting the wire rope into the Griphoist mechanism.

3. **Re-engage Clutch Release Lever:** Once the cable is inserted, move the clutch release lever back to its engaged position. This locks the wire rope within the hoist's clamping mechanism.
4. **Anchor the Hoist:** Securely attach the hoist's hook to a stable anchor point. This could be a tree, a structural beam, or another fixed object, ensuring it can withstand the intended load.

OPERATION

The Griphoist operates using two levers for precise control over the wire rope movement.

Forward Lever Operation (Pulling/Lifting):

To pull or lift the load, insert the telescopic handle into the forward lever. Operate the handle with a smooth, consistent motion. Each stroke of the lever will advance the wire rope, moving the load towards the hoist. The hoist can pull or lift loads over any height or distance, limited only by the length of the wire rope.



Image: A firefighter demonstrating the forward lever operation of the Griphoist in a recovery scenario.

Reverse Lever Operation (Releasing/Lowering):

To release or lower the load, insert the telescopic handle into the reverse lever. Operate this lever to gradually release the wire rope, allowing the load to move away from the hoist. This provides controlled lowering or tension release.

The Griphoist is highly versatile and can be used in various applications, including tree removal, vehicle recovery, and construction. It can pull in any direction: vertical, horizontal, or diagonal.

Your browser does not support the video tag.

Video: Demonstrates various applications of the Griphoist, including tree removal, highlighting its versatility in different pulling directions.

MAINTENANCE

To ensure the longevity and reliable performance of your Tractel Griphoist, regular maintenance is essential:

- **Cleaning:** After each use, especially in dirty or harsh environments, clean the hoist body and wire rope to remove dirt, debris, and moisture.
- **Lubrication:** Regularly lubricate the moving parts of the hoist, including the clamping jaws and internal mechanisms, according to manufacturer recommendations. This reduces friction and wear.
- **Inspection:** Before each use, inspect the hoist, wire rope, and hooks for any signs of wear, damage, corrosion, or deformation. Pay close attention to the wire rope for kinks, frayed strands, or broken wires.
- **Shear Pins:** The hoist is equipped with overload shear pins. Familiarize yourself with their location and how to replace them if they activate. Spare shear pins are typically included in the handle.
- **Storage:** Store the Griphoist in a clean, dry environment when not in use to prevent rust and damage.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Griphoist. For complex problems, contact Tractel customer support.

Problem	Possible Cause	Solution
Wire rope does not feed smoothly.	Clutch not fully disengaged; debris in jaws; damaged rope.	Ensure clutch lever is in neutral. Clean jaws. Inspect and replace damaged rope.
Hoist not holding load.	Clutch not fully engaged; worn clamping jaws; activated shear pin.	Ensure clutch lever is engaged. Inspect jaws for wear. Check and replace shear pin if broken.
Excessive force required to operate levers.	Lack of lubrication; overloading; internal mechanism issue.	Apply lubrication. Ensure load is within capacity. Contact service if issue persists.

SPECIFICATIONS

Attribute	Detail
Manufacturer	Tractel
Part Number	01609902460K
Item Weight	43 pounds
Product Dimensions	26 x 13 x 5.75 inches
Country of Origin	France
Item Model Number	01609902460K
Size	60 Ft. Lift
Color	2 Ton
Style	Manual Wire Rope Hoist
Material	alloy_steel
Power Source	hand Powered
Special Features	Easy installation and operation, Works in any position: horizontal, vertical, or angled, Man-riding equipment, Lightweight and portable
Usage	UI - Man Riding
Included Components	1 griphoist TU28 with a 60' Wire Rope

WARRANTY AND SUPPORT

The Tractel Griphoist TU28 Series comes with a **1-Year Warranty** from the date of purchase. For warranty claims, technical assistance, or any product-related inquiries, please contact Tractel Customer Support.

For more information and detailed support resources, please visit the official Tractel website or refer to the contact information provided with your product packaging.