

# TRAKJAK EURO-PRO

## Agricultural Tractor-Jack



## USER MANUAL.



**WARNING:** This Tractor- Jack is designed for use by Professional Tractor-Mechanics. who have read and understand the contents of this manual. If any aspect of the contents of this manual is not clearly understood, contact your supplier, or Trakjack Ltd. directly, before attempting to use it.

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### 3. Explanation of Labels

#### a. Main lable.

- Max Load: 12 Tonnes
- Net Weight: 660 kg
- Serial No:
- Year of construction:



**The product complies with all relevent EU Safety Standards**

#### b. Warning labels.

Warning labels identify zones of high risk of entrapment in the product.



General  
**WARNING**  
sign.



**Risk of  
Finger/Hand  
Entrapment.**



**Risk of  
Crushing Of Body**

## 2. Customer/Owner Responsibility



**WARNING. The Customer/Owner of this equipment is responsible for ensuring that:**

- The jack is inspected regularly in compliance with relevent national **Safety at Work Regulations.**
- Users are appropriately qualified mechanics.
- Users have read and understand this manual.
- Users have received training in its safe use .
- Users have signed the Certified-User List.(Page 8)
- The jack is shipped with a bar to hold the Lifting-Platform and its component parts in position while in transport.

**NOTE** This '**Shipping-bar**' must be removed before use, but, **must not be removed** until the Trakjak **is in an upright position,** on solid ground.

### 3. Safety

#### a. Never use the jack:

- In rain, dust or fog.
- On a surface that is not dry, smooth and level!

#### b. Keep the workspace around the jack free from clutter, and well-lit.

#### c. When moving/positionng the jack, use a pallet and fork-lift.

#### d. Positioning/adjusting the Shipping-Bar, Lifting-Bar or Lifting- Platform, requires two people.

#### e. Always wear:

- Safety shoes,
- Safety gloves,
- Safety glasses

#### f. If driving, it is essential to avoid :

- Uneven ground
- Sharp turns
- **Speeds above 0.5kmh**

#### g. When not in use, store the jack in a dry area.

### 4. Accessories

- The 'rear- linkage-withdrawal' security kit (allows for safe-detachment of the rear-linkage arms when the jack is in position.)

## **5. Operation.**

### **a. Introduction**

The 'Trakjak' is a novel, patented tool, designed to raise tractors from the ground, using the tractor's own rear- linkage arms, and facilitating removal of the rear wheels.

'Trakjak' is certified to a 12-tonne lifting capacity.



Trakjak's frame has two solid rubber wheels at the front, and two lower- link fixing brackets, with removable anchor pins, at the rear of the frame, to secure the tractor's linkage arms.



The linear position of the link fixing brackets is adjustable to accommodate different tractor sizes

Two adjustable support stands at the rear secure the jack when it is in its raised position.

### **b. Lifting-platform.**

The lifting-platform, which carries the tractor's weight, is double-hinged, to allow automatic adjustment to suit the tractor's underside.



The lifting-bar and rollers, located underneath the platform, slide in the platform's slot, as required.



The lifting- bar, and its rollers, is normally located in the rear slot.

### **c. Using the Jack.**



#### **WARNINGS.**

##### **Before starting:**

**Move the jack with a pallet and fork-lift.  
and**

**Place the jack on a flat, clean,  
level surface.**

i. Locate the tractor's lower - linkage-balls.



ii. Remove the lock- pins from the lower-link fixing brackets.



iii. Fit the tractor's lower- linkage- ball to the lock pins, and reinstall.

iv. Reverse the tractor over the jack, and adjust the location of the lower -link fixing bracket to suit tractor size.

v. Adjust the height of the linkage arms until they slide into the lower- link fixing bracket.



**WARNING. While reversing, ensure that there is no risk of impacting with people or things.**



**WARNING. When the linkage arms are in place, replace and secure all the locking pins!**



**WARNING. Beware of the risk of Finger/Hand Entrapment!**



**WARNING. Fit wedge-shaped oscillation-stop blocks over the front axle before raising the jack.**

vii. Raise the rear-linkage slowly until the lifting-platform is close to the underside of the chassis.

viii. Check that the tractor's chassis is located correctly on the lifting platform.

ix. If the positioning is satisfactory, continue to raise the rear linkage, lifting the rear end of the frame, and the tractor's rear wheels, from the ground.

The Trakjak's front wheels remain in the ground, and as the lift arms are raised, the entire frame pivots, pushing the front wheels of the Trakjak down and raising the rear of the tractor off the ground.

x. Stop the lifting action when the rear wheels are sufficiently off- the- ground.



xi. Lower the two support stands at the rear to the ground, and secure in the most suitable fixed position.



**WARNING. The rear swivel - wheels of the Trakjak are for positing only, and are not capable of supporting the tractor load !!**

x1. With the adjustable support stands in the fixed position, secured in place by their fixing pins, slowly lower the linkage arms to settle on the support stands, taking the weight off the tractor.

This secures the jack when the wheels are being removed/refitted.

The system and tractor are very stable, even with the tractor's rear wheels raised completely off the ground. The tractor's wheels can now be removed safely.



**WARNING. Never work underneath the tractor without the rear-support stands being secured in position.**

**e. Moving the**

For a four-wheel-drive tractor, with the rear wheels off, and the support stands raised, the combination can be driven, **very slowly, for short distances, over a firm, level surface.**



**WARNING. Driving speed must be less than 0.5kmh.**

**f. Front Linkage tractors.**

Trakjak can be used to raise the front wheels of tractors equipped with front linkage .

i. Trakjak is slid underneath the front end of the tractor.

ii. Front linkage arms are inserted into Trakjak's lower linkage fixing brackets, and secured .

iii. The linkage arms are raised, lifting the rear of the jack to the desired level.

iv. Support stands are now lowered to ground (to nearest fixing-pin level) and secured in place.

v. Front linkage arms are lowered, raising the tractor front from the ground.



This application can be used to facilitate :

- a. Removal of front wheels.
- b. Washing of tractor's underside.

**g. Rear-linkage-withdrawal security kit.**

If, for any reason, **in the static position,** it becomes necessary to take away the rear-linkage, the kit supplied with the Trakjak contains adjustable attachments to secure the support stands from the tractor's tow-hitch .



**WARNING. The support stands must be securely in place before using the kit.**

The kit consists of three pieces:

Part A,  
The hitch-couple



and

Part B,  
Two-off adjustable length, top-link.



The top-link s are then adjusted in length to secure the connection.

The hitch-couple, (Part A) attaches to the tractor's tow-hitch.



The two top-links (which are adjustable in length) connect between the hitch-couple, and the most appropriate spare opening in the support stands.



**When the connections are secure, the anchor pins can be withdrawn from the fixing brackets.**

**The linkage arms can now be withdrawn from the lower-link fixing brackets.**

## **6. Maintenance and cleaning**

It is important to regularly:

- i. Clean the jack with a dry cloth.
- ii. Grease at marked nipples
- iii. Oil/grease unpainted surfaces and fittings
- iv. Check the jack's wheels and lifting bar for damage.



**WARNING. Regularly check that the sleeves/bushings slide on the bar, and if not, replace them immediatly!!**



**WARNING. Vehicle jacks are subject to 'Safety at Work Regulations' in most countries. This entails regular inspection and record keeping by a 'Competent Person'.**



**WARNING : If washing the tractor with the jack attached, take extreme care on wet, slippery surfaces.**

## **7 Warranty.**



**WARNING. Purchase of the product implies acceptance of the following conditions of the warranty:**

- a. This product is guaranteed against manufacturing faults for a period of 12 months from the date of purchase.
- b. Normal wear and tear is not covered under the guarantee.
- c. The guarantee becomes invalid if the product has been misused or subject to neglect or an attempted repair by other than by our own or our agent's service department.

**Note: This guarantee does not affect your statutory rights**

## **8. End of life disposal.**

When the product,(or any part of the product) reaches the end of its useful life:

- a. The different materials must be separated,  
and
- b. They must be taken to a **Registered**

## **Recycling Centre.**

**NB.** In the event of a problem with disposal,  
contact your supplier, or Trakjak Ltd , directly.

## **9. Specifications:**

- a. Maximum Load: 12 tons
- b. Weight: 660 kgm
- c. Dimensions: 230 L x 100 W x H 110 cm.





# EC Declaration of Conformity

We : Trakjak Ltd .

Cortober, Ashfield, Cootehill,Co.Cavan  
Republic of Ireland

in accordance with the following Directive(s):

2006/42/EC The Machinery Directive

hereby declare that:

Trakjak Tractor Jack, Model Euro

Serial Number: TJ01024

is in conformity with the applicable requirements of the following documents:

- a) EN 12100:2010 Safety of machinery: General principles for design  
(Risk assessment and risk reduction.)
  
- b) EN 1494 Mobile or movable jacks and associated lifting equipment

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced EU Standards and is in accordance with the requirements of the Directive.

Signed by: *Pauric Fay*

Name: Pauric Fay

Position: Managing Director

Done at: Cortober, Ashfield, Cootehill,Co.Cavan, . Republic of Ireland

On: (date) 26.09.2019

The technical documentation for this machinery is available from:

Name: Trakjak. Ltd

Address: Cortober, Ashfield, Cootehill,Co.Cavan, Republic of Ireland.

**NOTES.**