

TRAKJAK

Agricultural Tractor Jack



USER MANUAL.(Draft 2)



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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1. Customer Responsibility

The Customer/Owner of this equipment is responsible for ensuring that all users:

- Are appropriately qualified,
- Have read and understand this manual.
- Have signed the Certified User List

2. Accessories

- The 'rear-linkage-withdrawal' security kit allows detachment of the rear-linkage arms when the jack is in position.
- The 'sleeve-adjustment-pole' is provided to avoid hands /arms entering a danger zone.

3. Explanation of Labels

a. Main lable.

- Max Load: 12 Tonnes
- Net Weight: 350 kg
- Serial No:



Implies that 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**

4. Safety

- Never use the jack on a surface the is not dry, flat and level!
- Always wear:
 - Safety shoes,
 - Safety gloves,
 - Safety glasses
- If driving, it is essential to avoid :**
 - **Uneven ground**
 - **Sharp turns**
 - **Speeds above 3mph/5kmh**

5. Specifications:

Maximum Load: 12 tons

Weight:

- Total
- Lifting bar
- Shipping:

Dimensions:

Shipping: **L x W x H cm.**

6. 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.



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

b. Lifting bar.

The lifting bar, which carries the tractor's weight, can be placed in either of two positions, to facilitate the dimensions of the tractor being lifted.



The bar is fitted with two heavy duty sleeves or bushings, that can rotate on the bar, and can be slid along the bar to spread the tractor's weight.

c. Using the Jack.



WARNINGS:

a. Place jack on a flat, clean, level surface!

b. Fit an oscillation stops before use!



Remove the anchor pins from the lower-link fixing brackets.



The tractor is reversed over the jack, and the height of the linkage arms adjusted until they slide into the lower- link fixing bracket.



WARNING. Replace and secure the anchor pins!



WARNING. Risk of Finger/Hand Entrapment!



WARNING.
It essential to
fit the tractor's
own lower -
linkage-balls

d. Adjusting the lifting bar and sleeves.

The rear-linkage is then raised slowly until the lifting-bar's sleeves are close to the underside of the chassis.



The lifting bar position can be changed, and the sleeves can be slid inwards or outwards to suit different tractor designs.



WARNING. It is essential
that the bar and sleeves
be positioned to suit the
tractor's dimensions.



WARNING. Use the pole
provided to adjust the
sleeve positions.

When the positioning is satisfactory, the rear linkage is operated, lifting the rear end of the frame 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

When the rear wheels are sufficiently off-the-ground, the lifting action is stopped.



The two support stands at the rear are lowered to the ground, and secured in the most suitable fixed position.

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

Part A,
The hitch-couple



and

Part B,
Two off adjustable length, top links,



e. Moving the tractor.

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 3mph/5kmh



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



f. 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 tractors tow-hitch .

The kit consists of three pieces:

.

The hitch-couple, (Part A) attaches to the tractors tow-hitch. The two top-links (which are adjustable in length) connects between the hitch-couple, and the most appropriate spare opening in the rear support stands.

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



When the connections are secure, the anchor pins can be withdrawn from the fixing brackets. The linkage arms can now be raised from the lower-link fixing brackets.

7. Maintenance and Cleaning.

It is important to regularly:

- : a. This product is guaranteed for use against manufacturing faults for a period of 12 months from the date of purchase.
- a. Clean the jack with a dry cloth.
- b. Oil/grease unpainted surfaces and fittings
- c. Check the jack's wheels and lifting bar for damage.



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

8.Warranty.



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

- a. This product is guaranteed for use 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 service department.

Note: This guarantee does not affect your statutory rights.

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 XX

Serial Number: XXXXXXXX

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:

Name: Pauric Fay

Position: Managing Director

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

On: (date)_____

The technical documentation for this machinery is available from:

Name: Trakjak. Ltd

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