

**DO NOT RUN THE MACHINE BEFORE READING THIS MANUAL !**



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TARIM ve SANAYİ MAKİNALARI TİC. ve SAN. A.Ş.



## **Maintenance and Operating Manual for 6 Ton Solid Manure Spreader**

# AT DECLARATION

## "CE" DECLARATION

We, as manufacturer:



### Tarım ve Sanayi Makineleri Ticaret ve Sanayi A.Ş.

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Ticaret Sicil : 6109  
Sanayi Sicil : 241

We declare that we produce the product given the name, type or model and serial number below in accordance with the specified standards, meeting the requirements of the "Machinery Directive" No. 2006 / 42 / AT

#### Informations about machine :

Type / Model	
Serial Number	
Production Year	

#### The Directives Compliant with the Product Specifications:

DIRECTIVE "Machinery Directive" No.

Standard: TS ISO 11684

GENERAL MANAGER  
Hüseyin FİNİŞ

Balıkesir 17.09.2018

## General Dimensions

PRODUCT CODE: TD-KGD 6 TON

- TRACTOR POWER: 70 hp
- OVERALL WIDTH : 1850 mm
- OVERALL LENGTH : 5335 mm
- HEIGHT : 1935 mm
- BACKDOOR HEIGHT : 2697 mm
- SPREADING TYPE : PALLET OR AUGER
- NUMBER OF AUGER / PALLET : 2 pcs
- TANK WIDTH : 1600 mm
- TANK LENGTH : 1970 mm
- TANK DEPTH : 1045 mm
- DISCHARGER TYPER : CONVEYOR
- LOADING CAPACITY: 6000 kg
- TYRE DIMENSIONS: 12.5/80 -15.3 16 Ply
- TOTAL WEIGHT: 2040 Kg
- SHEET THICKNESS: 3 mm
- BRAKE SYSTEM: Hydraulic
- REQUIRED R.P.M. : 540 rpm

### Basic Principles For Using The Fertilizer Spreader Trailer:

- Please check that the trailer is properly mounted to tractor's drawbar.
- Human transportation is prohibited under any and all circumstances. Trailer load should not overflow from the case.
- Excessive loading, inappropriate distribution of load, improper speed and localized over-forcing of the machine should not be allowed.
- Fertilizers should be loaded such that they would not overflow or slide. The trailer should not be loaded over its loading capacity.
- It should not be overforced by inattentive or improper usage. The strain caused by the impact of hitting or bumping should be kept at minimum by driving at low speeds.
- Driving speed must be adjusted according to operating conditions, the load or loading conditions of the trailer, and special attention must be paid while turning.
- The socket must be plugged in to have the signaling, brake and parking lights functional while the trailer operates.
- Please check that the lights function properly, before starting the operation. Please check the tyres' condition and pressure.

### Solid Manure Spreading Systems:



Figure-2 Spreading Systems

The spreading distance should be observed during the operation of solid fertilizer trailer. A distance of 15-20 meters should be kept regarding the approximate tractor speed.

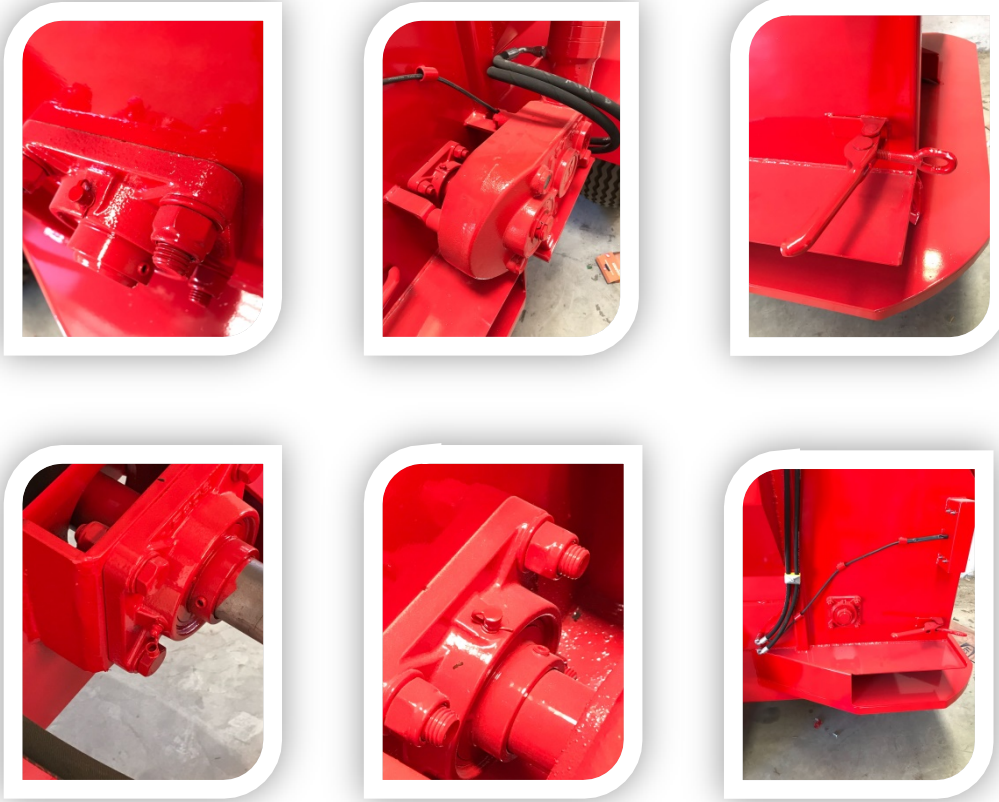


Figure-3 Solid Fertilizer Trailer Parts to be Lubricated (Greased)

Lubrication process should be performed before starting the operation.

Please load the trailer without any overflows.

Run the engine at 1500-1600 rpm. Do not take sharp turns at the corners of fields.

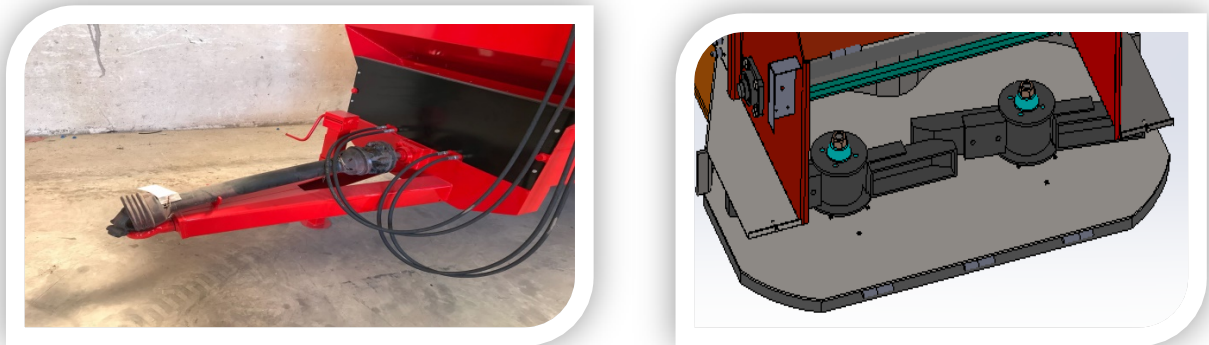


Figure-4 Tractor Joint Shaft and Propeller System



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- Do not intervene during operation. Keep away from drive shaft and propellers. Rinse the parts that come in contact with fertilizer after the end of the operation.
- Insert the hydraulic and electric sockets properly.



**Figure-5 Solid Fertilizer Sweeping System**

- **Attention must be paid not to feed any oversized foreign objects into the solid fertilizer sweeping system.**

#### **Maintenance:**

- There are so few things to be done, in order to maintain a long service life for the trailer.
- Check all of the tire hubs after 50, 100 and 500 kilometers of operation.
- Lubricate the greasers.
- Rinse the parts that come in contact with fertilizer after the end of the operation.
- Lubricate before storage, after the operation is complete.
- In case of jamming, make necessary controls only after stilling the shaft.
- Contact the service station in case of any malfunction or breakdown



### **Tires:**

- Check the wear on tires. Run the tires on appropriate tire pressure.
- Extended periods of standing still, and sunlight results in premature aging of tires.
- In case of purchasing a spare tire, dimensions of this tire should be the same as the original tire.

### **Changing Tires:**

- Procedure to be applied in case the trailer's tire goes flat:
- Park the trailer at a safe place regarding traffic safety.
- Operate the parking brake and secure the trailer.
- Locate the lever jack on the lower exterior part of the flat tire's axle shaft.
- Never locate the lever jack on the center of axle shaft.
- Lift the lever until it reaches a height that allows the tire to be changed.
- Spare tire should be mounted counter-clockwise.
- Tighten the changed tire and re-tighten it approximately after 50 kilometers.
- Tighten the tire nuts in a diagonal manner.
- Check the air pressure.

### **Axle/Tire Bearings:**

Axles, in general, are used without any requirement for maintenance. TyTireubs are lubricated in advance with maintenance-free roller-bearing lubricators. External bearing's functioning should be controlled every 5000 kilometers, or once a year by a competent service shop. Damaged bearings should be replaced with new ones.



#### Guarantee/ Liability:

The product is granted a warranty of 2 years starting from the day of sale and the maximum term for repairment is stated as 15 to 30 business days.

The warranty certificate filled in along with the invoice represents the evidence of the date of sale.

The manufacturer guarantees the functionality of the trailer during the period specified. This warranty covers; faults regarding materials, craftsmanship, and production. Unauthorized modification procedures disrupt the validity of the Warranty. No claims should be placed regarding the damage resulting from excessive load, improper operation, and usage the product outside the scope of its area of application.

#### Economic Life:

#### Vehicle Identification Number:

#### Date of Sale:

#### Sales dealer:

#### Date and number of invoice:

#### Dealer's seal and signature: