

# QUICK START GUIDE

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TS51C Drum Mower

# IMPORTANT

# READ

# BEFORE

# FIRST USE

# QUICK START GUIDE

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## TS51C Drum Mower

**Note:** The TS51C drum mower is also known as Galfre FR/G 130. This is the original manufacturer's designation of the model number, while TS51C is the model for the unit branded as Ibex.

### STARTUP ESSENTIALS

- **VERY IMPORTANT:** To avoid damage, the mower must be used as intended.
- **DO NOT** try to hover the drums above the ground while mowing. The drums are meant to sit completely on the ground except while in transport mode.
- **DO NOT** allow the lower discs to scalp the ground when mowing. To avoid this, do the following:
  - Ensure that the skid discs are either parallel to the ground or raised slightly **up in the front**. This can be achieved by extending the tractor's top link.
  - Raise the 3 point hitch until the lift arm is **above level**, at an angle sloping slightly downward toward the drum unit. This will ensure that the arm does not contact the drum unit and force it downward into the ground.
  - Failing to heed these warnings **may cause damage** to the machine.
- **DO:** review the section of the manual that discusses how to switch the mower from mowing mode to transport mode and back (Section 4.3). The transport lock lever must be in place during transport and must be loose when in mowing position. The "fasten lever" must be tightened during transport mode and loosened slightly in mowing mode.

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- **DO** run the mower at 540 RPM, starting at idle speed and gradually increasing the throttle. Running the mower at too slow of an RPM will make cutting less efficient and stress the machine and the tractor.
- **DO NOT** turn on an electric PTO with the throttle at high speed, which will apply extreme torque to the PTO shaft. Damage to the shaft or drive components may occur. If the engine stalls when turning on the PTO, just turn the tractor back on and try again until the drums get up to speed.
- **DO:** replace blades regularly to ensure a sharp cut.
- Failing to heed these warnings **may cause damage** to the machine.
- The machine is shipped with oil in the gearboxes. **Double-check the oil level and top off before each use if needed.** See section 6.2 of the manual for details on lubrication.
- There is no drain plug for the 90 degree gearbox that is attached to the 3 point hitch frame. An oil suction pump is recommended to remove oil when changing it at the beginning of each season.

**OIL:** Gear oil that is 90 weight (80w90 is common in stores). Must have “EP” designation, for “extreme pressure”.

## ASSEMBLY TIPS

The assembly guide provides significant detail regarding assembly steps. However, the most common mistake is to install the PTO shafts in the improper location and/or direction. Use the visual diagram below to understand the correct orientation.

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**3 POINT HITCH**

**TRACTOR**



**YOU MAY NEED TO CUT THIS SHAFT**

**3 POINT HITCH**

**DRUM UNIT**



**DO NOT CUT THIS SHAFT**