

QUICK START GUIDE



TS51C Drum Mower

IMPORTANT

READ

BEFORE

FIRST USE

QUICK START GUIDE

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

- **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:
 - To set the 3 point hitch height before mowing, lower the drums to the ground and then adjust the 3 point hitch so that the lower lift arm of the mower 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.
 - Ensure that the skid discs of the mower are either parallel to the ground or raised slightly **up in the front**. The angle of the discs can be adjusted by extending the tractor's top link.
- **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.
- Always run the mower at 540 RPM, starting at idle speed and gradually increasing the throttle. Running the mower at too slow of an

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RPM will make cutting less efficient and stress the machine and the tractor.

- 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.
- Be sure to replace blades regularly to ensure a sharp cut.
- This mower’s conditioning system does not promise to crimp or chop the hay crop like roller/crimper and flail conditioners do. The gentle motion of the conditioning tines will make the hay crop land in a fluffy pile under optimal conditions. For best performance, drive the tractor at the fastest comfortable ground speed possible.
- The machine is shipped with oil in the gearboxes. **Double-check the oil level and top off before each use.** 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: Use 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