

QUICK START GUIDE



TX45 Drum Mower

ASSEMBLY TIPS

- Use the diagram attached to the red sheet metal guard to understand the orientation of the lift arms. Note that the spacing of the pins on the two long arms is different.
- Refer to Figure 1 to understand PTO shaft orientation.
- As with any new implement, the shaft that attaches to the tractor may need to be cut to length. Contact us for information on how to do this correctly.

STARTUP ESSENTIALS

- **VERY IMPORTANT:** To avoid damage, the mower must be used as intended.
- **DO NOT:** allow the lower discs to scalp the ground when driving forward. To avoid this, do the following:
 - Be sure to remove the shipping brackets that are bolted above the red sheet metal guard.
 - 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 arms are **above level**, at an angle sloping slightly downward toward the drum unit. This will ensure that the arms do not contact the drum unit and force it downward into the ground.
 - Failing to heed these warnings **will cause damage** to the pivot point above the drums, due to the extreme stress on that joint.
- **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. The shaft's shear bolt will break or damage may occur. If the engine stalls when turning on the PTO, keep turning it on until drums get up to speed.

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- **DO:** replace blades regularly to ensure a sharp cut. The blades are double-edged and can be switched from one drum to the other to use the opposite edge.
- **DO NOT:** install the PTO shafts in the wrong direction. See the accompanying diagram (Figure 1) to understand shaft orientation.
- The machine is shipped with oil in the gearboxes. **Double-check the oil level and top off before each use.** Use an extreme pressure (EP) gear oil near 90 weight (80w90 is a common type).
- There is no drain plug for the gearboxes. It is recommended to use an oil suction pump to remove oil when changing it in the beginning of the season.

Figure 1: PTO Shaft Orientation

