Form No. 3323-285

TORO®

Cement Mixer Bowl

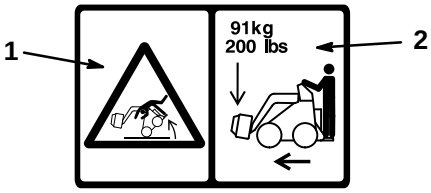
For use with the Siteworks Systems Auger Drive Head

Model 22442

Installation Instructions

IMPORTANT: Before using this product, read the safety section in your traction unit operator's manual, and follow all precautions listed there.

Safety Decals



 # 100–4664

Figure 1

1. Tipping hazard—do not exceed the maximum load
2. Maximum load

Specifications:

Note: Specifications and design are subject to change without notice.

Overall width	25.15 inches (64 cm)
Overall length	18.25 inches (46 cm)
Weight	75 lbs (34 Kg)
Maximum dry concrete load	200 lbs (90.7 Kg)

Stability Ratings

To determine the degree of slope you can traverse with the cement bowl installed on a traction unit, find the stability rating for the hill position you want to travel in the appropriate table on the following page, then find the degree of slope for the same rating and hill position in the Stability Data section of the traction unit operator's manual.

IMPORTANT: If your traction unit has a rear operator's platform, the counterweight must be used on the platform while using the cement bowl, or the traction unit will become unstable.

WARNING

POTENTIAL HAZARD

- **Exceeding the maximum recommended slope can cause the traction unit to tip.**

WHAT CAN HAPPEN

- **If the traction unit tips, you or bystanders could be crushed.**

HOW TO AVOID THE HAZARD

- **Do not drive the traction unit on a slope steeper than the maximum recommended slope, as determined in the following tables and the traction unit operator's manual.**

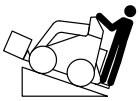
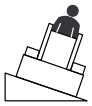
PROTOTYPE

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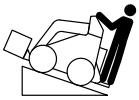
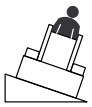
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Stability with a Loaded Bowl

Orientation	Stability Rating
Front Uphill 	B
Rear Uphill 	D
Side Uphill 	C

Stability with an Unloaded Bowl

Orientation	Stability Rating
Front Uphill 	C
Rear Uphill 	C
Side Uphill 	B

Installing the Bowl onto the Auger Drive Head

1. Raise the loader arms so the drive head clears the ground and stop the engine

2. Manually rotate the auger drive head up, until you can install two bolts into the holes on both sides of the cradle arms, securing the drive head. Secure each bolt with a nut (Fig. 2).

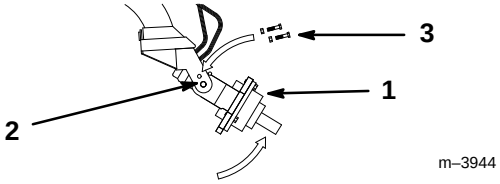


Figure 2

1. Drive head
2. Cradle arm
3. Bolts and nuts

3. Start the engine.

4. Maneuver the drive shaft into the collar on the back of the bowl (Fig. 3).

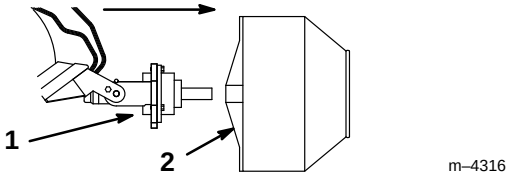


Figure 3

1. Drive head
2. Cement bowl

5. Stop the engine.

6. Secure the bowl to the drive head with the bolt and nut supplied with the auger drive head (Fig. 4).

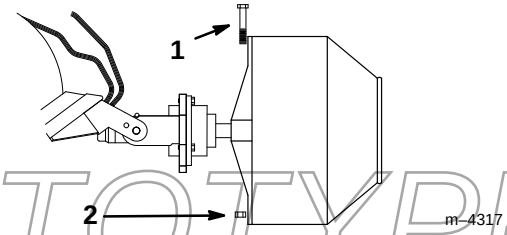


Figure 4

1. Bolt
2. Nut

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Mixing and Pouring Concrete

⚠ WARNING

POTENTIAL HAZARD
- **When full of concrete, the bowl is very heavy and could unbalance the traction unit.**

WHAT CAN HAPPEN
- **The traction unit could tip, seriously injuring you or bystanders.**

HOW TO AVOID THE HAZARD
- **Never use the cement bowl on the Dingo without first installing the Sitework Systems Counterweight, available from your Toro dealer.**
- **Always keep the bowl close to the ground.**

1. Lower the loader arms as far as possible while tilting the bowl upward as far as possible.
2. Add up to 200 lbs (90.7 Kg) of dry concrete mixture.
3. Move the throttle lever to the fast position (rabbit).
4. If your traction unit has a speed selector and flow divider, move the speed selector lever to fast (Rabbit), and the flow divider control to the 10 to 11 o'clock position (20 to 30 RPM).
5. Push the auxiliary hydraulics lever away from the operator grip to mix the concrete and add the appropriate amount of water.
6. When the cement is sufficiently mixed, move the auxiliary hydraulics lever to neutral and drive slowly to the work site.
7. Tilt the bowl forward and pull the auxiliary hydraulics lever to the operator grip and hold it to dump the concrete.
8. When finished using the bowl, wash it out before the concrete sets.

Removing the Bowl from the Auger Drive Head

1. Set the bowl down in its storage location.
2. Stop the engine.
3. Remove the bolt and nut securing the drive head to the bowl.
4. Start the engine and back the traction unit away from the bowl.

Storage

1. Before long term storage, wash the bowl with mild detergent and water to remove dirt and grime.
2. Store the bowl in a clean, dry garage or storage area. Cover it to protect it and keep it clean.

PROTOTYPE



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