



WARNING TORO e-DINGO GRAPPLE BUCKET

SAFETY Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced, or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

 **WARNING:** This product can expose you to chemicals including Chromium from steel products, which are known to the State of California to cause cancer and birth defects or other reproductive harm. Wear gloves or wash your hands frequently when servicing, or using this equipment. For more information go to www.P65warnings.ca.gov

 **WARNING:** This product can expose you to chemicals including Naphthalene and Chromium from petroleum products which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov

The grapple bucket is a load-bearing attachment intended to be used on a Toro compact tool carrier. It is designed primarily for grabbing, dragging, lifting, & removing materials without picking up topsoil on residential or commercial properties. Using this product for purposes other than its intended use could prove dangerous to you and bystanders. Read this information carefully to learn how to operate this product properly & to avoid injury & product damage. You are responsible for operating the product properly & safely.

Grapple Bucket Safety

- Always lower the attachment, close the jaws & shut off the machine each time you leave the operating position.
- When lifting the attachment, keep it level & prevent the load from spilling backward.
- Always close the jaws of the attachment when not in use.
- Always grab & lift long items near the center.
- Do not use the jaws for hooking and/or pulling. Always clamp the material securely.
- Check fasteners at frequent intervals for proper tightness to ensure that the equipment is in safe operating condition.

Important: Before installing the attachment, position the machine on a level surface, ensure that the mount plates are free of any dirt or debris, and ensure that the pins rotate freely. If the pins do not rotate freely, grease them.

Note: Always use the traction unit to lift and move the attachment.

WARNING: If you do not fully seat the quick-attach pins through the attachment mount plate, the attachment could fall off the machine, crushing you or bystanders.

Ensure that the quick-attach pins are fully seated in the attachment mount plate.

WARNING: Hydraulic fluid escaping under pressure can penetrate skin and cause injury. Fluid injected into the skin must be surgically removed within a few hours by a doctor familiar with this form of injury; otherwise, gangrene may result.

- Ensure that all hydraulic-fluid hoses and lines are in good condition and all hydraulic connections and fittings are tight before applying pressure to the hydraulic system.
- Keep your body and hands away from pinhole leaks or nozzles that eject high-pressure hydraulic fluid.
- Use cardboard or paper to find hydraulic leaks; never use your hands.

CAUTION: Hydraulic couplers, hydraulic lines/valves, and hydraulic fluid may be hot. If you contact hot components, you may be burned.

- Wear gloves when connecting and disconnecting the hydraulic couplers.
- Allow the machine to cool before touching hydraulic components.
- Do not touch hydraulic fluid spills.

OPERATING INSTRUCTIONS:

After you attach the grapple bucket to the mount plate of the traction unit, ensure that the hydraulic couplers are connected. Start and run the machine at full throttle (maximum engine speed).

Digging/Raking with the Jaw:

1. To dig or rake using the jaw, open the jaw all the way, and tilt the attachment forward until the jaw teeth touch (or penetrate) the ground.
2. Drive the machine rearwards. To rake up loose sticks and other debris, which you can then grab with the jaws, place the teeth on the ground. To dig furrows in the earth and break up the sod, penetrate the ground with the teeth (Figure 1).

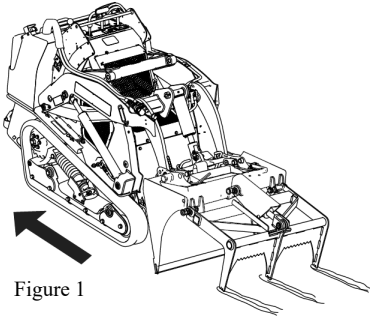


Figure 1

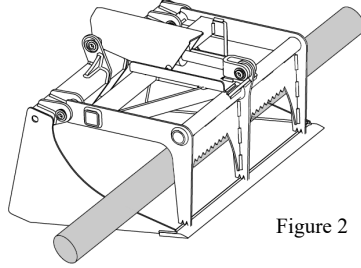


Figure 2

3. You can also use this method to rip out bushes. Place the upper jaw teeth into the ground on the far side of the bush, close the jaws around the bush and roots, then tilt the attachment rearward to rip the bush out of the ground.

Bucket Operation: With the jaws open, you can use this attachment as a standard bucket.

When loading material, always have the bucket level to the ground and move forward into the material to be lifted. When the bucket is full, tilt it rearward to decrease the lifting resistance when you lift the load. When transporting a load, keep the bucket as close to the ground as possible.

Grapple Operation: Use the jaws for picking up material by closing them over objects or materials to be transported (Figure 2).

Important: Grab objects from the center. Never lift more than the rated lift capacity of the attachment as listed on the decals. When transporting a load, keep it as close to the ground as possible with the loader arms retracted.

Important: If you are lifting more delicate or hollow items, such as crates, close the jaws with care so as not to crush the item being moved.

Note: Take care when using this method that you do not crush an object that you are picking up between the jaws.

Filling the Bucket: 1. Position the bucket level to the ground.

2. Drive forward and insert the bucket into the pile of material.

3. When the bucket is full, drive the machine in reverse and gently tilt the bucket rearward to decrease the lifting resistance when you lift the load.

Important: Always carry loads close to the ground.

Transport Position: When transporting a load, keep the attachment as close to the ground as possible, no more than 6 inches above the ground. Tilt it rearward to keep the load level. (Figure 3).

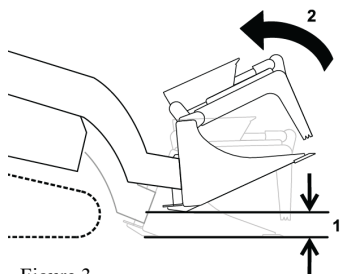


Figure 3

1: No more than 6 inches above the ground

2: Tilt the load rearward

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. **If there is any doubt as to the operation or safety of the equipment,**

DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!!

FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH