



**UNC**  
ENVIRONMENT,  
HEALTH & SAFETY

# Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

## JOB SAFETY ANALYSIS TOPIC:

Dingo Toro 323  
Masonry and Grounds Shops



Title	Work Task	Hazards	Controls
Preplan the work	Gather proper tools and equipment (Dingo Toro 323)  Gather Proper PPE for the job and inspect it ( <b>hearing protection, safety glasses with side shields, gloves, steel toe, close fitting work clothes that do not hinder movement</b> )	Improper/No Equipment Inspection  Improper PPE inspection/selection	Improper/Lack of Inspection can lead to injury from faulty or old parts; proper inspection can lead to repair and replacement of dangerous equipment  Improper PPE use and inspection can lead to unnecessary hazards created by wrong PPE or faulty PPE
Before the job	Don necessary PPE  Inspect the Dingo Toro 323.  Make sure the machine is properly fueled.  Make sure work area is blocked and secured with safety cones and caution tape.	Improper Donning  Improper/No Equipment Inspection	Read and understand the operating instructions for the Dingo Toro 323.  Familiarize yourself with the location and proper use of all controls and safety devices.  Never remove the gas cap or add fuel when the engine is running. Make sure to

			<p>let machine cool for 2 minutes if refueling is necessary during a job.</p> <p>Try to safely secure at least 4ft around the work area.</p> <p>.</p>
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Operating the Dingo 323	<p>To start the Dingo 323:</p> <ol style="list-style-type: none"> <li>1. Stand on the platform.</li> <li>2. Move the auxiliary hydraulics valve lever to neutral.</li> <li>3. Move the throttle lever midway between slow (turtle) and fast (rabbit) positions.</li> <li>4. Move the choke lever fully forward before starting a cold engine (A warm or hot engine may not require choking.)</li> <li>5. Turn the ignition key to the start position. When the engine starts, release the key.</li> <li>6. After the engine starts, gradually move the choke rearward. If the engine stalls or hesitates, move the choke forward again until engine warms up.</li> <li>7. Move the throttle lever to desired setting.</li> <li>8. Begin moving material to desired area.</li> </ol>	<p>Hand/Foot Injury</p> <p>Fall</p> <p>Back Injury</p> <p>Noise</p>	<p>Do not move the control levers unless you are standing with both feet on the platform and your hands are holding the handles.</p> <p>Do not exceed the rated operating capacity, as the traction unit may become unstable which may result in loss of control.</p> <p><b>Keep loads close to ground. To avoid tipping over.</b></p> <p>Always look down and behind before and while backing.</p> <p>Never jerk the controls, use steady motions.</p> <p>Only operate Dingo in daylight or good artificial light.</p> <p>Never carry passengers on attachments or on the traction unit.</p>

Stopping the Dingo 323	1. Lower the loader arms and stop the engine. Remove the key.		Stay clear of the bucket or attachments used.
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Clean Up and Storage	1. Remove dirt and from the external parts of the entire traction unit, especially the engine.	<p>Improper Clean Up</p> <p>Improper Storage of Equipment/PPE</p>	<p>The Dingo can be washed with mild detergent and water.</p> <p>Don't pressure wash the traction unit.</p> <p>Avoid excessive use of water, especially near the control panel, engine, hydraulic pumps, and motors.</p> <p>Return to the lay down ground storage area.</p>
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<b>Training</b>	<p>Employees must have hands on training in the proper use of this piece of equipment.</p> <p>Read the operators manual.</p>	<p>Supervisor is to fill out the turn in the form to UNC-CH 'Supervisor Led Training Form' and Environment, Health and Safety for documentation of proper training</p>
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<b>Created By</b>	<p>Neah Tucker, Workplace Safety Officer</p> <p>Barry Kelly, Interim Masonry Supervisor</p>
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**Contact Info**

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