

# Safety Instructions and Job Hazard Analysis: Table Saw

Job/Task Step	Hazard	Hazard Control Method/PPE
Inspect Equipment/PPE Check/Buddy System	N/A	<ul style="list-style-type: none"> <li>• Don all required PPE for use of the Table Saw. Approved Safety Glasses with side shields, Long Pants, and Closed Toe Shoes.</li> <li>• Wear a face shield when cutting material that can shatter (e.g. acrylic plastic)</li> <li>• Consider using Ear Plugs for noise reduction</li> <li>• Additional foot protection is required when working with heavy parts and pieces.</li> <li>• Tuck in shirt, no loose fitting clothing or jewelry.</li> <li>• Long hair must be pulled back or tucked into a hat.</li> <li>• Ensure guard is in place over the blade prior to beginning.</li> <li>• Ensure that a push stick is readily available on the saw table.</li> <li>• Connect the dust collection hose, and ensure that a vacuum is present to remove debris while cutting.</li> <li>• Ensure area is clear in front of the saw to prevent Slip/Trip/Fall hazards.</li> <li>• Work with the supervisor of the Space to review operation and ensure all risks have been addressed.</li> </ul>
Place material (wood or plastic only) onto the table in preparation for cut	Muscle Strains, Pinch Points, Abrasion/Laceration	<ul style="list-style-type: none"> <li>• Use proper lifting technique while placing material onto the table.</li> <li>• Ask for help if the material is heavy or awkward in shape.</li> <li>• Be aware of hand and body placement and pinch points.</li> <li>• Wear gloves, closed toe shoes, and long pants to prevent from injury while lifting material on to the table.</li> </ul>

		<ul style="list-style-type: none"> <li>• Ensure that the ventilation system is on and functions correctly prior to turning on the saw.</li> </ul>
<p>Turn on the saw and push the material towards the blade</p>	<p>Abrasions/Lacerations, Noise Hazards, Flying Debris, Inhalation, Muscle Strain</p>	<ul style="list-style-type: none"> <li>• Be aware of the cutting action and ensure guard is working properly.</li> <li>• Move material slowly while being cut to prevent “kick back”.</li> <li>• Keep hands and other body parts away from the cutting area.</li> <li>• Use a “push stick” if stretching is necessary to complete the cut..</li> <li>• Consider ear plugs, as noise levels will rise once the cut begins.</li> <li>• Saw dust may become airborne during this process.</li> <li>• Wear safety glasses.</li> <li>• Ensure the ventilation system is functioning correctly.</li> <li>• Do not bend or stretch awkwardly to prevent muscle strains.</li> <li>• Use a “push stick” or an assistant on the opposite side of the table to help with the cut.</li> <li>• If the material is too large/heavy, once it’s cut, height can shift causing “kick back”. Use a roller support..</li> <li>• All people using and/or assisting on the table saw must wear a face shield along with all other required PPE when cutting material that can shatter.</li> </ul>
<p>Turn off the saw and remove cut pieces of material.</p>	<p>Muscle Strains, Pinch Points, Abrasion/Laceration</p>	<ul style="list-style-type: none"> <li>• Blade will not stop immediately. Wait for the blade to stop prior to moving forward.</li> <li>• Use proper lifting technique while removing material from the table.</li> <li>• Ask for help if the material is heavy or awkward in shape.</li> <li>• Be aware of hand and body placement and</li> </ul>

		<p>pinch points.</p> <ul style="list-style-type: none"><li>• Wear safety glasses, closed toe shoes, and long pants to prevent from injury while removing material from the table.</li><li>• If the material has sharp edges or splinters, wear leather gloves for hand protection.</li></ul>
Clean up the area.	Muscle Strains, Pinch Points, Abrasion/Laceration	<ul style="list-style-type: none"><li>• Disconnect the dust hose and turn off the vacuum system.</li><li>• Use proper lifting technique while picking up the area.</li><li>• Be aware of pinch points and sharp materials.</li><li>• Wear safety glasses while sweeping the floor and the table to prevent eye injury.</li></ul>

In case of malfunction: If the tool does not perform as anticipated, or makes an unfamiliar sound, or creates any safety concerns: IMMEDIATELY notify a Maker Ninja and ask them to Lockout and Tag out the tool until a follow-up inspection can be completed.