



Safety Instructions and Job Hazard Analysis: Compound Miter Saw & Sliding Compound Miter Saw

Job/Task Step	Hazard	Hazard Control Method/PPE
Inspect Equipment/PPE Check/Buddy System	N/A	<ul style="list-style-type: none"> • Don all required PPE for use of the Miter Saw or Compound Sliding Miter Saw. Approved Safety Glasses with side shields, Long Pants, and Closed Toe Shoes. • Consider Ear Plugs for noise protection. • Additional foot protection is required when working with heavy parts and pieces. • Tuck in shirt, no loose fitting clothing or jewelry. • Long hair must be pulled back or tucked into a hat. • Ensure blade guard is working properly and will clear each cutting operation. • Work with the supervisor of the space to review operations and ensure all risks have been addressed.
Prepare wood for cutting	Abrasions/Lacerations, Pinch Points, Muscle Strains, Falling Objects	<ul style="list-style-type: none"> • Be aware of hand and body placement when handling material to prevent hand injury and pinch points. • If the wood has sharp edges or splinters, wear gloves. • Use proper lifting techniques when lifting material. • Ask for help if material is too heavy or awkward. • Wear closed toe shoes and long pants to prevent injury should the material be dropped or fall.
Check powerhead movement and miter positions	Abrasions/Lacerations	<ul style="list-style-type: none"> • Check that compound miter (base and powerhead) adjustments are locked in. • Ensure blade guard is working properly and will retract freely for each new cutting operation.
Make the cut	Abrasions/Lacerations, Noise Hazards,	<ul style="list-style-type: none"> • Be aware of hand and body placement to

	<p>Flying/Falling Objects, Muscle Strains, Slip/Trip/Fall</p>	<p>prevent injury when holding material to make the cut.</p> <ul style="list-style-type: none"> • Position hands and grip materials in manner that accounts for possibility of sudden kickback-like release of energy. • Ensure wood is held firmly against the base and back plate when making the cut. • Be aware of the location of the cord to prevent electrical hazards. • Saw will produce high noise. Consider wearing ear plugs while making the cut. • To prevent eye injury, wear safety glasses during the cut due to flying sawdust. • Wear a dust mask to prevent from breathing in dust and debris. • Use ventilation system when possible. • Do not attempt dado cuts. • Allow blade to spin up to full speed before allowing it to contact wood. • Wear closed toe shoes and long pants to prevent injury from falling object injuries. • Ensure the area where the cut is being made is clear of obstructions to prevent slip/trip/fall hazards, and the work area is clear of passers-by. • Have another qualified person with you while using this equipment to help spot hazards while cutting is in progress.
<p>Turn off the saw</p>	<p>Abrasions/Lacerations</p>	<ul style="list-style-type: none"> • The blade will not stop immediately. • Ensure the guard is back in place over the blade prior to releasing the grip. • Be prepared for sliding powerhead to return to home position.
<p>Remove cut wood</p>	<p>Abrasions/Lacerations, Pinch Points, Muscle Strains, Falling Objects</p>	<ul style="list-style-type: none"> • Be sure that blade has stopped moving and saw has returned to home position. • Be aware of hand and body placement when handling material to prevent hand

		<p>injury and pinch points.</p> <ul style="list-style-type: none"> • Wear gloves if the wood has sharp edges or splinters. • Use proper lifting techniques when removing material. • Ask for help if material is too heavy or awkward. • Wear closed toe shoes and long pants to prevent injury should the material be dropped or fall.
<p>Clean the area</p>	<p>Abrasions/Lacerations, Flying Objects, Muscle Strains</p>	<ul style="list-style-type: none"> • Wear safety glasses while sweeping the area of sawdust to prevent eye injury. • Use proper lifting technique when lifting trash and debris from the cutting site.

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.