

This table outlines the possible risks that users of this tool should bear in mind. The risk rating, likelihood, and severity are all calculated assuming that the listed control measures are followed. If you are uncomfortable with these risks, or are not confident in your ability to use this tool safely, please do not use it.

Risk rating	Likelihood	Severity	Hazard	Who may be harmed & how	Control measures
M	M	H	Injuries due to contact with blade	<ul style="list-style-type: none"> User - may sustain deep lacerations or amputations due to accidental contact with the rotating blade Bystanders – may be injured if user loses control of saw 	<ul style="list-style-type: none"> Signage – standard "moving blades" and PPE signage displayed Training – users trained in safe handling, instructed to keep hands away from cutting area, training enforced by access control Equipment – first aid kit available, blade guard must be functional and not removed or disabled
M	M	M	Injuries due to kick-back	<ul style="list-style-type: none"> User – may be struck by the saw if kickback causes it to lurch backward Bystanders – may be hit by workpiece or saw in extreme cases 	<ul style="list-style-type: none"> Signage – displayed with warnings about kickback and required PPE Training – users instructed on causes of kickback (e.g. starting in contact, clamping, stable support, kerf closing), and how to mitigate Equipment – firm grip with both hands required, workpiece must be properly supported, first aid kit available
L	L	M	Hearing damage	<ul style="list-style-type: none"> User – may sustain hearing damage from prolonged exposure to cutting noise Bystander – may be affected by close proximity to loud operation 	<ul style="list-style-type: none"> Signage – indicates high noise levels and recommended hearing protection Training – users instructed on which materials may cause louder cuts and to wear hearing protection Equipment – ear defenders or ear plugs required for users and recommended for nearby workers
L	L	M	Injury due to airborne particles	<ul style="list-style-type: none"> Users and bystanders – may inhale dust or have particles enter eyes, especially when cutting MDF or treated wood 	<ul style="list-style-type: none"> Signage – indicates particulate hazard and appropriate PPE Training – users instructed to wear masks and safety glasses or goggles Equipment – FFP2 (N95) or better mask required, eye protection required, eye wash kit available

Circular Saw

Risk assessment

Risk rating	Likelihood	Severity	Hazard	Who may be harmed & how	Control measures
L	L	M	Body part or clothing caught in moving parts	<ul style="list-style-type: none">User – may experience pinch, stretch, or crush injuries if hair, clothing, or jewellery becomes caught in the rotating parts	<ul style="list-style-type: none">Signage – indicates entanglement riskTraining – users instructed to tie back hair, remove jewellery, and avoid loose clothingEquipment – first aid kit available, blade guard must be in place and functional