

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 contact with body	<ul style="list-style-type: none"> User - the user may be injured by deep cuts on the cutting edge or irritation and abrasion on the other sides 	<ul style="list-style-type: none"> Signage - standard "moving blades" signage, signage showing required PPE Training - users trained in safe use of bandsaw, instructed to keep hands out of path of the bandsaw, training enforced by access control Equipment - an emergency stop button is installed, first aid kit available
M	M	M	Injuries due to kick-back	<ul style="list-style-type: none"> User - the user may be hit by the substrate propelled by kickback or by the substrate falling. Bystanders - a bystander may be hit by the substrate propelled by kickback 	<ul style="list-style-type: none"> Signage - signage is displayed showing warnings and PPE for the bandsaw Training - users trained in safe use of bandsaw, instructed on how to decrease risk of kickback, training enforced by access control Equipment - appropriate closed-toe footwear and eye protection must be worn, first aid kit available
L	L	M	Hearing damage	<ul style="list-style-type: none"> User - the user may sustain damage to hearing due to the loud operation of the bandsaw with some materials Bystander - a bystander may sustain damage to hearing due to the loud operation of the bandsaw with some materials 	<ul style="list-style-type: none"> Signage - signage indicating high noise levels, recommended PPE, and loud materials are displayed Training - users are instructed to use appropriate PPE, advised which materials may produce loud operation Equipment - users use hearing protection such as ear plugs or ear defenders during operation

Bandsaw**Risk assessment**

Risk rating	Likelihood	Severity	Hazard	Who may be harmed & how	Control measures
L	L	M	Injury due to airborne particles	<ul style="list-style-type: none">Users of the room - anyone in the room may sustain injury from inhalation or contact with eyes of small particles produced by sawing of the substrate	<ul style="list-style-type: none">Signage - signage particulate hazards and recommended PPE are displayedExtraction - an extraction device is installed to extract particles produced during sanding of substrateTraining - users are instructed to wear appropriate PPEEquipment - users must wear appropriate eye protection and an FFP2 (N95) rated respirator or mask, eye wash kit is available
L	L	M	Body part or clothing is caught in moving parts	<ul style="list-style-type: none">User - the user may experience injuries such as stretch, crush, or pinch injuries and cuts, irritation or abrasion from the blade	<ul style="list-style-type: none">Signage - signage indicating moving parts and pinch points is displayedTraining - users are instructed to remove or secure loose clothing and long hairEquipment - an emergency stop button is installed, first aid kit available