

Bench Grinder

- [⚠ Risk assessment](#)

Risk assessment

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#	Identify Hazards	Risks	Who may be harmed	Severity	Control Measures	Likelihood	Risk Rating
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1	Electricity	Electric shock	User	High	All electrical equipment should be checked for electrical safety prior to use. Equipment must not be used unless they have a PAT test label on. It is the users responsibility to do a visual check of the equipment. If any defects are found (i.e. cracked casing, defect in lead etc) the equipment is not to be used, to be quarantined, safety officer informed, and a defect label attached. Induction covers inspection of equipment before usage	Low	Med
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2	Misuse of equipment	Damage to user or equipment	User, Bystander	High	Members are inducted into the correct use of the equipment and understand associated risks. Members found to be deliberately misusing equipment may have their use of the machine restricted or revoked altogether.	Low	Med
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3	Contact with rotary knives	Laceration Injury	User	High	Do not put hands where they can come into contact with the blades. Do not push workpiece over blade with hands. Use a push block to push workpiece over cutting area. Use guard to cover unused cutting area. Do not insert hands into thicknesser when machine is plugged in. Planer should be turned off immediately after use. Induction covers safe usage of Planer Thicknesser	Med	Med
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4	Gloves, Loose Clothing, Loose Hair	Drawing in (being pulled in)	User	High	User of the machine should not wear gloves, ties, scarves, or loose clothing that could get pulled into the blades. Induction covers correct attire whilst using the equipment.	Low	Med
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5	Dust, build up of shavings	Inhalation, Fire	User, Bystander	Med	Dust extraction should be used at all times, the planer will quickly block if with shavings if not used. The planer should be cleaned down on completion of use, this should include inside the machine doors. A respirator or mask should be used whilst operating this tool for prolonged periods. Induction covers location of respirator and cleaning process. Keep the woodshop door shut to reduce dust entering the rest of the space.	Low	Low
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6	Cutting Blade	Snatching, Jamming	User, bystander	Med	Only use the planer thicknesser with wood. Do not use with wood less than 380mm in length. Ensure a visual inspection of the machine is undertaken before every use to check for physical obstructions and blade condition. Induction covers correct materials and pre-use inspection process.	Low	Low
7	Noise	Hearing Damage	User, bystander	Med	Ear protection is advised and provided. Induction covers location of ear protection. Keep the woodshop door shut when in use to reduce noise in the general space.	Low	Low

8	Flying Splinters	Eye Damage	User, bystander	High	All members in the workshop must use eye protection whilst the planer thicknesser is in use. Only cut wood, ensuring the workpiece is free from nails, screws or other objects. Induction covers location of eye protection, and inspection of workpiece for disallowed features.	Med	Med
9	Manual Handling	Back Injury, Dropping	User	Med	The machine must be lifted into a stable position on the working area using correct manual handling procedures. Use PPE appropriate for the task.	Low	Low

10	Other Members	Distraction	User, Bystander	High	The do not enter light should be used when operating the lathe to avoid accidents being caused by distracting the user.	Low	Med
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