

Surface Planer



PPE Required

Material Restrictions

- Minimum length of material is **350mm**
- Maximum material removal on wide boards (more than 100mm wide) with each pass is **1mm**. Maximum material removal on narrow boards (less than 100mm wide) with each pass is **2-3mm**
- Wide boards should be fed at a slight angle to the fence for face planing to reduce initial impact and risk of 'throwback'

Machine Use

- Before switching on the Planer always:
 - adjust the fence to suit the width of the material being planed
 - adjust the in-feed table to the cutting depth required
 - adjust the bridge guard as close as possible to the material being planed
- Always plane the **face first**, plane the **edge second**
- Assess your material for twists and bows before machining to determine the correct orientation and where possible always plane with the grain
- **AT NO POINT SHOULD YOUR HANDS PAS OVER THE CUTTERS WHILE THE STOCK IS IN CONTACT WITH THEM**

Regulations

- The gap between the ends of the machine table and the cutting circle should be as close as possible and **MUST not exceed 6mm**
- A bridge guard must be strong and rigid, have a length not less than the full length of the cutter block and a width no less than the diameter of the cutter block and is constructed so as to be capable of easy adjustment in both a vertical and horizontal direction
- The under surface OR the end of the bridge guard cannot be more than **10mm** from the surface of the material being machined
- A rear guard **MUST** be permanently fitted to the back surface of the fence to prevent the operator from coming into contact with the blades as the fence is adjusted across the machine table

