**Thickness Planer Use**

![](data:application/pdf;base64,)The planer is used to shave solid wood down to a desired thickness. A cutter head equipped with very sharp knives rotates across the wood which is fed along a flat, machined table. The planer cannot remove warps in the wood, rather it provides a uniform thickness throughout the length of the board.

**Proper Dress**

l. Wear Eye Protection.

2. Remove jewelry. Confine long hair.

Eliminate loose clothing.

**Preparation and Restrictions**

3. Do not plane plywood, MDF or OSB. Only solid wood can be planed.

4. The wood must be a minimum length of 30 cm to be planed.

5. Do not plane wood less than 5mm thick.

6. Do not plane wood with glue deposits that can ‘nick” the planer knives

7. Remove any loose knots, nails, staples and other defects before planning

8. Set thickness so that the wood just touches the cutter knives for the first cut.

9. Make sure the Dust Extraction System is operating when using the planer.

**Operation**

![](data:application/pdf;base64,)10. Send pieces through the planer so that the grain will shave off rather than tear and chip as shown

11. Allow the machine to reach full speed before forcing the wood into the planer.

12. After each piece to be planed has been sent through the machine, adjust the thickness a quarter to one half a turn counter-clockwise to lower the cutter heads. This will remove about1/16th to1/8th of an inch or 1-2 mm from the thickness of the wood. Take a smaller cut for harder wood or wider boards.

13. Keep hands and fingers away from the in-feed, throat and chip exhaust area.

14. Stand to one side when planing, do not stand in front of the planer.

15. Never push wood into the back of the planer

16. Always plane with the grain, never put wood through such that the grain of the wood is parallel with the cutter head.

**Finishing**

15. Stay with your machine until it comes to a complete stop. Tidy before leaving it.