

# **THICKNESS PLANER/SANDER**

The purpose of the planer is to make **TWO SIDES OF A BOARD PARALLEL.**

- 1) Eye protection must be worn while operating the Thickness Planer.
- 2) Ear protection should be worn while operating the Thickness Planer
- 3) The **SHORTEST** board to be planed is 305 mm (12 inches).
- 4) Set the "depth of cut" on the Planer by the wood touching the feed rolls. Lower the table until the wood passes through the planer, then raise the table one turn at a time until the wood no longer passes through.
- 5) Inspect the wood to be planed. Make sure it has **NO** large cracks, loose knots, nails, glue, sand, paint, or any other material that could damage the cutting blades.
- 6) When planing several boards, plane **ALL** boards at each thickness setting.
- 7) **JOINTED** surface of a board always goes **DOWN** when planing.
- 8) The wood is always planed with the grain, **NEVER** across the grain.
- 9) Never look into the Planer while the machine is running
- 10) If the wood jams or fails to feed into the Planer, shut the machine off and call the instructor.
- 11) **NEVER** place your hands near the feed rolls or inside the Planer as it is very dangerous.
- 12) "Walk" boards hand over hand instead of sliding them through your hands to prevent slivers.
- 13) Use a backing board when a piece of wood is  $\frac{1}{4}$  of an inch or under in thickness.

