Safe Work at the Thicknesser





Fix the blades sticking out max. 1.1 mm.

New tests have shown that:

- •The protrusions of the blades on old machines, with a forcefitting blade fixation, must be adjusted on 1.1 mm, despite of the operating instructions.
- •All workpieces should be removed from the machine table before the height adjustment is changed.

Reasons:

The more the blades stick out, the higher is the risk of kickbacks.
If the height is changed while there is a piece on the machine table, it causes an inset routing and a kickback of the workpiece is the result.

General information

- •Turn off the machine before cleaning and maintenance and make sure, it won't start by accident.
- •Operators must be physically fit and need to be instructed before using the machine.
- •Wear tight clothes, safety shoes and ear protection.
- •Use of Googles is optional.
- Turn off the machine when you leave it.

Tools

- Before changing the blades, secure the machine against unauthorized use.
- Always use the same blades together.
- •Clean the clamping surface and the blades before inserting.
- Adjust the correct blade protrusions (1,1 mm).
- Tighten the screws with the correct tool according to the operating instructions.

The Recoil Backup must be 2 mm below the circular movement of the blades.

Planing of wide workpieces: Achieve the final measurement with several small steps.

Planing with a jig for very thin pieces.

To avoid a one sided worn out, use the hole width of the table.

Adjustment

- Final thickness = starting thickness less take-off.
- Don't use the maximum takeoff (heavy burden of the machine), achieve the final thickness with several small steps instead.

Operation

minimum length = distance between infeed roller and outfeed roller

- Short pieces must be lead safe between the rollers, otherwise use a jig.
- If you plane long workpieces use a roller trestle at the outfeed to avoid damages.
- Don't remove splitters or shavings by hand.
- Use the machine only with extraction and according to the operating instructions.

Electrical installation & repair of machines should always be done by a professional electrician, to avoid accidents and prevent fire!

Planing of narrow pieces: If the machine has an infeed roller without sections, only two pieces can be planed at one time. Insert them on the outer sides of the indeed table.

If the machine has a sectioned infeed roller, multiple pieces can be planed at the same time.

All Graphic, Text & Layout © Rubengera Technical Secondary School P.O. Box 106 Karongi - RWANDA www.rubengeracampus.com