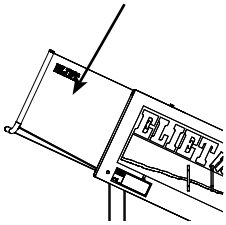
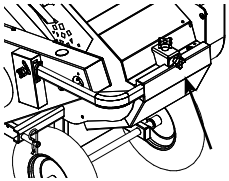
B3 Major 4S PTO

Safety precautions

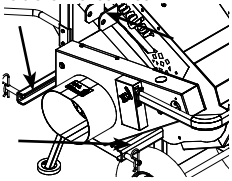


- **Long funnel**: the funnel from the Major PTO is extra long so that the user's hands cannot come into contact with the blades.



- **Protective plate**: behind the Major 4S PTO, there is a protective plate that ensures that the operator cannot reach the blades with his hands if the machine is connected to the tractor.

Connecting propeller shaft



- Make sure that the turbine is completely free of clippings and that the blade axle can turn without obstruction.
- Ensure that the protective plate of the Major 4S is closed and clicked shut. If the protective plate is not secured, the propeller shaft cannot be secured to the major.
- Connect the tractor to the major's 3-point connector. The machine can only be used if all three points are secure.
- Use the upper connection of the 3-point connector to adjust so that the major hangs flat.

- The white ring on the propeller shaft's connection slides back. Until the propeller shaft has been clicked into place, it has not been connected properly.
- If the major is connected to a tractor with a capacity greater than 13hp, use a propeller shaft with a slip coupling. ELIET is not responsible for damage to the machine as a result of using a tractor with an excessive output capacity.

Using the machine

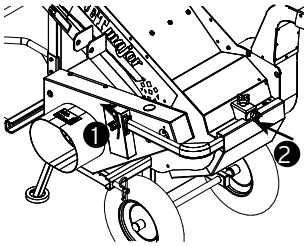
- The Major 4S PTO runs at a PTO speed of 540 rpm. Eliet is not responsible for damage to the machine if excessive PTO speed is used.
- Set your tractor's accelerator so that the revolutions are 540 RPM.
- Set de machine flat on the ground before starting. The major may not be used in transport mode.
- Direct the blow chute to the desired position before beginning to cut. Do this by dismantling the blow chute (see Annex B2) and then installing in the desired position.
- If you hear a strange noise, when there is a blockage or during other unforeseen circumstances, the propeller shaft must be switched off immediately.

Maintenance Major PTO

- During maintenance work, the propeller shaft must always be disconnected; this is also a requirement in order to remove the protective plate and access the clippings chamber.

Belt tension adjustment

- In order to adjust the belt tension, the protective plate must be adjusted. Unhitch the lever (1) and undo the star-screw (2) on the protective plate in order to release the protective plate.



- The protective guard must also be removed. To do so, the 4 M6 bolts (without nut) must be unscrewed. The cap is also fixed to the chassis with an M6 bolt which has a cap nut and an M8 bolt at the front of the cap. Two ring spanners (10 mm and 13 mm) are required for this.

- In order to check the exact belt tension, a weight of 7.5 kg must be hung on the V-belt. If the belt sags 1 cm, the belt tension is correct.
- Tension the belt by sliding the flat plate on the chassis forwards. The plate bolts must be unscrewed in order to do so (2 x ring spanners 13).
- Before unscrewing the machine, a felt-pen must be used to make two points on the chassis plate. This will save time afterwards when lining up the pulleys.
- If the correct tension and alignment is achieved, the plate can be locked by re-tightening the bolts (M8) (2 x ring spanner 13).
- Only once everything has been checked carefully can the protective cap be replaced in its original position.
- Replace the protective plate and tighten the button on the back sufficiently to avoid overloading the coupling mechanism.

