

CHANGING THE BLADE ON A FLOOR CUTTER

1. Ensure all power is removed from the 3 Phase “Box” Hose Cutter by turning the isolator switch to the off position.
2. Ensure the isolator is locked and a warning sign is securely attached.
3. Ensure as a minimum the following PPE is provided and correctly worn, safety foot ware, safety glasses/ goggles, overalls and gloves.
4. Using a suitable allen key, loosen (but do not fully remove) the M6 socket head c’sunk screws (14 off) that secure the top plate/ hinge assemblies in place, start from the outside and work toward the blade.
5. Apply light pressure on the foot pedal, before removing the screws nearest to the blade. This will prevent the top plate/ hinge assemblies lifting.
6. Side the RHS top plate/ hinge assembly towards the outside of the frame.
7. Carefully remove the RHS top plate/ hinge assembly from the frame and store is in a safe place ensuring that it does not become a trip hazard for other operator’s.
8. The procedure for removing the LHS top plate/ hinge assembly is identical.
9. Insert the (supplied) locking bar into the 10mm hole in the motor boss and turn until vertical.
10. Apply either a socket or spanner (preferably a ring/ closed) to the M16 nylock nut, turn anti-clockwise until it is completely removed.
11. Completely remove the washer and blade.

12. If the blade is fitted with an internal spacer this must be removed and fitted to then new blade.
13. To refit the new blade simply reverse the process ensuring that a NEW M16 nyloc nut is used, this must be tightened with a torque wrench to 100N-m.
14. While the top plate/ hinge assemblies are removed the opportunity should be taken to perform an unscheduled tightness check on all nuts and bolts.
15. To refit the top plate/ hinge assemblies, simply reverse the process ensuring slight pressure is applied to the foot pedal as the M6 socket head c'sunk screws (14 off) are tightened down (this is necessary so that the assemblies fit correctly).
16. Fully tighten all the M6 socket head c'sunk screws (14 off) by hand.
17. The isolator can now be unlocked and the warning sign removed.
18. The 3 Phase "Box" Hose Cutter is now safe and ready to operate.