

# M108S PREVENTATIVE MAINTENANCE

**NOTE: PERFORM THESE STEPS WITH THE MACHINE UNPLUGGED**

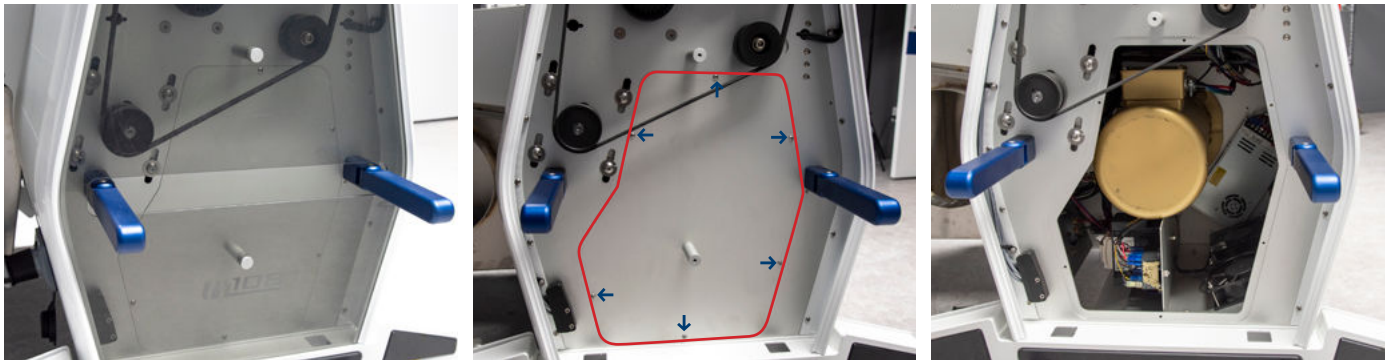
## PERFORM BEFORE EACH USE (MOBIUS LEAD):

- Check tumbler condition. Ensure wires are not kinked or frayed. Ensure rings and end caps are flush and sealed. Ensure tumbler has been stored properly before use (i.e. that is has been stored in a plastic bag with water).
- Check trim tote gasket condition. Ensure gasket is not damaged and is securely attached to trim tote all the way around the rim.
- Check trim tote condition. Trim tote should be rectangular (not bowed or distorted) and should not have any cracks or tears.
- If using separator with installed sensor cable, ensure it is in good condition. Wipe the sensor cable end and the body receptacle with an iso wipe to ensure there is no residue impeding the connection.
- Check helical blades, bed knives and spacer bars to ensure there is no damage (i.e. no nicks on the cutting edges or gouges on the body of each of these parts). Ensure dowel pin is in place.
- Check brush to ensure there is no damage to bristles.
- Check E-box filter, located under the power receptacle. Change out if necessary.

## PERFORM AFTER EACH USE (MOBIUS LEAD):

- Thoroughly clean all plant-touching parts and place parts in an orientation that ensures that they drain and dry completely.
- After rinsing the tumbler, store it wet in a plastic bag until next use. This will maintain the flexibility of the tumbler rings and end caps.

## PERFORM EVERY 50 HOURS (MAINTENANCE):



- Remove dust and other particulate that may have accumulated inside the E-box of the machine. To access this area, remove the 6 screws from the site panel and use compressed air and a vacuum to remove the particulate.
- Check 'hockey stick' to ensure that it is in good working condition and not bent.
- Check trim tote engagement levers and rails to ensure that a proper seal is achieved when the trim tote is installed

## PERFORM EVERY 150 HOURS (MAINTENANCE):

- Check condition of gears and pulleys on left side of machine, lid and all helical blades. Ensure there are no significant signs of wear.
- Check belt tension, aiming for 10 KG tension.
- Check o-rings on underside of lid to ensure they are in good condition.
- Review inventory of tumblers, helical blades, bed knives, spacer bars, brushes, trim totes and trim tote gaskets, ensuring that an appropriate number of each part is on-hand and in good working condition.
- Perform a visual inspection of the impeller to ensure that it is in good condition.
- Check and consider cleaning lid bearings.

## PERFORM EVERY 1000 HOURS (MAINTENANCE):

- Replace drive belt
- Check drive train gears and pulleys – consider replacing
- Check and clean lid bearings – consider replacing
- Check and clean inside of electrical box
- Consider replacing spacer bars
- Consider replacing helical blades