POWERMAT MOULDER
Daily Operation Reminders

Revision 2

WEINIG

1. No one is allowed to work with this WEINIG POWERMAT moulder without proper training from a certified WEINIG technician, or someone currently within the company that has been trained in similar fashion.
2. Visually inspect the tool before inserting into the moulder. Make sure that the tool and knives are not damaged or dull, and that the tool has the proper rotation and RPM rating. Knife steel taller than 2 ¾“ is prohibited.
3. Cleanliness is EXTREMELY important between the PowerLock shank and receiver. Even before release and removal of the tool, you need to remove any existing wood chips and dust from around the tool area. Use of the PowerLock cleaning device #00603226 on the tool receiver is recommended with every tool change. Use of cleaning device #00603229 for additional cleaning of the tool shank is also important. NEVER use compressed air to clean the moulder without having tools in the receiver, as this will blow debris back into the receiver.
4. To ensure that all tools are properly clamped and running, it is important that the connecting surface of both the tool and spindle receiver are perfectly clean, without dust or rust being present. Do not lubricate the clamping fingers.
5. NEVER move the spindle proximity switches. This could reduce your clamping monitoring and safety, and eventually could lead to a catastrophic tool failure. For proper proximity switch maintenance procedures, refer to attached section 10.5.5.
6. It is important that the machine operate at proper feed speeds. Feed speeds that are too slow will cause the tool to transfer heat into the receiver, which could lead to damage in the front spindle bearings.
7. Failure to properly clean tools and spindle receiver could result in broken parts, and a decrease in reliability. Always inspect for contamination of tool taper shank, clamping surface, contact face, as well as the inside area of the tool shank and spindle receiver. Any tool collision could result in some form of damage to the clamping system and/or spindle bearings. The spindle should be properly inspected by a trained Weinig technician to ensure the integrity of the spindle.
8. Review weekly your instruction and safety manuals for both the POWERMAT moulder and PowerLock tooling.

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