

# PEDESTAL GRINDER SAFETY

*"safety is a core value and business priority"*

**Pedestal grinders are powerful tools that are potentially dangerous because users take them for granted. Serious injury and even death can result from improper handling and installation. Here are a few tips to ensure safe usage of pedestal grinders:**

- Before mounting a wheel onto a machine, perform a visual inspection and ring test (hammering test) to check for cracks, chips, and other problems.
- Check that the maximum operating speed, dimensions, and other specifications of the grinding wheel are correct for the grinder being used.
- The horizontal work rest should be adjusted to within 1/8-inch of the wheel. This reduces the risk of wheel breakage caused by an item being jammed between the work rest and the wheel.
- The wheel guard enclosure should cover most of the wheel, the spindle, and the wheel mounting hardware.
- Perform test operation for at least 1 minute before the first grinding of the day, and for at least 3 minutes before using a newly mounted wheel.
- Never grind material on the side of the stone unless specifically designed for that purpose.
- A transparent hinge-mounted face guard should be attached over the exposed wheel surface area to provide additional protection from particles thrown off the rapidly spinning disk.
- Personal protective equipment includes safety glasses and a face shield, dust mask. Do not wear loose fitting clothing that could become caught in the wheel.
- Do not stand in front of wheel while grinding material.
- Discard used wheels once they are approximately 2/3 worn.



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