

# SawsGrinders – Portable Abrasive Saws and Grinders Infographic



# ANGLE GRINDING SAFELY

ONE OF THE  
**MOST DANGEROUS**  
**TOOLS**  
IN ANY WORKPLACE

If at all possible  
choose a grinder  
with an Automatic  
Cut Off Switch  
(Dead Man's Switch)

**Grinders cause more serious injuries than any other power tool.**

The two most common causes of serious injuries and fatalities from angle grinders are

## **KICK-BACKS and SHATTERED DISCS**

due to either incorrect use or damaged discs. Following these rules will help protect you from those and more:

### **BEFORE USING**

1. Read the Manual.
2. Only use if properly trained and qualified.
3. Follow correct procedures at all times.
4. Ensure you have general supervision in case something goes wrong.
5. Do not use a grinder that is more powerful, larger, or heavier than needed.
6. Never remove the guard from the grinder.

### **DISC SAFETY**

1. Use the right sized disc for the grinder.
2. Use the right disc for the material you are cutting/grinding.
3. Ensure the disc is rated for the maximum speed of the tool.
4. Never use a disc with defects or damage (including dampness).
5. Do not use a grinding disc for cutting or a cutting disc for grinding.
6. Ensure the locking nut is tightened fully.

### **SAFE USE**

1. Make sure the work piece is held firmly in a bench vice or secured to a larger item.
2. Never use between legs when sitting on the floor.
3. Always wear appropriate PPE – especially to protect your eyes, face, ears, and lungs.
4. Wear close fitting clothing to avoid tangling.
5. Allow grinder to get up to speed before cutting/grinding.
6. Use at waist height whenever possible.
7. Do not stand directly behind grinder in case it kicks back.
8. Use two hands (do not remove handle).
9. Use minimum pressure at all times.
10. Don't put grinder down until the disc stops turning.
11. When not using the grinder, disconnect the power and place grinder face up.
12. Protect others from flying sparks and particles.
13. Do not operate near highly flammable substances.

Source: <https://uyustools.com>