



BATTERY

Cut-off Saw

Tool Box Talk



Second generation battery cut-off saws have built-in safety with kickback protection (active Torque Control-ATC) and better handling and maneuverability. Improper use of the tool can be dangerous. Below are some tips to keep in mind when using a battery cut-off saw:

Control Methods to Promote Safer Use

Engineering controls

Protective equipment such as the blade guard (hood) is a must. Do not tamper, modify or remove the blade guard. Use a compatible water solution to reduce dust exposure.

Administrative controls

- Reduce exposure time through work rotation and proper resting periods
- Keep the workplace clean and organized

Personal protective measures — PPE, gloves, eye, skin, hearing

Always wear the personal protective equipment as set by the saw manufacturer, job site requirements, and local regulations.

Maintenance and Inspection

- Optimize the life and safety of your saw by inspecting it before daily use
- **Things to look for:**
 - Cracked or damaged blade
 - Damaged batteries
 - Battery charge level
 - Split hoses
 - Properly installed arbor bolts
 - Properly connected hose adapter
 - Blade put on properly
 - Damaged or removed guards

Steps for a Safer Worksite While Utilizing Battery Cut-off Saw

- Operate tool in accordance with operator manual
- Keep work site organized and well lit
- Check work area for cables, gas and other pipes and wiring
- Ensure enough distance from persons and other objects during operation
- Assure proper support of material being cut to ensure pinching does not happen
- Ensure good grip on saw and balanced stance
- Don't bend over the blade or stand in direct line
- Never work with saw above your shoulders; when working on height, you should use a platform/scaffold, not a ladder
- Cut with the lower quadrant of the blade to reduce kickback
- Turn off saw before carrying to new location
- Store batteries in well ventilated cool environment removed from the tool
- **Use proper blade:**
 - Concrete: diamond or concrete abrasive disc
 - Steel: abrasive blade
 - Follow all instructions and warnings in the tool operator's manual and blade labels/warnings
- Keep clear of the areas in front of and behind the rotating cut-off blade
- Never tamper with or modify the power tool or battery in any way

Helpful features of battery cut-off saw

- Easier starting
- Easier maintenance