

WARNING


Read these instructions and the warnings for all equipment being used before operating this tool to reduce the risk of serious personal injury.

SAVE THESE INSTRUCTIONS!

- **Use personal protective equipment.** Always wear eye protection to reduce the risk of eye injury.
- **Keep your fingers and hands away from the blades.** Fingers can be cut.
- **Do NOT use on or near energized conductors.** These tools are not insulated. Use of tools near energized conductors may lead to electrical shock, causing severe injury or death.
- **Do not use handle extensions to activate the tool.** Handle extensions can slip and cause serious injury. Extended handles can overload the tool and cause tool failure and/or serious personal injury.

Description and Specifications

The RIDGID® RC-40, RC-55 and RC-70 Ratchet Cable Cutters are designed to cut copper and aluminum cables as listed in the below table. Do not use on ACSR or steel cables.

MODEL	RC-40	RC-55	RC-70
Max. Cable Diameter (w/Insulation)	Cu: 600 MCM Al: 750 MCM 1.5" (40 mm)	Cu: 750 MCM Al: 1000 MCM 2" (55 mm)	Cu: 1000 MCM Al: 1000 MCM 2.75" (70 mm)
Cable Type	Class 2 Stranded Conductor and Class 5 Flexible Conductor to DIN VDE 57295		
Conductor Material	Copper and Aluminum		
Length in (mm)	9.4" (240 mm)	12.2" (310 mm)	21.7" (550 mm)
Weight lb (kg)	1.5 lb (0,7 kg)	3.3 lb (1,5 kg)	6.4 lb (2,9 kg)

The RIDGID® RC-336 and RC-556 Ratchet Cable Cutters are designed to cut ACSR cable. Do not use on steel cables.

MODEL	RC-336	RC-556
Max. Cable Diameter	336 MCM	556 MCM
Cable Type	ACSR	ACSR
Length in (mm)	9.4" (239 mm)	12.5" (317 mm)
Weight lb (kg)	1.8 lb (0,8 kg)	3.7 lb (1,7 kg)

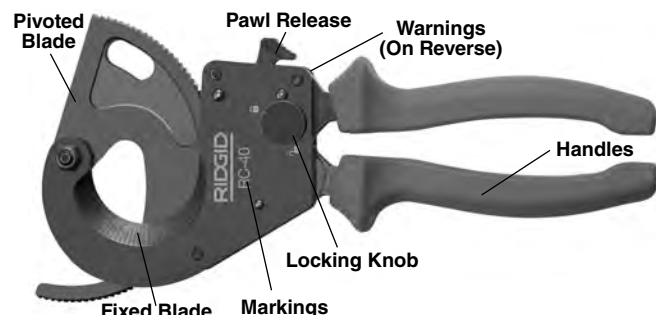


Figure 1 – Ratchet Cutters (Model RC-40 Shown)

Inspection/Maintenance

1. Daily before use, clean equipment, including handles to aid inspection and improve control. Clean pivoted blade teeth.
2. Inspect the cutter for:
 - Proper assembly and completeness.
 - Binding, wear or damage. Inspect the blade profile for damage.
 - Presence and readability of markings and warnings.
 If any problems are found, do not use until corrected.
3. Lubricate pivot point with a light lubricating oil. Wipe off any excess oil.

Set Up and Operation
Locking Handles

For storage the handles can be locked closed. Hold the handles together (1) and move the lock knob to the locked (🔒) or unlocked (🔓) position as desired (2).

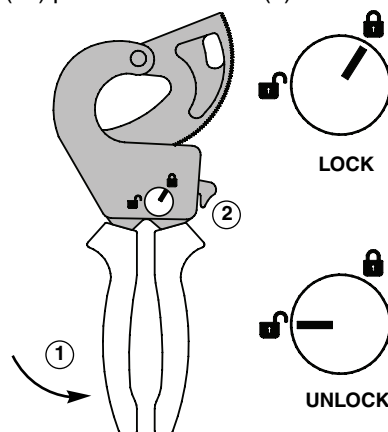


Figure 2 – Cutter Lock/Unlock

Opening Cutter

Cutter Empty – Either push the pivoted blade through or press the pawl release to allow the blade to be retracted.

When Cutting - hold the handles together (1) and press the pawl release (2). Continue pressing the pawl release and open the handles (3) so that the pawl disengages from the pivoted blade teeth. Retract the pivoted blade (4).

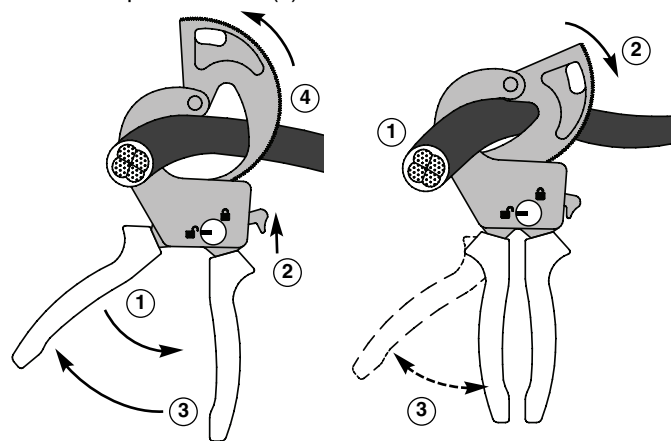


Figure 3 – Opening Cutter when Cutting

Figure 4 – Cutting the Cable

Cutting

1. Insert appropriate cable between the blades.
2. Squarely line up the cutting edges with the cut location. Push the pivoted blade through the cutter into contact with the cable.

Keep the blades at right angle to the cable. Do not cut diagonally. Do not use cutter to twist, pry or bend. This can result in breaking or chipping of cutter.

3. Repeatedly squeeze the handles to ratchet the pivoted blade and cut the cable.
 4. Inspect the cut. Be careful of any sharp edges.
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