

READ ME FIRST!



D.I. Roof Seamers

**D.I. REVOLUTION™
CRIMPER
FIELD GUIDE**

**READ THIS FIELD GUIDE
COMPLETELY BEFORE
ATTEMPTING ANY CRIMPING
OPERATIONS!
SERIOUS INJURY MAY
OCCUR!**



Figure 1



Figure 2

Your D.I. Revolution™ will come packaged in this custom container as shown in Figure 2. The container should not be damaged in any way. Remove the crimper from the case and visually inspect it for any type of obvious problems or damage. Along with the crimper, you will receive (2) M18 Lithium-Ion Battery Packs, a Lithium-Ion Charger, and a side handle that can be installed in any of 3 positions. Also, there will be this field guide, a certification of the electric crimper and your shipping information.

Note: The drill can be oriented in 1 of 4 positions by removing and reinstalling the (4)8-32x½ SHCS in the desired position as indicated by the Yellow Arrow in Figure 2.

The D.I. Revolution™ requires a M18 Lithium-Ion Battery to operate. Please keep the extra battery on the charger connected to a 100-125 volt AC power supply. This will insure that you always have power crimper. Typical recharge time is 30 minutes to 1 hour depending on your battery.

It is recommended to “seam as you go”. In other words, seam the roof panels as they are being installed. This ensures that each panel is kept within module and installed correctly.

Before beginning, clear the roof of all debris and contaminants such as sand, snow, excessive fluids, sealant/mastic, tools, extensions cords, etc... Also, always tie off to an adequate location when possible to help prevent potential injury.

Hand crimping correctly is critical when installing any roof panel. Insure that panels are to manufacturer’s specifications and in proper modulation before crimping.

It is important to remember to use extreme caution when reaching the edge of the roof. Work from a lift bucket if at all possible and always remained tied off.

**DO NOT ATTEMPT TO RUN IN REVERSE!!! See Figure 3
REVERSE SHOULD ONLY BE ENGAGED IN CASE OF EMERGENCY.
DRILL SHOULD BE ON SETTING 1(LOW RANGE) WHEN IN USE.**



Figure 3

Before attempting to place the D.I. Revolution™ on the panel or removing it from the panel, make sure that “Open” is visible in the viewing window on top of the crimper as shown in Figure 4. If the viewing window is in the “Red” do not attempt to remove the crimper. Cycle the crimper to the “Open” position. Make sure that the panels forming side is as indicated by the panel profile label.

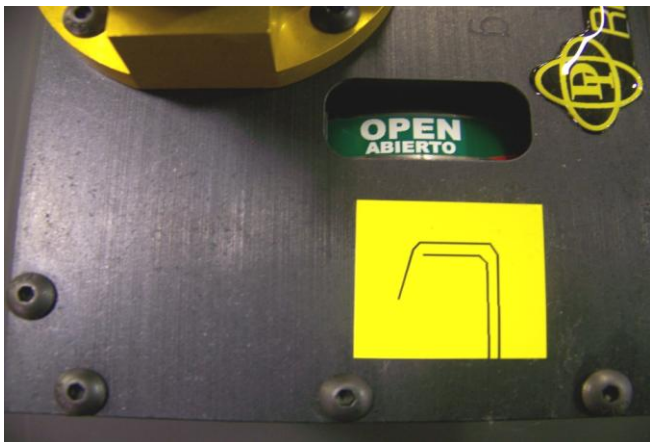


Figure 4

Always make sure that the D.I. Revolution™ is properly oriented on the panel as shown in Figure 5. Improper engagement will result in damaged panels and possible damage to the crimper.

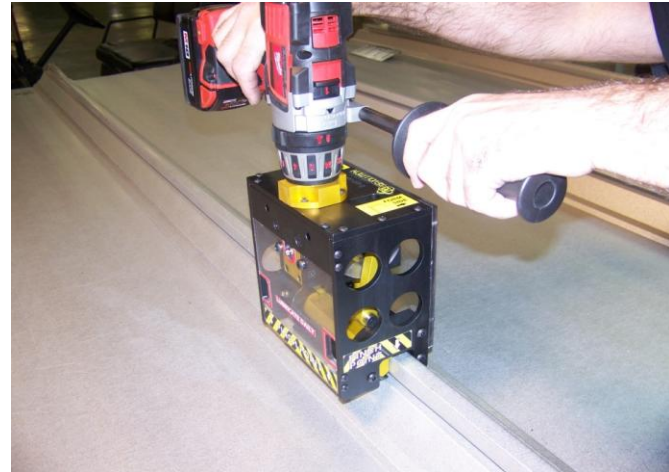


Figure 5

Please pay special attention to the labels on the Crimper and stay clear of any “Pinch Point” locations such as depicted in Figure 6.

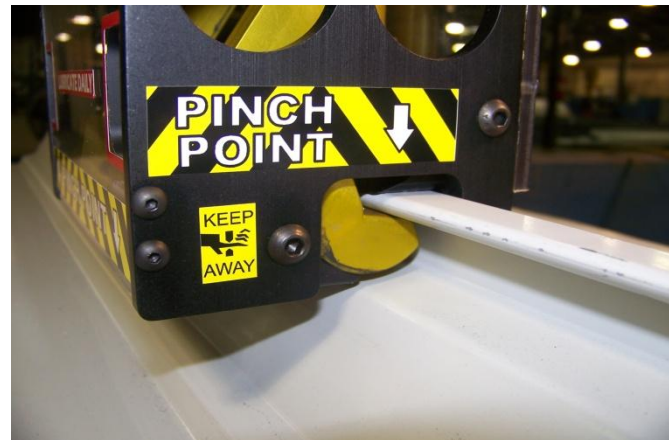


Figure 6

After cycling the D.I. Revolution™ you should have a crimped portion of panel similar to that shown in Figures 7 and 8.



Figure 7



Figure 8

It is important to keep your D.I. Revolution™ well maintained. Never leave the machine unattended when it is on a roof. Not only could the machine fall and result in damage to the machine itself but it could also cause serious injury or possible death to anyone on the ground.

It is also necessary to keep the D.I. Revolution™ properly lubricated. It needs to be lubricated daily at both of the grease fittings as indicated in Figure 9 by the green arrows. A small amount of grease in each fitting will be sufficient. It will also need to be lubricated weekly at the top grease fitting indicated by the blue arrow.

Excessive heat or heavy use may require additional greasing.

RENTER INFORMATION

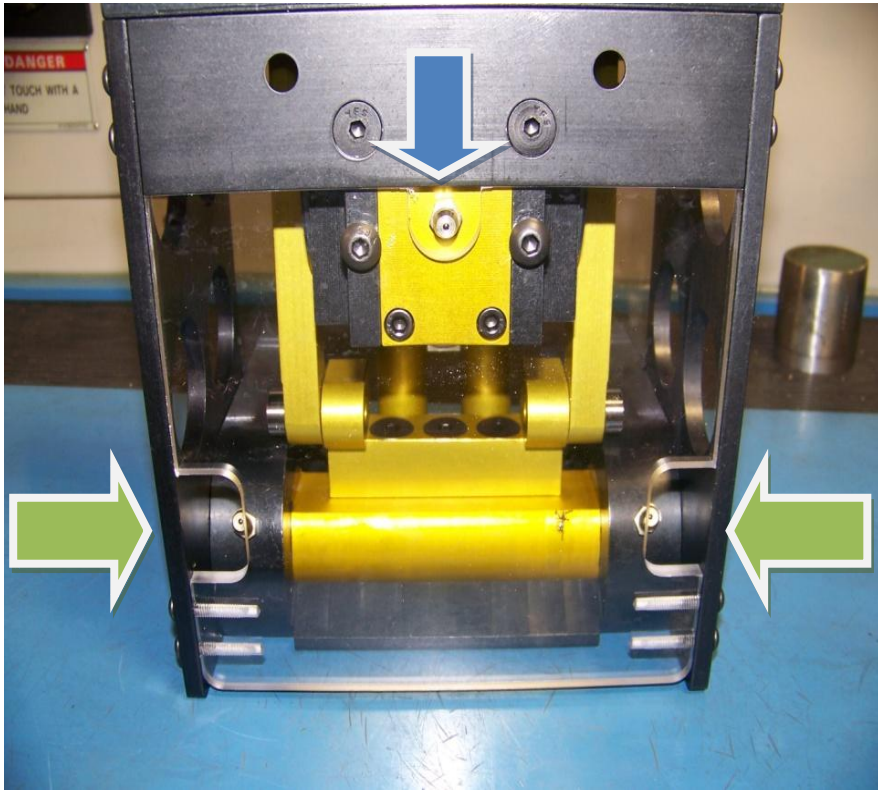


Figure 9

- Rental Fees begin the day that you receive your crimper and end the day it is returned to our facility. If you receive any tools with your crimper, they must be returned with the crimper to avoid any additional charges.
- *RETURN FREIGHT IS YOUR RESPONSIBILITY!*
- You will be billed for any damage, other than normal “wear and tear” from usage, found on the machine or hand tools.
- When complete, return the crimper to:
D.I. Roof Seamers
915 Highway 45
Corinth, MS 38834
- If any inconsistencies appear in the seam or if you have any questions, problems, etc... **STOP CRIMPING** and contact Technical Support at **1-888-343-0456** immediately. **Do not attempt to alter, maintenance, adjust or correct any setting on this machine without instruction from a technician.**
- Follow all safety suggestions, warnings, etc... in this manual and posted on the machine itself. Failure to do so may result in serious injury or death.
- For additional information, visit www.diroofseamers.com.