

HORNET II: OPERATION

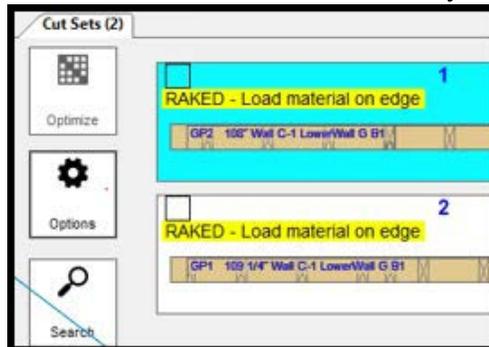
Step #	Summary Steps	See Section
9	<p>Depending on the scenario, use one of the following methods to stop the saw:</p> <ul style="list-style-type: none">• Press the Saw Stop button on the operator panel.• Press “Pause Sequence” or Quit on the Load Sets screen.• Press the Stop button on the Auto Loading Live Deck control panel (if equipped).• For emergency situations, activate any E-stop that is integrated with the system.	Stopping Methods on page 55

Specialized Operating Procedures

Universal Material Loading Guidelines

The *Hornet II* saw is designed to cut boards stacked 2-high. Keep in mind the following guidelines when loading material.

- The saw can process dimensional lumber up to 4x and 12” wide.
 - Note that when using dimensional lumber larger than 2x, it cannot be stacked.
- Load material on its wider surface (2x4, 2x6, etc.).
 - Material may need to be loaded onto its edge for a special cut. The cut set will indicate when this is necessary.

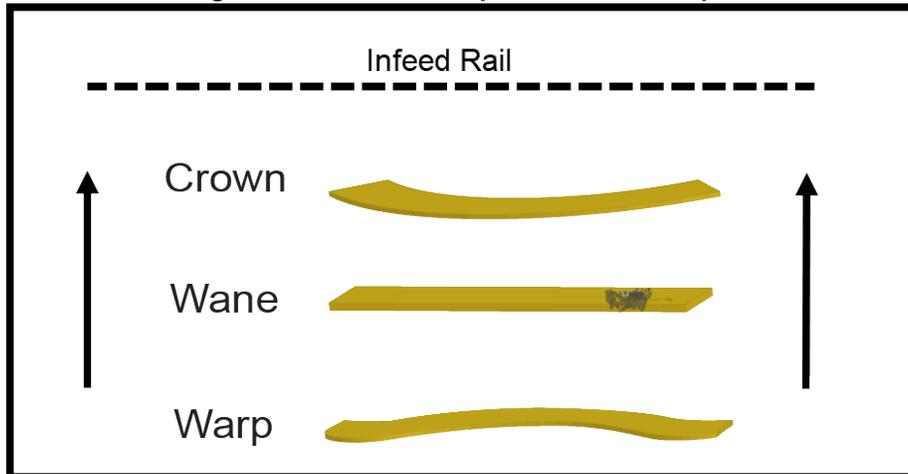


- Material for raked cuts needs to be loaded directly onto the infeed rail and not the auto loading live deck (if equipped).
- Ensure all material used has no staples or pooled water. Staples can damage the print heads.
- When loading material directly onto the infeed rail, ensure it is not stacked flush against the infeed pusher, and is tight up against the fence line.

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Addressing Lumber Imperfections

Figure 6-39: Lumber Imperfections Examples



- **Crown:** a curve on the edge of a board (1-1/2" edge on a 2x4); the crown points up on floor studs or out for wall studs in constructed homes. Place the board so crown points away from the infeed rail as it enters the saw.
- **Wane:** a defect in the board where a portion of the wood is missing from the board edge or face; place opposite of the saw-end of the infeed.
- **Warp/Twist:** a curve where the face of the board (3x1/2" side on a 2x4) is higher or lower in one spot than on the rest of the board; place board so warp points up.

Replace Poor Quality Boards: if a board displays excessive defects in the above areas, it should be discarded and replaced with a different board.

Load the material in the recommended orientation as seen in [Figure 6-39](#), depending on defect - regardless if loading directly onto the infeed rail or the auto loading live deck.

Preparing the Auto Loading Live Deck (if equipped)

1. Ensure all E-stops have been released and that the RESET button on the saw operator panel is not illuminated. If it is, press the button or resolve any active alarms.
2. Place the material onto the auto loading live deck in the order it will be processed according to the loaded cut sets. See [Figure 6-40](#).
 - Load lumber towards the back of the auto loading live deck, near the manual controls.
 - Position the material so it is flush with the auto loading live deck guard.
3. As material is loaded, use the auto loading live deck controls (see [Auto Loading Live Deck \(If Equipped\) on page 61](#)) to move the material towards the infeed rail to make room for more material until all necessary material is loaded, or the auto loading live deck is full.

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Figure 6-40: Loading the Auto Loading Live Deck



4. Observe all guidelines as described in both [Universal Material Loading Guidelines](#) and [Addressing Lumber Imperfections](#) on page 89.
5. The chains will automatically progress the material onto the infeed rail as the job is processed.

Operating the Printer (Printer Settings)

Figure 6-41: Printer Locations

