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Safety

Warning
Knife blades are sharp.
Can cause serious injury to hands.
Guards must be in place during operation.
Use only recommended tools when handling knife blades.

About the blade guard

The reversible blade guard covers the blade when the knifeholder is retracted during non-operation and handling.
The guard is held in place by a bracket installed on the guide bar mount and is actuated by the extension of the knifeholder.
The actuator assembly is reversible; it can be moved to the other side of the blade guard strut. See page
Modified blade guards are available for strip blades and wide rim blades.

Related documentation

Please see the Tidland User Manual for your knifeholder for:
- information about knifeholder parts or functions described in this publication
- complete cartridge maintenance
Nomenclature

Performance Series
Automatic KH shown here.

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<table>
<thead>
<tr>
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<tr>
<td>1</td>
<td>Guide bar mount</td>
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<tr>
<td>2</td>
<td>Bracket (stationary)</td>
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<tr>
<td>3</td>
<td>Actuator assembly (reversible)</td>
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<tr>
<td>4</td>
<td>Actuator assembly release pin</td>
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<tr>
<td>5</td>
<td>Adjustment screw</td>
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<tr>
<td>6</td>
<td>Blade guard</td>
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</table>
360° blade guard

When the blade cartridge is retracted, the blade is guarded. When the blade cartridge extends, the blade is unguarded.

Adjusting the blade guard

To adjust the guard for a closer fit to the knife blade, turn the M5 adjustment set screw (1) clockwise until the guard touches the blade, and then back off one-quarter turn. The knife blade should spin freely and smoothly on the blade hub and not rub on the guard.
2–2 OPERATION

Removing the blade cartridge

When the 360° Blade Guard cartridge is installed, the blade is guarded when the knifeholder is retracted.

1. Lift lock lever up.

2. Slide cartridge off of knifeholder body.

   [Tidland e-Knifeholder dovetail is shown here: cartridge function is the same on all knifeholders.]

If you are changing the cut side (reversing the blade cartridge on the knifeholder), you must reverse the 360° Blade Guard actuator assembly if installed.

You must also reverse the cant key.
Reversing the blade guard actuator assembly

- Remove the blade cartridge from the knifeholder before reversing the actuator assembly.

If you are using a Performance Series Manual Knifeholder, you must also reverse the hose assembly. See page 2–2.

Before reinstalling the blade cartridge on the knifeholder, remove dust and debris from the dovetail interface components.
Hose assembly
Manual knifeholder only

If you reverse the actuator assembly on a Performance Series Manual Knifeholder, you will need to reverse the hose assembly.

1. Disconnect the hose assembly at the cartridge (1).
2. Use 3 mm hex wrench to press in and turn the lock at (2), and lift the actuator assembly to remove.
3. Reverse the positions of the air plug (3) and air hose fitting (4) on the cartridge.
4. Install actuator assembly on the side opposite the hose fitting.
5. Reconnect the hose assembly at the cartridge (5). Make sure the other end of the hose is still connected to the knifeholder.
Blade cartridge with 360 degree blade guard

Class II — 766913
Class III — 766915

Item 33 is a sub-assembly that contains the following replaceable parts:

Guard actuator kit
Performance Series
C2 – 778011
C3 – 769351

Guard mechanism kit
C2 – 769352
C3 – 769353

Guard attachment kit includes guard, screws, and standoffs
Standard
C2 – 659076
C3 – 659077
Wide rim blade
C2 – 771296
C3 – 771297
Blade cartridge with 360 degree blade guard

Parts list

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<tr>
<th>Item</th>
<th>Description</th>
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<th>Qty</th>
<th>Class III</th>
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* Recommended spare parts
Removing the knife blade from the cartridge

**Warning**
Knife blades are sharp. Can cause serious injury to hands. Tidland recommends the use of stainless steel mesh gloves for extra protection.

1. Remove the blade guard actuator assembly. (See page 2–1.) The guard flap will swing out of the way.
   **Caution:** The knife blade edge is now exposed.

2. Secure the cartridge to a workbench using a Tidland Bench Fixture kit.

3. Tilt the blade out of the cartridge.

   See your Tidland Performance Series knifeholder manual for torque specifications during reassembly.

Visit www.maxcessintl.com for information about Tidland Slitting Accessories.

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