



## Pegasus 200 Portable Full Height Turnstile

### **Note to equipment owner:**

The instructions / information contained within this document have been provided for your convenience. It is your responsibility to read and follow the information and warnings detailed within this document. Rizon Manufacturing Inc; shall have no liability for damage or injury resulting from improper use of our products.

### **About the Pegasus 200 Portable Full Height Turnstile:**

The Pegasus 200 derives its operational strength from the renowned Alvarado MST - Full Height Turnstile, a pinnacle of trust, security, and reliability within the industry. The Rizon Pegasus 200 series has universal compatibility with existing access control software and construction site software making it suited for fast and reliable deployment. Seamlessly combining these attributes, this turnstile ensures optimal performance and a robust access control solution to protect your assets and ensure the security of your job site and the safety of your employees.



# User Manual

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## 2. Important Safety Warnings



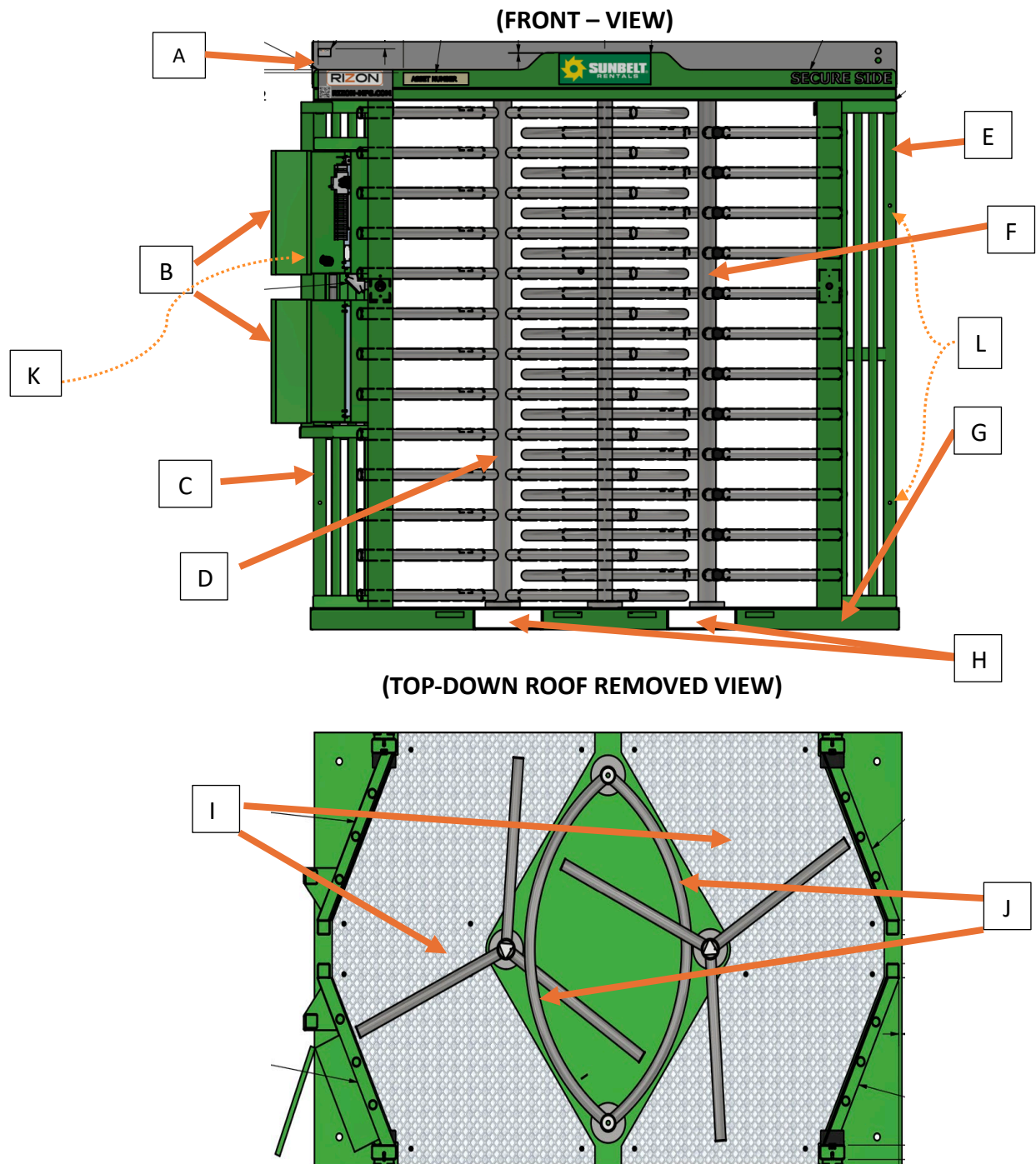
### **WARNING**

*Always follow operating precautions, including the following:*

- Read this manual in its entirety before operating the Pegasus 200 Portable Turnstile, if there are questions, you may contact Rizon Manufacturing (US) during normal business hours 888-552-9046
- The Pegasus 200 Portable Turnstile is not a toy, do not let children play on or near the turnstile. Horseplay in or near the Pegasus 200 Portable Turnstile is forbidden.
- Do not operate the Pegasus 200 Portable Turnstile if it is damaged in any manner. Have the Pegasus 200 Portable Turnstile repaired or adjusted by a skilled service person before use.
- Do not alter the Pegasus 200 Portable Turnstile.
- Do not use mechanical key overrides to allow uncontrolled passage. Mechanical key overrides are intended for limited use in special situations, under the direction of operating management (i.e. gate attendant).
- Train the personnel that will be using the Pegasus 200 Portable Turnstile in the proper method of operation. Ensure that “as new” users are added, they are properly trained.

**.....Save These Instructions!!!!!!**

### 3. Components - Pegasus 200 Portable Turnstile



<b>A</b> - Header	<b>D</b> – Left Roto	<b>G</b> - Base	<b>J</b> - OV
<b>B</b> – NEMA Boxes	<b>E</b> – Right Yoke	<b>H</b> – Fork Cut - Out	<b>K</b> – Power Light
<b>C</b> – Left Yoke	<b>F</b> – Right Roto	<b>I</b> – People Passage	<b>L</b> – Connection Fence Bracket

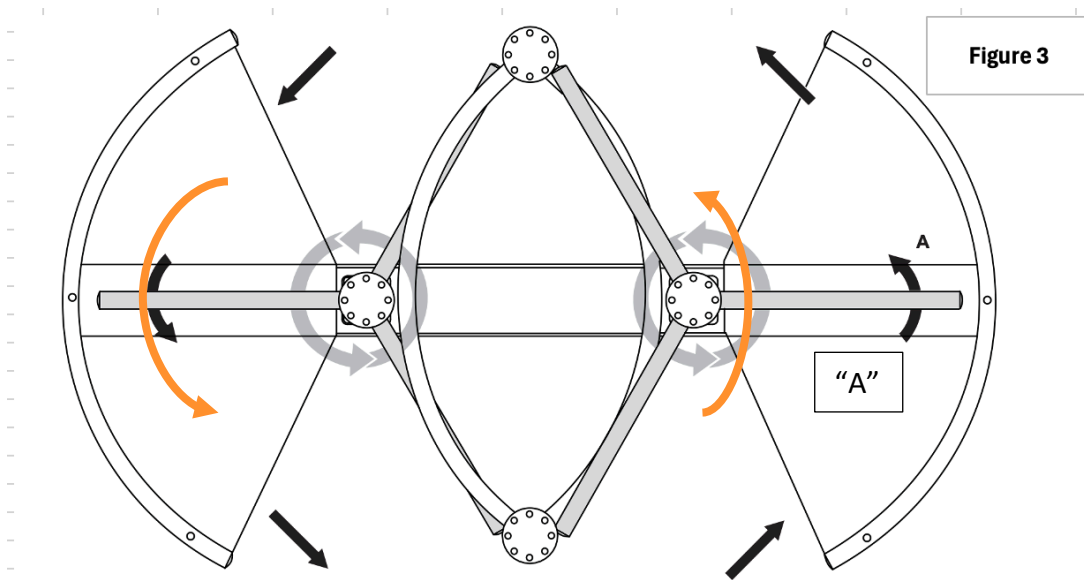
## 4. Operation / User Instructions

### Notes

- Always walk slowly through the turnstile
- Always use caution when using the turnstile

Follow the steps below on how to use the turnstile.

1. The turnstile should always be in the “Home” position before access is requested (i.e. an access control card is presented to the card reader). If the turnstile is not in the “Home” position, manually reposition the Roto section (the arms) to the “Home” position before requesting access
2. Request access (i.e. present an access control card to the card reader) and activate the turnstile. Listen for the turnstile to unlock (the solenoid will “fire” and make a clicking sound) and (if applicable) look for the green activation light.
3. Immediately step into the turnstile (Figure 3). Keeping your arms extended, gently push on Roto arm section “A” and slowly walk through the turnstile (Figure 3). Stay near the Yoke and take short steps. Once you have traveled through the passage area move out of the way of the turnstile arms.



### **CAUTION**

Never grab Roto arm and pull it in front of you. Doing this will result in the Roto section stopping suddenly (after rotating 120°) before you are all the way through the turnstile.

### **CAUTION**



After walking through the turnstile, the turnstile arms will continue to rotate, completing the 120° rotation. Taking long steps could cause the trailing arm section to strike your heels. Heel and arm guards are an option that can be purchased from RIZON.

4. Step completely out of the turnstile.



If a patron does not complete the full rotation before the predefined delay time-out period, the turnstile will re-lock. Based upon the actual position of the patron when the turnstile re-locks, the patron will either complete the full rotation or will be required to back out of the turnstile and initiate another entry access request.

5. Override Key Operation

Each Pegasus 200 will be shipped with an Override Key. The key is located inside the top NEMA box, attached to the door. (see figure 4)

The Override Key is used in conjunction with the Key Override switch and manually unlocks the turnstile in the desired direction.

**The Pegasus 200 is always shipped in the “Fail-Lock Entry (Unsecured Side) / Fail -Safe Exit (Secured Side)” configuration.**

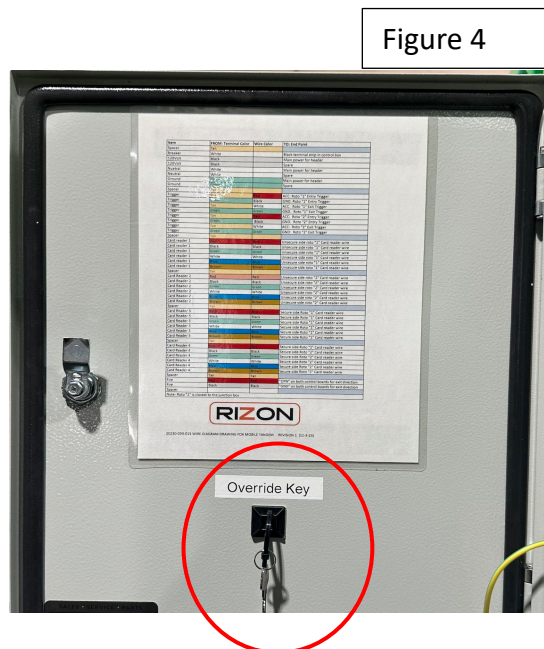


Figure 4

**\*Note\*** The key will always be parallel to the Header in the override position. The key will always be perpendicular to the Header in the non-override position (figure 5).

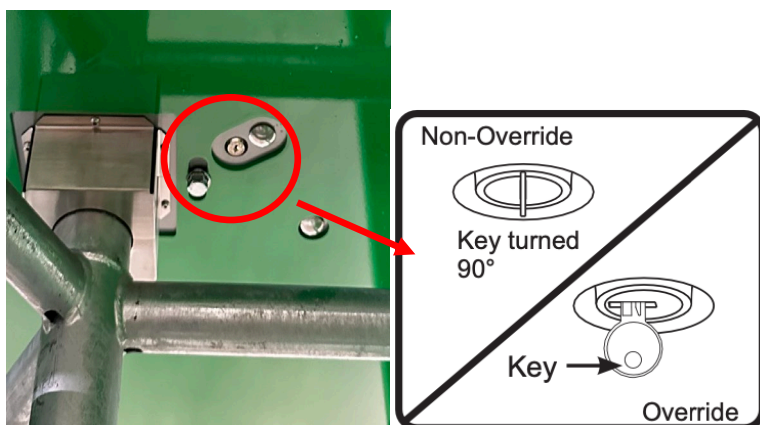
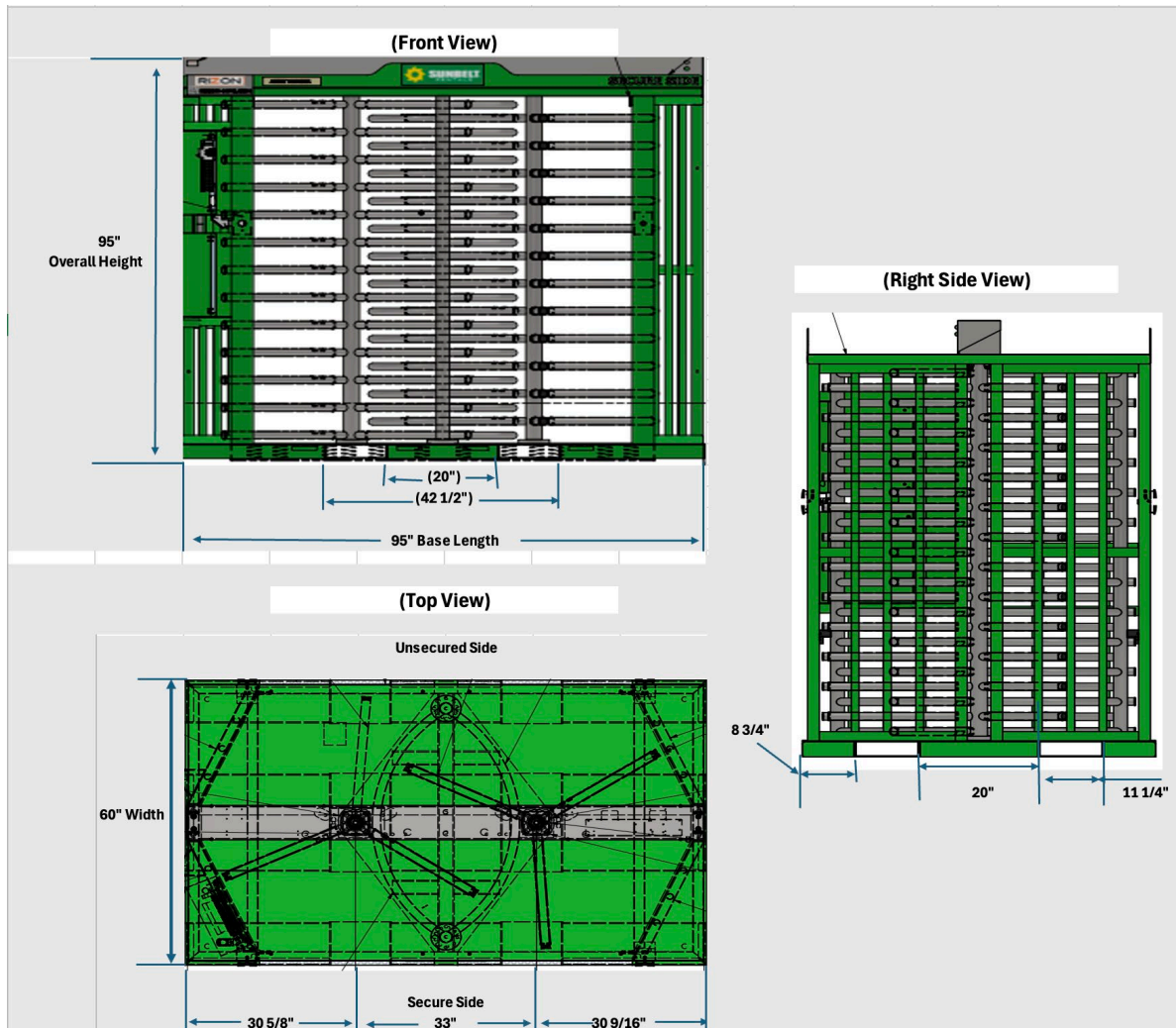


Figure 5

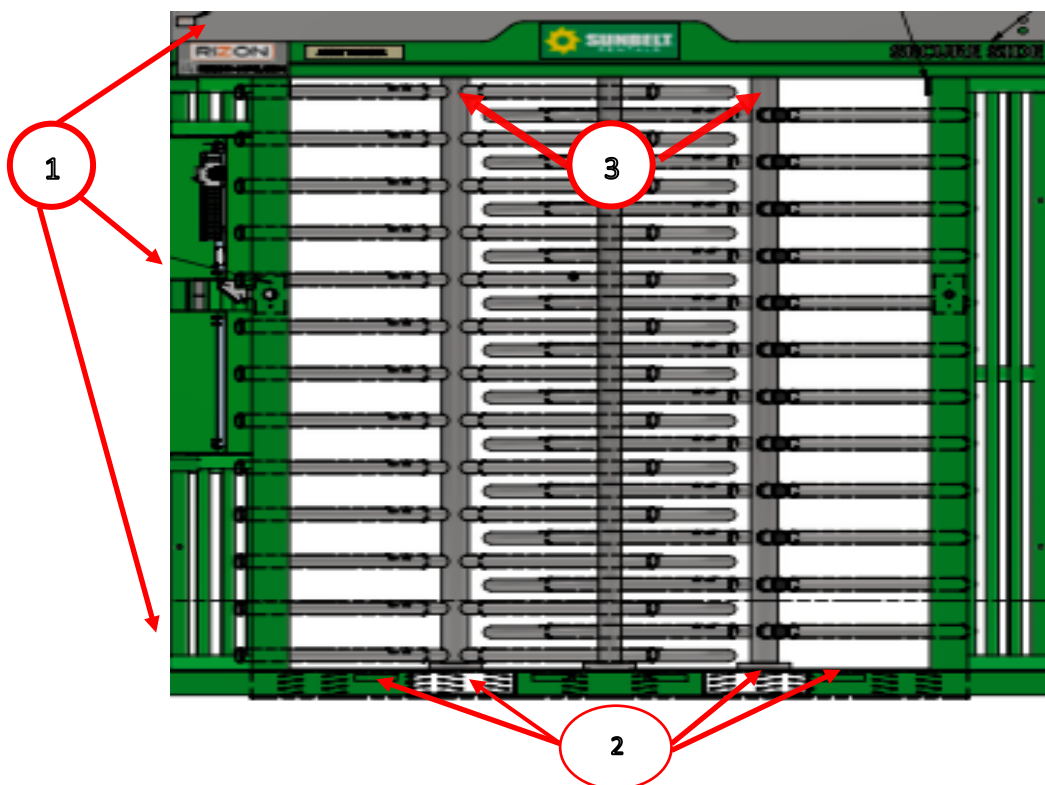
6. Te



## 7. Pegasus 200 Maintenance

Due to the robust design of our Pegasus 200 Portable Turnstiles, the maintenance requirements are minimal. However, we do recommend the following checks be performed when a unit is returned from rental service. Performing these checks will help keep your Pegasus 200 performing at optimal levels.

The following information describes “simple periodic maintenance” procedures” for the Pegasus 200. Any issues, that are found with the Pegasus 200 that are not covered by the scope of the “simple periodic maintenance” procedures, would be considered “major”. Please contact Rizon Manufacturing for support with “major” issues.



1. Perform a visual check of unit, inspect for damage to structure (floor, roof, OV, yoke, rotos, etc..). Check for missing or loose hardware (screws, bolts, etc..). *\*Tip\* scratches and small dents are permissible. Cracks in tubes, bent support structures, or damage to NEMA boxes and top channel (SS header on top) are outside the scope of “simple periodic maintenance”.*
2. Apply power to the unit, verify that the “green” status light on the top NEMA box and the walkway lights illuminate
3. Clean the unit with soap (neutral detergent like car shampoo) and water.
4. Using compressed air or a power washer, remove any debris from the floor bearings and walkways. *\*Note\* - Be mindful of the pressure applied, so as not to damage the unit.*
5. Verify the rotos are vertically secure (should not be able to move the roto up and down). If one or more rotos are found to be loose, tighten the setscrew located at the top of each roto. Confirm the rotos are now secure.

6. Turn each roto, verify the movement of both are smooth consistent. Check that both rotos return to the home position.
7. Assure no roto arms are bent or cracked.
8. Visually inspect roto arm covers for damage or excessive wear, replace if warrant.
9. Inspect badging, insure labels are intact and legible.
10. Verify that annual (or whatever frequency is decided) PM has been scheduled and or completed.