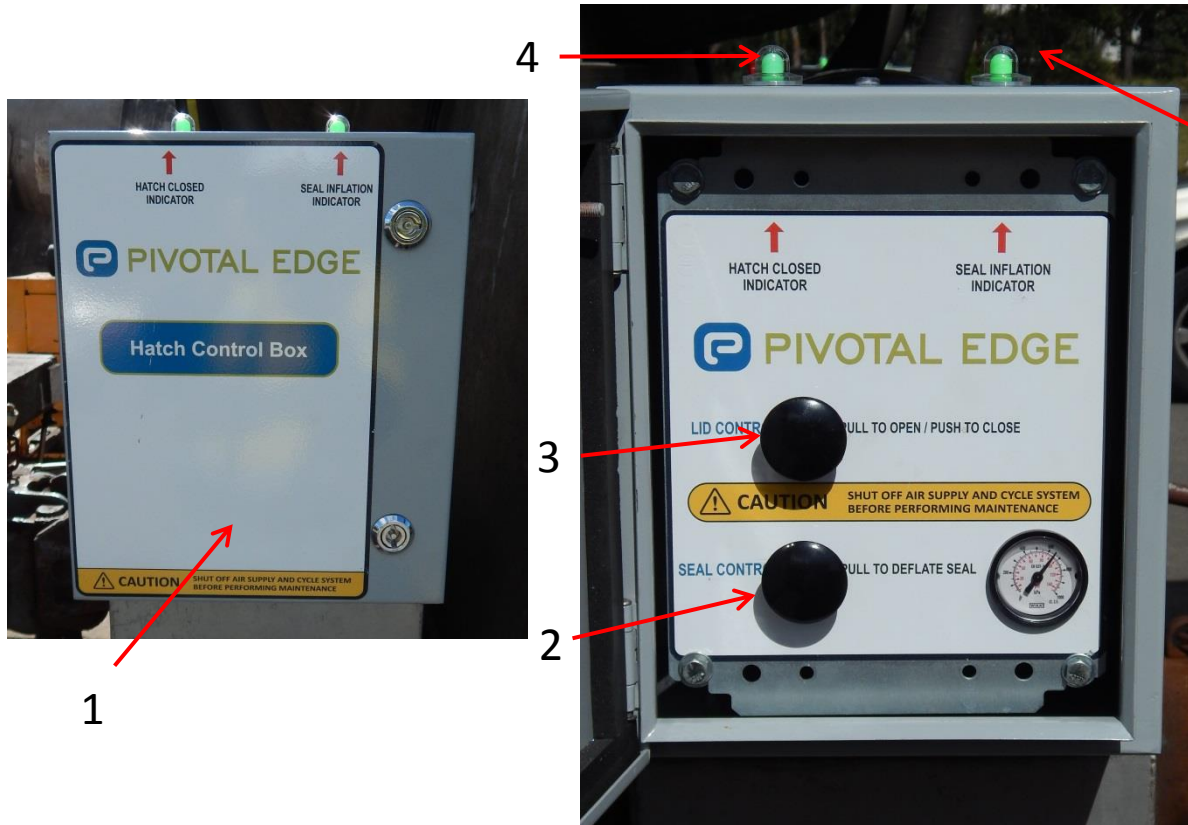


OPERATION GUIDE for PIVOTAL EDGE RAIL TANKER CONTROL



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KEY

1. Auto *Hatch control box cover*, dual control hatch can be operated from either control box.
2. *Seal control knob*, deflates and inflates seal.
3. Hatch *lid control knob*, open and close the hatch.
4. *Lid closed indicator* should be green when closed.
5. *Seal Inflation indicator* should be green when sealed.
6. *Indicator* off
7. 25l *Air knife vessel*



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Opening procedure

1. **PULL OUT SEAL CONTROL KNOB** TO DEFLATE SEAL
2. SEAL WILL DEFLATE AND CONTROL BOX WILL DRAW A VACUUM ON SEAL TO ENSURE IT IS FULLY RETRACTED INTO MACHINED GROVE.
(once fully deflated *seal inflation indicator* will turn off)

Note: Lid control cannot be activated until the required vacuum is drawn on the seal.

3. **PULL OUT LID CONTROL KNOB** TO OPEN HATCH –SLIGHT DELAY ON OPENING AS SUFFICIENT AIR PRESSURE IS BUILD UP TO OPEN HATCH.

Note: Once the lid control knob is released the air from the line used to open the ram will bleed some air off to fill the air knife tank (25l vessel) this causes a slight delay in the lid opening as sufficient air pressure is building up to open the hatch. The air knife vessel will continue to fill for a few more minutes after the hatch opens, however loading can commence.



Closing procedure

1. CLOSE HATCH BY **PUSHING IN LID CONTROL KNOB**
2. WHEN CLOSED THE ***HATCH CLOSED INDICATOR SHOULD BE GREEN***
3. INFLATE SEAL BY **PUSHING IN SEAL CONTROL KNOB**
4. WHEN SEAL IS INFLATED ***SEAL INFLATION INDICATOR SHOULD BE GREEN***



Purge function – performed after each discharge or if hatch lid is not sealing.

Pull out seal control knob once tank pressure reaches .05 to 1 bar, thereby releasing tank pressure, wait for air to dispel through flange. This action will blow excess product off the flange, once complete **Push in seal control knob** to reseal the hatch confirming seal inflation indicator is green.

