## **Vertical Loader Assembly**

## **SPECIFICATIONS**

- 1. Up and down motion
- · Driving device: Air cylinder (100Dia x 1280st)
- · Ascent/decent stroke: 1280mm
- · Stroke adjustment: Adjust the lower limit position (Margin lift for adjustment: 400mm)
- · Remove the bolt and adjust the stopper position at a 40mm pitch.
- · Make a fin adjustment using an adjust bolt, within 40mm.
- · Position detection: Two-position detection with a proximity sensor

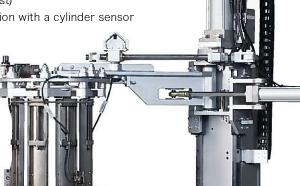
## 2. Swing

- · Driving device: Air cylinder (63Dia x 250st)
- · Position detection: Two-position detection with a cylinder sensor
- Swing adjustment: Swing can be adjusted by controlling the swing stopper position.
- 3. Contraction and expansion of shoe
- · Applicable tire size: 13 to 17inchs
- · Paddle: Quantity: 8 pcs

Minimum diameter: 270mm

- Maximum diameter: 485.8mm

  Driving device: Air cylinder (50Dia x 50st)
- · Position detection: One-position detection with a cylinder sensor



- 4. Green tire detection
- · Detection method: Proximity sensor (Three places)
- 5. Centering adjustment:
- · Adjustment in the swing arm direction: Use an adjust bolt.

(Adjustment range: +/-5.5mm)

 Adjustment in the direction of the swing arm: Adjust the lock nut of the Stopper.

(Adjustment range: +/-7mm)

· Adjustment of parallelism with platen: Use the adjust bolt.

(Adjustment range: +/-5mm)





