

# LB Conveyor Belt Lifters

## Operating Instructions

### CBL800-1500 T & R Belt Lifter

**400kg working load limit**

1. Correctly isolate the conveyor belt in accordance with prescribed procedures.
2. (A) CBLT (Troughing lifter)
  1. Place the lifter under the belt, and onto the main beams (stringers) of the conveyor. Making sure the lifter has full contact with the main beams and is centred under the belt.
  2. Connect the winder handle to lifter mechanism and wind in a clockwise direction until the belt is to the required height.
  3. Remove handle before working on conveyor.
3. (B) CBLR (Return lifter)
  1. Turn eccentric locks to release link arms, then place the lifter under the belt onto the main beams (stringers). Making sure the lifter has full contact and is centred under the belt. Fold out and position link arms either side of the belt.
  2. Place the lifting tube under the belt and into the rings of both link arms.
  3. Connect the winder handle to lifter mechanisms and wind them in a clockwise direction until the belt is to the required height.
  4. Remove handle before working on conveyor.
4. Lowering of either lifter, operate the handle by turning anti-clockwise.

#### **WARNING!**

The conveyor belt lifters are specifically designed and marked for lifting certain size conveyor belts.

They are **NOT** to be used for lifting **LOADED BELTS** or **any other type of lifting application.**

#### **SPECIFICATIONS**

Capacity: **400 kg W.L.L.**

Winder Speed: **55 rpm Max**

A. (Troughing): Vee - 45° Std

Lifting range: 150mm - 380mm

B. (Return): Adjustable link arms.

Lifting range: 310mm – 50mm Std

470mm – 170mm Max

#### **GENERAL MAINTENANCE**

The lifter must be kept clean at all times. It's moving parts, such as screw thread, lifting arm joint pins & bushes should be regularly lubricated with a molybond grease.

# LB Conveyor Belt Lifters

## Operating Instructions

### CBL1200-1600 TT & RR Belt Lifter

**800kg working load limit**

1. Correctly isolate the conveyor belt in accordance with prescribed procedures.
2. Select the required lifter from the mounting bracket by first removing the winder handle (which acts as locking device).
3. (A) CBL1200, 1500 & 1600 TT (Troughing two-piece lifter).
  1. Place the Support Beam under the belt, and on to the main beams (stringers) of the conveyor. Making sure the lifter has full contact with the main beams and is centred under the belt.
  2. Attach the lifter Assembly by sliding it three parts of the way into the support beam.
  3. Connect the winder handle to lifter mechanism, then finish sliding the lifter until it is positioned between the locating stops, turn the handle in a clockwise direction until belt is to the required height.
  4. Remove handle before working on conveyor.
4. (B) CBL 1200, 1400, 1500 & 1600 RR (Return lifter).
  1. Turn the eccentric locks to release link arms, then place the lifter under the belt onto the main beams (stringers). Making sure the lifter has full contact and is centred under the belt. Fold out and position the link arms either side of the belt.
  2. Place the lifting tube under the belt and into the rings of both link arms. Check that the bracing on the lifting tube is at 90° to the belt.
  3. Connect the winder handle to the lifter mechanisms and wind them in a clockwise direction in turn, until the belt is to the required height.
  4. Remove handle before working on conveyor.
5. Lowering of either lifter, operate the handle by turning anti-clockwise.

#### **WARNING!**

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#### **SPECIFICATIONS**

Capacity: **800 kg W.L.L.**

Winder Speed: **55 rpm Max**

A. (Troughing): Vee - 45° Std  
Lifting Range: 155mm - 385mm

B. (Return): Vee - 10° to 20°  
Adjustable link arms.  
Lifting Range: 310mm – 50mm Std  
470mm – 170mm Max

#### **GENERAL MAINTENANCE**

The lifter must be kept clean at all times. It's moving parts, such as screw thread, lifting arm joint pins & bushes should be regularly lubricated with a molybond grease.

# LB Conveyor Belt Lifters

## Operating Instructions

### CBL1830 T & R Belt Lifter

**1000kg working load limit**

1. Correctly isolate the conveyor belt in accordance with prescribed procedures.
2. Select the required lifter from the mounting bracket.
3. (A) CBLT (Troughing two piece lifter)
  1. Place the support beam under the belt, and on to the main beams (stringers) of the conveyor. Making sure the lifter has full contact with the main beams and is centred under the belt.
  2. Attach the lifter assembly by sliding the locking pins into the slot on the top of the support beam.
  3. Connect the winder handle to the lifter mechanism and wind in a clockwise direction until the belt is to the required height.
  4. Remove handle before working on conveyor.
4. (B) CBLR (Return lifter)
  1. Turn the eccentric locks to release the link arms, then place the lifter under the belt onto the main beams (stringers). Making sure the lifter has full contact and is centred under the belt. Fold out and position the link arms either side of the belt.
  2. Place the lifting tube under the belt and into the rings of both link arms. Check that the bracing on the lifting tube is at 90° to the belt.
  3. Connect the winder handle to the lifter mechanisms and wind them in a clockwise direction in turn, until the belt is to the required height.
  4. Remove handle before working on conveyor.
5. Lowering of either lifter, operate the handle by turning anti-clockwise.

#### **WARNING!**

The conveyor belt lifters are specifically designed and marked for lifting certain size conveyor belts.

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#### **SPECIFICATIONS.**

Capacity: **1000 kg W.L.L.**

Winder Speed: **45 rpm Max**

A. (Troughing): Vee - 45° Std  
Optional: Vee - 35°

Lifting range: 280mm - 480mm

B. (Return): Vee - 10° to 20°  
Adjustable link arms.

Lifting range: 310mm – 50mm Std  
470mm – 170mm Max

#### **GENERAL MAINTENANCE.**

The lifter must be kept clean at all times. It's moving parts, such as screw thread, lifting arm joint pins & bushes should be regularly lubricated with a molybond grease.