Kodak

Lotem 800/Magnus 800 Unloading Conveyor

Installation Guide

English

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Assembling the Unloading Conveyor

The unloading conveyor transports plates from the Kodak® Lotem® 800/ Magnus™ 800 platesetter to the processor. This document describes how to assemble and install the unloading conveyor.

Important: Two people are required to install the unloading conveyor.

1. The unloading conveyor is supplied in a separate package to the platesetter. Open the unloading conveyor packaging. The packaging includes the following parts (see Figure 1 on page 2):
   - Upper assembly [4]; has two parts, front and back, where the back part can fold toward the front part
   - Two identical leg assemblies [3]
   - Leg adjuster assembly [8]
   - Small bag containing screws and washers
2. Remove the two leg assemblies, the leg adjuster, the bag of screws, and other accessories. At this stage, there is no need to remove the upper assembly from the packaging.
3. Open the inner protection cover of the upper assembly so that the side facing you is exposed.
4. Connect the two leg assemblies to the upper assembly (see Figure 1 on page 2). Each leg assembly is connected with two shoulder screws [1]. The leg assembly orientation should be so that the slots in the leg assembly horizontal bar will enable you to insert the leg adjuster screws [9].

   Note: Do not tighten the screws. If the leg assembly does not fit into the upper assembly [15], then open the four screws securing the leg assembly, make the necessary adjustments, and then tighten the screws.
5. Connect the leg adjuster [8] to the two leg assemblies:
   - Disconnect the two parts of the leg adjuster by releasing the set screws [2].

     Note: One part of the leg adjuster has a ruler printed on it.
   - Connect the leg adjuster part with the ruler to the top bar of the front leg assembly. Use screw [9], spring washer [10] and adjuster washer [13]. Do not tighten the screw.
   - Connect the other part of the leg adjuster to the bottom bar of the rear leg assembly. Use screw [9], spring washer [10] and adjuster screw [13]. Do not tighten the screw.
   - Find out the make of processor at the customer's site, and the required leg adjuster height for that specific processor.
   - Use the ruler printed on the leg adjuster, to adjust the length according to the required height (see Figure 2 on page 3).
   - Tighten the two set screws [2].

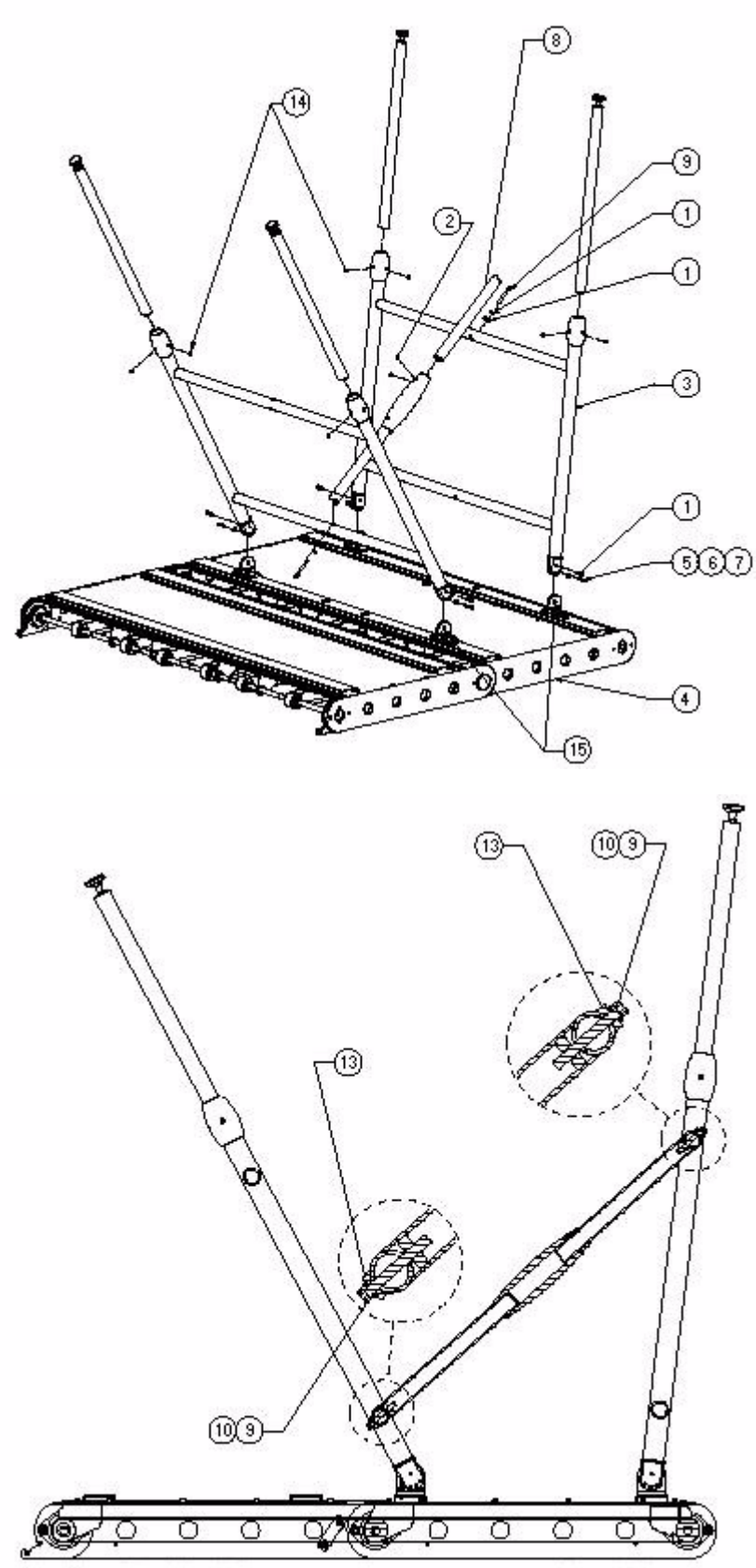


Figure 1: Plate conveyor assembly

6. Adjust the leg assemblies angle [3] to the upper assembly [4].

   Note: There are sets of holes in the leg assembly and in the upper assembly. Rotating the leg assembly will engage holes in the fixed and mobile parts.

   Important: Adjust the front leg assembly first.

   - Locate the correct hole for the front leg of the processor. Match it with the corresponding hole in the upper assembly, by rotating the leg.
   - Insert a screw [5], washer [7] and spring washer [6] into the two holes of the front leg. Tighten the screws.
   - Locate the correct hole for the rear leg of the processor. Match it with the corresponding hole in the upper assembly, by rotating the leg.
   - Insert a screw [5], washer [7] and spring washer [6] into the two holes of the rear leg. Tighten the screws.

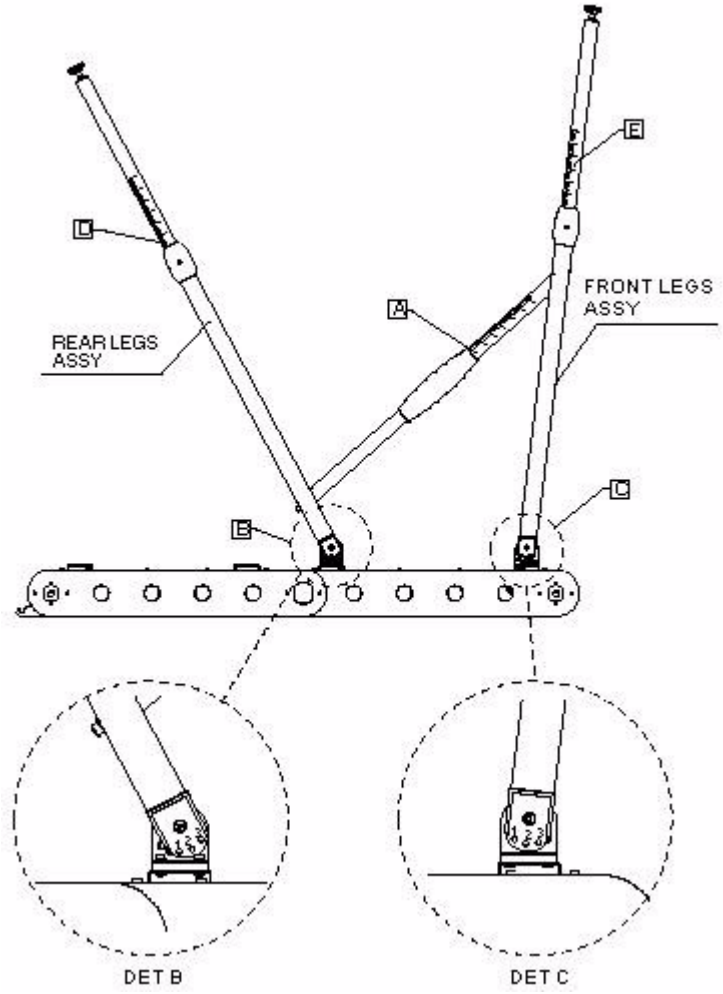


Figure 2: Adjusting the front and rear leg assemblies

7. Tighten the shoulder screws [1] that connect the upper assembly with the leg assembly (a total of 4 screws, two per each leg).
   - Adjust the height of each leg assembly:
   - Release both set screws [14] of each leg in the front leg assembly, and in the back leg assembly.
   - Using the ruler printed on the leg, adjust the length of the narrow part of each leg according to the above height.
   - Tighten the two set screws of the two legs of the front leg assembly, and the back leg assembly.
8. At both ends of the leg adjuster, tighten screw [9] that connects the leg adjuster to the leg assemblies.
9. Turn the conveyor over, face up, so that it stands on its legs (the back part should be folded on top of the front part).

Attaching the Unloading Conveyor to the Platesetter

The unloading conveyor connects to the upper back panel of the platesetter.

1. Attach the conveyor hooks [11, 12] to the upper-rear panel of the platesetter, using the two screws [16] and two spring washers [17] (see Figure 3 on page 5).

   Important: There is a left and right conveyor hook. The two hooks are not interchangeable.
2. Hang the front part of the upper assembly on the two hooks on the rear panel of the platesetter, see Figure 4 on page 6.
3. Verify that the unloading conveyor is stable in its place. If needed, fine-tune the height of the leg assemblies by adjusting the length of the ruler part of the leg.

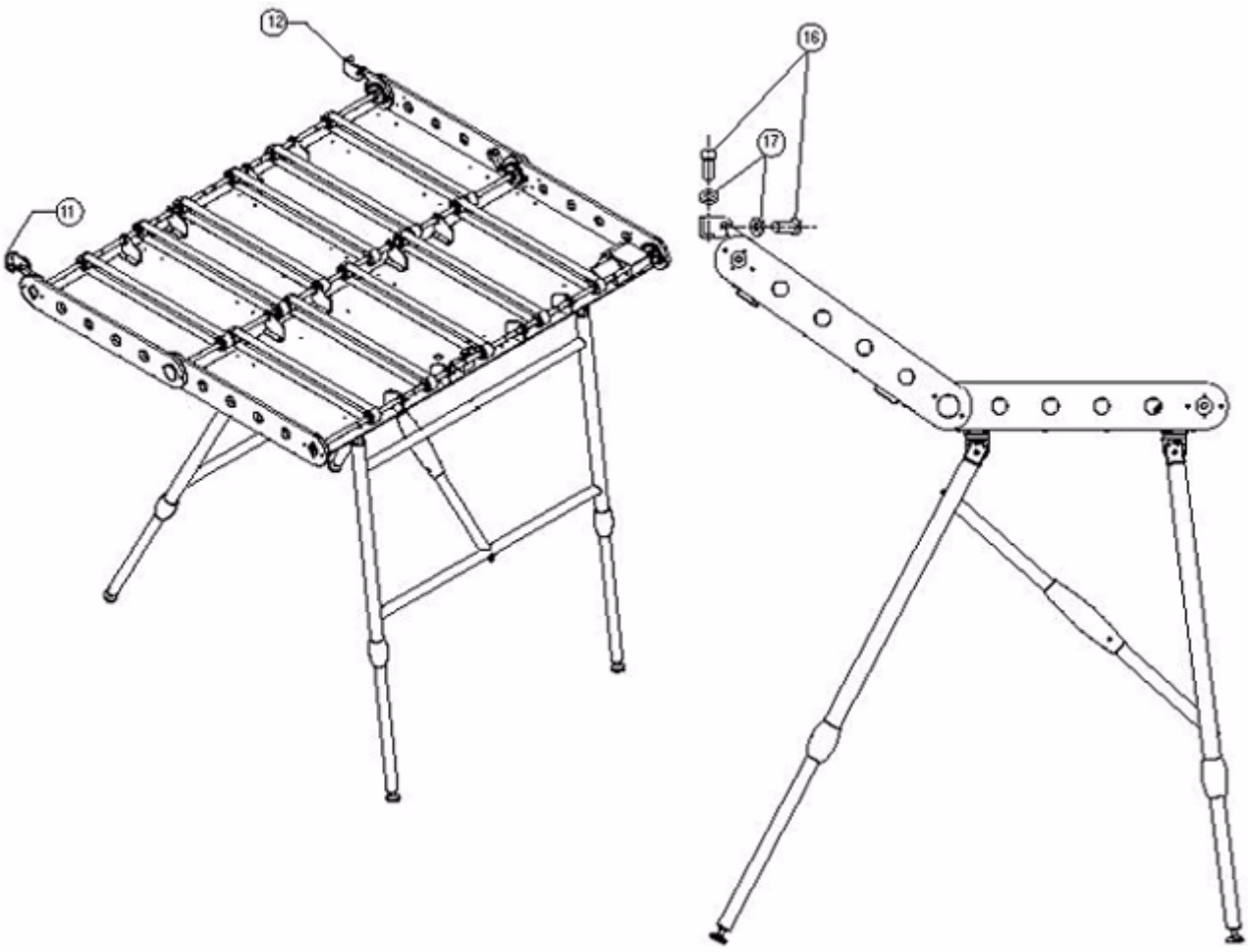


Figure 3: Attaching the unloading conveyor to the platesetter

Attaching the Unloading Conveyor to the Processor

1. Place the processor near the unloading conveyor, so that the plate entrance at the front side of the processor is close to the unloading conveyor (several millimeters apart). (See Figure 4 on page 6.)
2. Adjust the processor height to the unloading conveyor height: The plate entrance of the processor should be at the same level as the upper strap of the unloading conveyor belts.

   Important: Some processors have plate sensors that can be connected to the unloading conveyor. For these processors, connect the plate sensor to the appropriate opening in the front-side of the upper assembly.

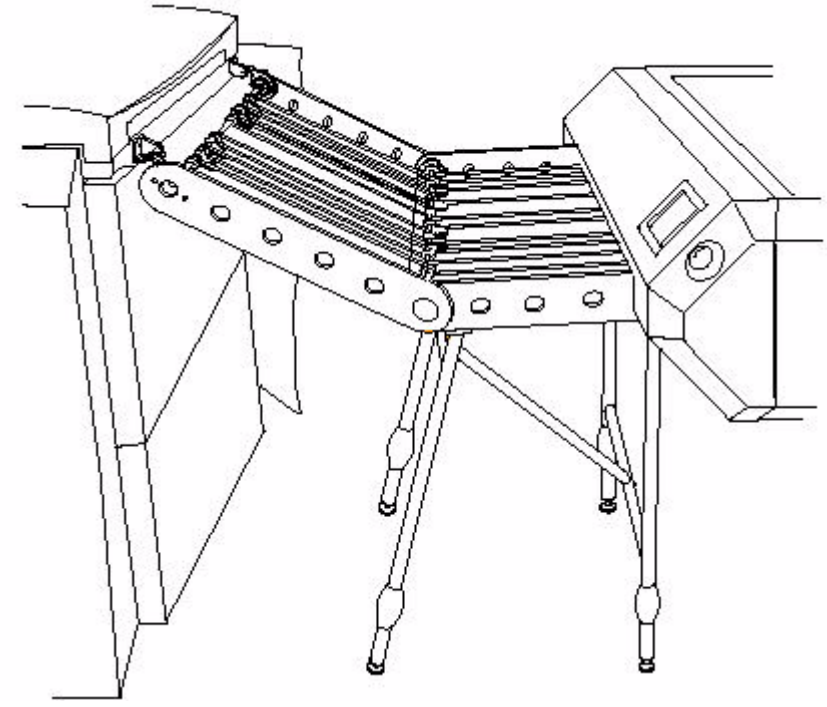


Figure 4: Attaching the unloading conveyor to the processor

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