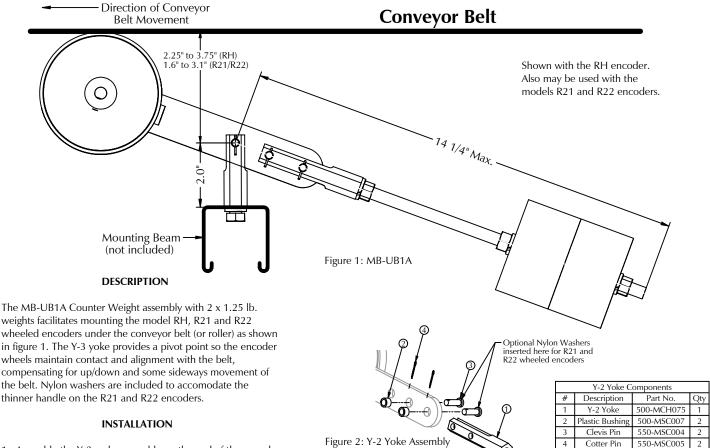
Model: MB-UB1A

Under-belt mounting



- 1. Assemble the Y-2 yoke assembly on the end of the encoder arm as shown in figure 2.
- 2. Assemble the weights and hardware (figure 3).
- 3. Assemble the Y-3 yoke assembly (figure 4).
- 4. Bolt the Y-3 yoke to a mounting beam (not supplied) using the 3/8-16 bolt and lock washer. The Y-3 should be perpendicular to the conveyor belt with the pivot point below the conveyor belt as shown in figure 1, and positioned so the encoder is aligned with the belt. Caution: If the encoder is not aligned with the belt, premature wheel wear will result.
- 5. Adjust the position of the weights along the threaded rod. Locating the weights at the end of the rod results in the maximum upward force of the wheels against the belt (this is the normal configuration). The weight can be positioned closer to the encoder along the rod to reduce the upward force.
- 6. Attach the encoder cable so the cord is clear of the pivot point, and with sufficient slack to allow for expected up/down and sideways encoder movement.



602 E. North Street 630-365-7148 Elburn, IL 60119, USA Fax: 630-365-7149 www.photocraftencoders.com

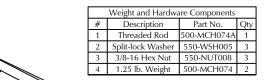


Figure 3: Weights and Hardware

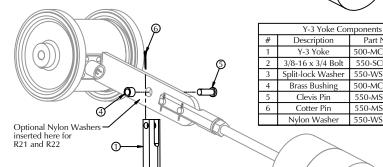


Figure 4: Y-3 Yoke Assembly

500-MCH07

550-SCR303

550-WSH005

500-MCH041

550-MSC004

550-MSC005

550-WSH006