



Repositioning the separating rollers XM-Series Feeders

The purpose of repositioning the separating rollers off the belt is to create a “flex” separation (figure 1) vs. nip point separation (figure 2). This can be done with the separator mounted or removed from the feeder. The preferred method is to remove the separator.

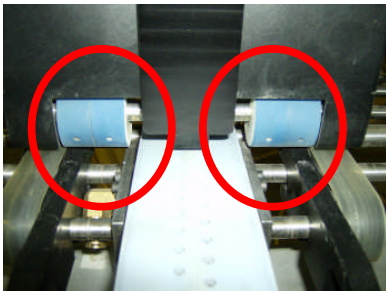


Figure 1

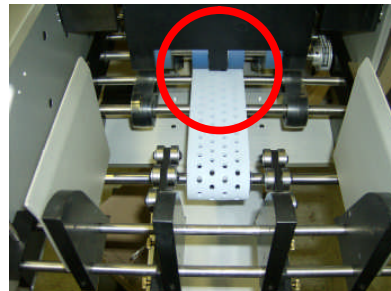


Figure 2

With separator assembly removed from the feeder

To remove the separator assembly, power off the feeder, remove all product from hopper, and disconnect the motor cable from the top plate connector. Then, remove the 4 screws that fasten the top block to the cross plate.

Each roller has two set screws (one fastens to the flat on the shaft). Loosen the set screws of the inside rollers and slide them to the outside rollers. Retighten the set screws making sure one of them is fastened to the flat on the shaft.

Reinstall the separator assembly and refer to the Product Guide for product set up. Note: since the rollers will now be adjusted slightly below the surface of the belt, the adjustment will be lower than previous setting.