



How To

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Document: #HT000103

Document Title: Perform Nip Roller Adjustment

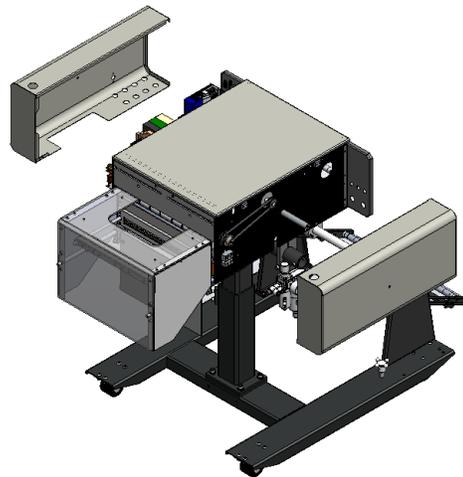
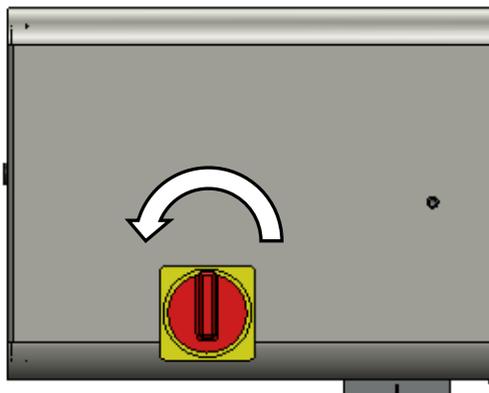
Product(s): T-1000

Procedure:

The drive roll compression is the force that exists between the two feed rolls (rubber-covered grooved roller and grooved steel roller). Too little drive roll compression will prevent the bags from tearing off after each sealing operation. Too much drive roll compression will cause extra wear on the drive roll and the motor.

Note: Always clean rollers before adjusting.

Turn the power switch to the OFF position, and unplug the power cord. Remove the left and right-side covers. The compression adjustment is located on the lower outside right and left side plates.



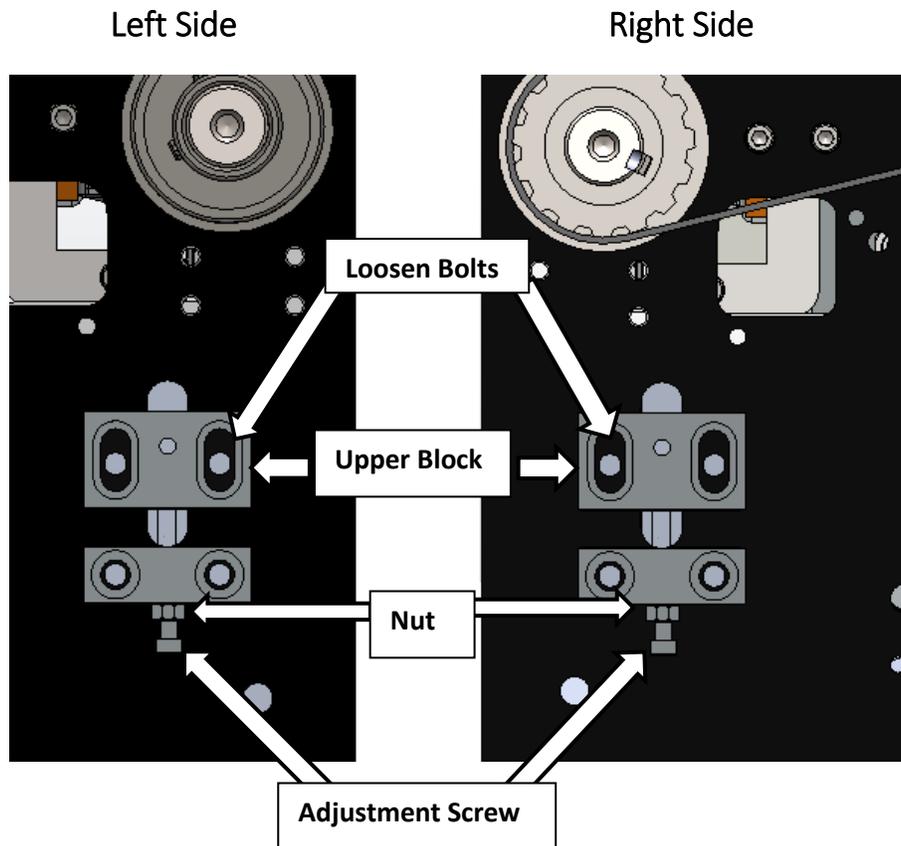
Compression adjustment is a two-step process. First, the lower roller is adjusted so that it is parallel to the upper roller. Then, the lower roller is adjusted (raised) for proper compression.



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On both the left panel and right panel, loosen the two locking bolts on the upper block of the compression tension assembly. Loosen the nut on the adjustment screw.



With the Seal Frame locked in the UP position, lower the lower (steel) roller by turning the adjustment screws clockwise until the lower (steel) roller is parallel to the upper (blue) roller, leaving a 1/16" gap between the rollers. Turn the adjustment screw counter-clockwise alternatively, keeping the lower roller parallel with the upper roller until the rollers come in contact across the width of the rollers. Slightly lower the inner frame and raise again to ensure that when raised again, the rollers touch simultaneously. Then "snug" the upper block bolts and recheck the alignment.



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Note: A light source (lamp) positioned to the rear of the T-1000-S14 showing light in the gap of the rollers will assist in judging whether the upper and lower roller are parallel.

With the rollers parallel and slightly touching, turn each adjustment screw approximately 1/8 turn counter-clockwise. Then test the compression by putting a bag between the rollers and attempting to pull the bag between the rollers. If the bag pulls out easily, turn the compression adjustment screws 1/8 turn counter-clockwise. Continue this adjustment until the bag is slightly difficult to pull out of the rollers.

CAUTION: Over-tightening of the compression adjustment screws may cause damage to the upper (rubber) roller or the motor.

When you are satisfied with the compression, slightly lower the Seal Frame and then slowly raise it until it almost touches the upper roller. If the gap is consistent across the width of the rollers and it appears parallel, lock the Seal Frame upward and retighten the two locking bolts on the upper block of the compression tension assembly. Then retighten the nut on the adjustment screws. Replace the covers, plug the cord into the power outlet, and turn the main power on.