

KBC-3000

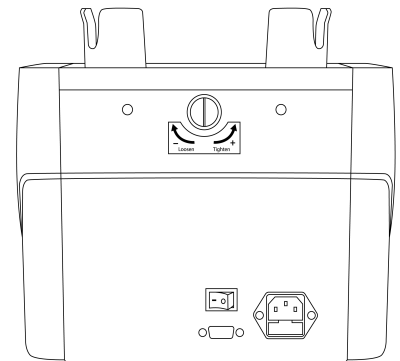
Feed Gap Adjustment



During transportation or the normal course of operation, the feed mechanism's adjustments might become altered, potentially resulting in errors such as DOUBLE or CHAIN errors. These errors occur when the feed gap, which is the space within the bill feed path, is improperly set. Ideally, this gap should be equivalent to the thickness of a single bill. A feed gap that is too large can cause a significant increase in DOUBLE and CHAIN errors, as it allows multiple bills to be fed into the scanning path simultaneously. Conversely, a too narrow feed gap can prevent bills from entering the scanning path or may cause the mechanism to catch and tear the bills.

The following steps are the procedure for adjusting the feed gap:

1. Make sure the unit is powered off before proceeding.
2. Find the feed gap adjustment knob
(as shown on the diagram to the right).
3. Adjust for different bill thickness (narrow for fresh, new bills;
wide for very old bills).

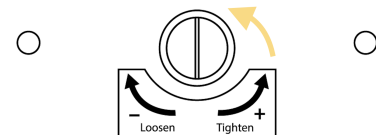


Note: Please DO NOT change this setting unless the machine displays recurrent dbL, CHn error messages.

3(a). If more than one bill is being pulled into the feed mechanism (Double/Chain errors), turn the knob counterclockwise (decrease gap Adjust 1 turn, then re-test the machine to see if the problem is corrected. Repeat if necessary.

Note: If the feed gap is adjusted too narrow, chain error, bill jams and tears can occur.

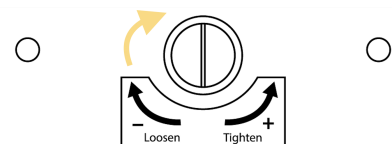
Counterclockwise



3(b). If Chain error or bill jamming is seen on the input, turn the knob clockwise (increase gap). Adjust 1 turn, then re-test the machine. Repeat as necessary.

Note: If the feed gap is adjusted too wide, double and half errors can occur.

Clockwise



Important Note:

The KBC-3000 Top-Loading Bill Counter's feed gap adjustment can be sensitive during adjustments. DO NOT overturn each adjustment or you may overshoot the optimum gap. We recommend testing with a stack of bill after each adjustment turn.