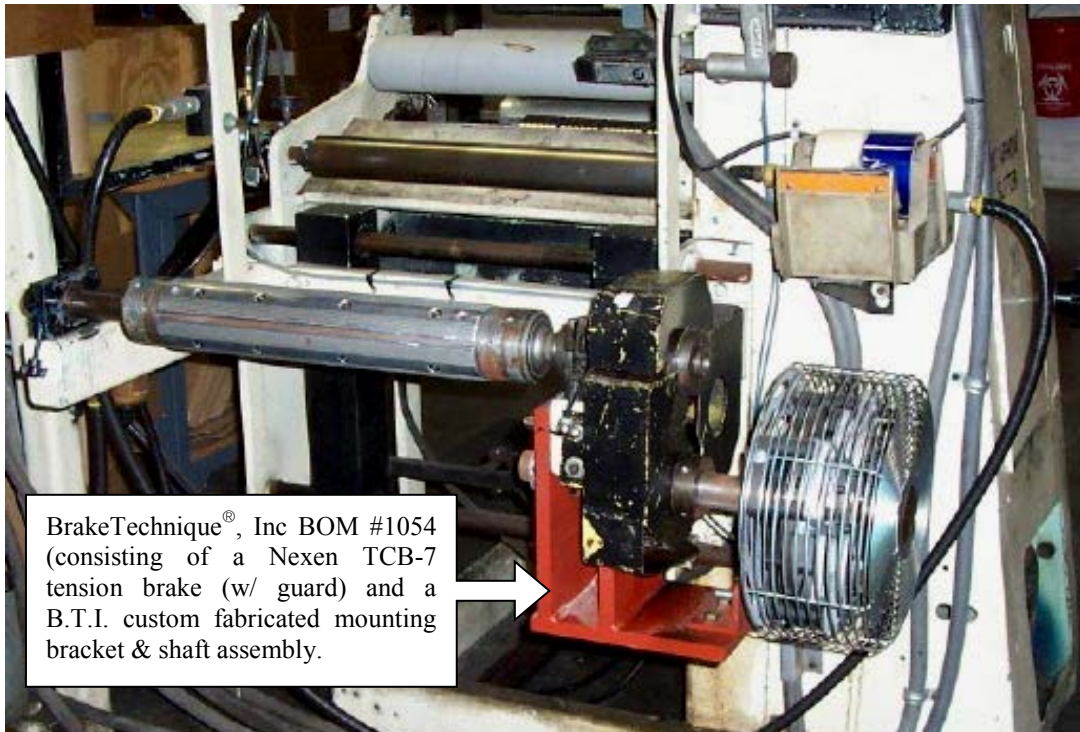


APPLICATION BULLETIN

NEXEN TCB-7 TENSION BRAKE W/ LO-CO LININGS
AND A BRAKETECHNIQUE®, INC. CUSTOM FABRICATED
MOUNTING BRACKET AND SHAFT ASSEMBLY.



INDUSTRY: PAPER CONVERTING

APPLICATION: Roll Specific Slitter # 110
(3" core, 20" roll dia., 18" web width, 200 fpm, 1 lb/li tension max)

BACKGROUND: The original brake on this slitter was a mechanical spring applied brake. The customer could not get enough tension on the rolls, and as a result, his customer was not happy with the loose rolls. BrakeTechnique®, Inc. was called upon to look at the application. A small air supplied tension brake with Lo-Co linings was selected. The same gear was used on the brake shaft with the BTI custom mounting plates that were pre-assembled. The customer was able to install the unit using only two bolts. They were also able to reuse their existing guard. Now the customer uses an air regulator to increase torque as required. They will also be purchasing automatic tension controls in the future.

ADVANTAGES: No wear adjustment's required. Smoother unwind operation with better tension control of the material. Remote actuation adjustment of brake torque required.

FOLLOW-UP: After installing BOM # 1054, the customer said that it looks like it is a part of the machine itself and they are very happy with the performance. So happy, in fact, that they are planning to install the same BOM assembly on three (3) other machines at a later date.

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