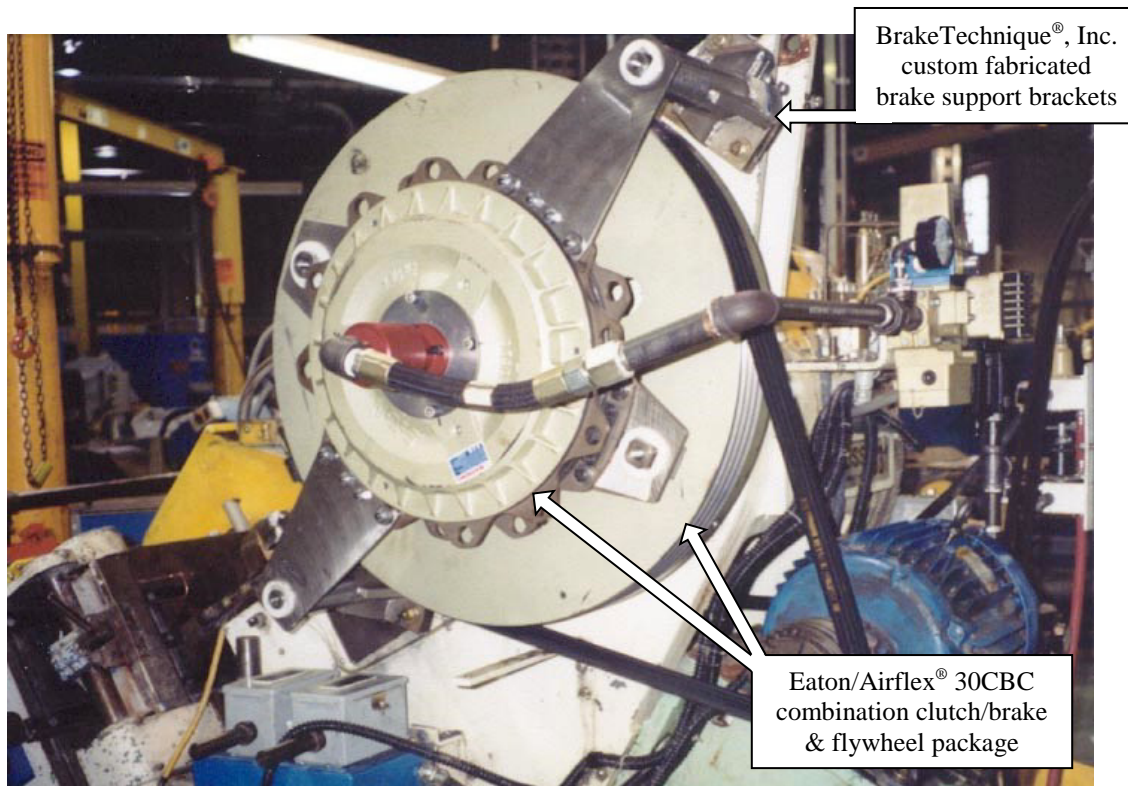


APPLICATION BULLETIN

EATON/AIRFLEX® 30CBC COMBINATION CLUTCH/BRAKE & FLYWHEEL PACKAGE WITH BRAKETECHNIQUE®, INC. CUSTOM FABRICATED BRAKE SUPPORT BRACKETS



BrakeTechnique®, Inc.
custom fabricated
brake support brackets

Eaton/Airflex® 30CBC
combination clutch/brake
& flywheel package

INDUSTRY: METAL FORMING

APPLICATION: Bliss® 1831 OBI press

BACKGROUND: The customer runs a number of 1831 OBI presses in their plant. One of the problems the customer was encountering was that the existing presses had the clutch & brake in-board of the flywheel. The customer had two complaints: 1) the oil would travel from the main bearings and contaminate the clutch and brake linings and, 2) they would need to pull the flywheel to work on or change the linings on the clutch & brake. BrakeTechnique®, Inc. proposed an Eaton/Airflex® 30CBC combination clutch/brake & flywheel package to replace the existing clutch & brake configuration. This new arrangement moved the clutch/brake out-board of the flywheel thereby addressing both the oil contamination and the issues of pulling the flywheel which the customer had expressed. BrakeTechnique®, Inc. also designed and fabricated the custom brake support brackets which allowed the customer to simply remove the existing components and replace them with the new turn-key package which required minimal rework to the press itself.

ADVANTAGES: Eliminated the oil contamination of the friction linings. Made working on the clutch/brake much simpler. Eliminated any overlap issues which come with separate clutch & brake arrangements.

SALES OFFICES:
SELINGROVE, PA
PITTSBURGH, PA



SALES OFFICES:
CLEVELAND, OH
CANTON, CT

BrakeTechnique®, Incorporated * 196 Universal Road, Selingsrove, PA 17870
Toll free: (800) 255-1853 * Email: Info@braketechnique.com * Facsimile: (570) 374-5225