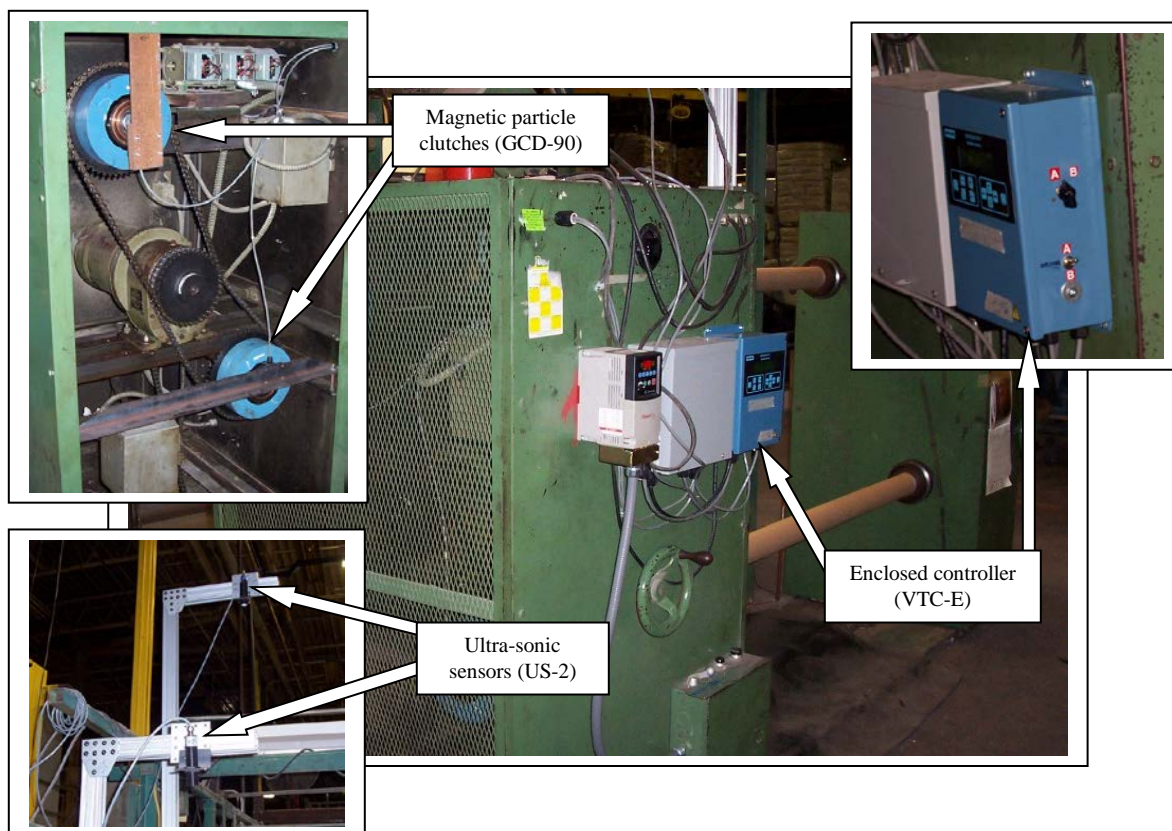


APPLICATION BULLETIN

MAGPOWR VERSATEC ENCLOSED CONTROLLER (VTC-E), MAGNETIC PARTICLE CLUTCHES (GCD-90), POWER SUPPLIES (PS-90) & ULTRA-SONIC SENSORS (US-2)



INDUSTRY: FILM, FOIL & FOAM

APPLICATION: Dual rewind stand

BACKGROUND: This customer runs foam and needed precise tension in order not to compress the foam. They were running a dual rewind stand and wanted to be able to switch back-and-forth from roll-to-roll without altering the tensioning values. BrakeTechnique®, Inc., working in conjunction with the maintenance department, proposed a MagPowr controller, clutches, sensors and power supplies.

ADVANTAGES: The MagPowr unit controls the motor speed and tensioning values based on the roll diameters and the starting tension set point which the operator selects at the start of the roll. The customer's AC motor accepts a 0-10 volt signal from the MagPowr controller. If the speed of the coating line increases, the MagPowr controller automatically speeds-up, thus maintaining the same tensioning values throughout the roll. The MagPowr set-up allows the customer to switch the sensors, and the clutches, to the "A" or "B" roll as required. They manually switch rolls on the fly, running at 50 fpm, and as the web floats down a few feet between rolls, the clutch accelerates to pick-up the slack.

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