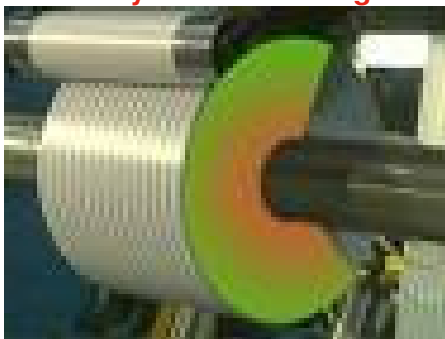




You are invited to a **MAGPOWR 2-day Web Tension Control School**. Starting on **March 16th and 17th**.

Tension in your life can be good! If you know how to handle it...and unwind!



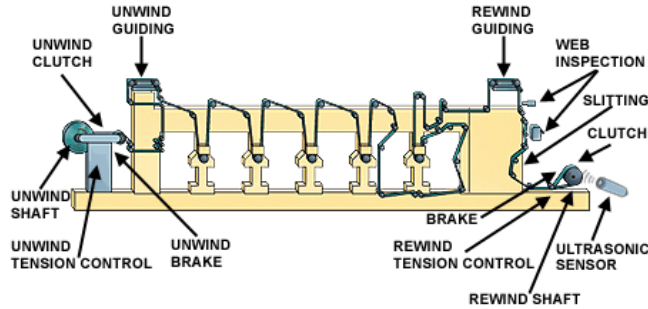
Presenter: Chris Harper a **MAGPOWR** field service engineer with many years of web experience. His company also represents **FIFE** edge guide systems and **Tidland** slitting and airshaft equipment.

WHO SHOULD ATTEND

- Those experiencing crushed cores too tight to be removed
- Those experiencing starred roll ends
- Those experiencing telescoping rolls
- Those who must reduce scrap and lost time
- Those who have unstable dancers
- Those who want to upgrade their machines
- Those who want to design new machines
- Those who want to upgrade older Mark Andy printing presses

CONCEPTS TO BE COVERED

- Basics of Web Control Theory: Torque, Power, Inertia
- Web Tension Control techniques
 - Manual open loop
 - Closed loop via ultrasonic sensor
 - Closed loop with dancer rolls
 - Closed loop with tension sensor
 - Differential rewind shafts
 - Intermediate tension zones



YOU WILL LEARN

- How to apply practical engineering calculations for sizing
- When to use magnetic particle vs pneumatic brakes and clutches
- How to apply sizing software provided with training
- Written and PDF format training notes will be provided

See the Magpowr web site:

<http://www.magpowr.com/>

Check out this video on taper tension:

http://www.maxcessintl.com/magpowr_techtip_tapertension.asp

Check out this video on the latest in pneumatic brakes:

<http://www.maxcessintl.com/cmm/smartbrake.asp>

View this video on closed loop tension control:

http://www.maxcessintl.com/Vblog_Cygnus.asp

BENEFITS

1. Improve your productivity with better tension control
2. Minimize operator monitoring and adjustments
3. Get a basic generic understanding of web tension
4. Learn how to select and size this equipment

SIGN UP TODAY!

Where: **Industrial Control** in Zeeland, MI <http://www.industrialcontrol.com>

When : 2011 March 16th 8:30AM to 4:00PM; March 17th 8:30Am to 3:00 PM

Price: \$250 Coffee, Bagels, Donuts and lunch included

Action: Please email John Ermatinger at john@industrialcontrol.com

Or call him at 616-931-1324 (800-878-6722 x324)

