

August Newsletter

Menges Roller Company is providing you with this e-news update to help our customers, engineers, and new prospects with up to date information on new products, updates to existing products, and industry trends that we feel will help you with your roller needs. We are rolling (get it, rolling) out this new format and will keep you up to date on a quarterly basis.

ISSUE HIGHLIGHT – Magnetic Particle Inspection and Carbon Fiber Cores

Predict Failures/Failure Analysis

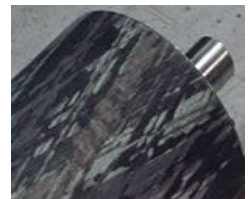
Magnetic particle and liquid penetrant inspection processes are offered by Menges Roller on all recovered rollers if requested (for a nominal fee). Sometimes it is very difficult to identify cracked welds or cracks in journals that can lead to journal failure or breakage. This ultimately leads to costly downtime or worse yet injury to employees or equipment. Our trained personnel and new magnetic particle inspection equipment will isolate bent, broken, or soon to be cracked welds.



[Click here to learn more about Menges Roller's Magnetic Particle Inspection](#)

Carbon Fiber Roller Cores

Carbon fiber cores can be substituted for aluminum or steel for idler applications or for rubber covered rollers. These carbon fiber rolls reduce the weight without giving up strength and rigidity. How much? Well for example, a 3.5" diameter roll with a 74" face made from carbon composite materials would weigh only 20% that of the same in steel core and 58% of an aluminum core. Reduced weight results in energy savings and ease of maintenance.



[Click here to learn more about Menges Roller's Carbon Fiber Roller Cores](#)

What's New at Menges Roller

We have added Don Raab to our Management and Engineering Staff. Don has engineering degrees from M.I.T. and the University of Washington, a MBA from Northwestern, and over thirty years of experience in capital goods engineering and manufacturing.

Menges Roller doubled crane capacity in early April – We've purchased 2 – 46' span bridges with a total of 12,000 lb. lifting capacity to add to our existing 2 bridges with 20,000 lb. lifting capacity. Our machining department installed them in a total of 2 hours during one Friday afternoon (yes, it was slightly tricky).

For more information on Menges Roller, visit our website at www.mengesroller.com

Win a Home Depot \$50 Gift Certificate!

The puzzle shown has two separate sets of answers that will satisfy the three conditions.

The first person to email draab@mengesroller.com with both correct sets of answers will be awarded a \$50.00 Home Depot Gift Certificate.

HINT: The triangle (variable 1) has a negative value for one set of answers.

$$\triangle 1 + \circledast 2 + \triangle 1 = 12$$

$$\square 3 - \triangle 1 = 5$$

$$\circledast 2 \times \square 3 = 36$$

Quote of the Month

"One person with passion is better than forty people merely interested" - E. M. Forster



260 Industrial Dr., Wauconda, IL 60084-1077 • (847) 487-8877 Fax (847) 487-8897