

Table of Contents

Fall 2008

Vol. 11, No. 4

WFTI Emphasis on Surface Treatment & Cleaning ...16-21

Class of 2008
WFTI Technical Achievement Award winner:
Thomas Butler
...14-15



In-line blasting machine...17



Wet grinding machine...36



Feature Articles

- 14 WFTI Technical Achievement Award – Class of 2008**
Third Annual *Wire Forming Technology International Technical Achievement Award*, given out annually to industry individuals for major technical developments related to equipment, materials or accessories for making springs, wire formed parts, wire mesh or rebar products.
- 16 Surface Treatment of Wire Rod, Bar & Spring Products**
Kumar Balan - A recent study revealed that 68% of all coating failures are attributed to poor surface preparation that could have been prevented.
- 20 Continuous In-Line Cleaning**
Scott Miller - New equipment line is designed for efficient, cost-effective cleaning of small and convoluted parts such as springs and wire formed shapes.
- 28 Steel Wire Garment Hangers from People's Republic of China**
Compiled from the websites of the ITC and DOC - Steel wire garment hangers sold at less than fair value by China are injurious to USA industry, and anti-dumping duties are the result.
- 33 Nonaxial Forces in Compression Springs**
Andrew Watkinson - "Technically Speaking" column.
- 34 Spring Grinding Roundup**
Editorial Staff - Suppliers have responded to our call for the state-of-the-art in spring grinding equipment, tooling and technology.
- 39 Working the Metal – Part III, Cold Forging**
Dr. Roger N. Wright - Part 3 of the multi-part series, *The Strength of Steel*, dedicated to the metallurgy of spring making and wire formed parts manufacturing.
- 40 Detroit's Ultimate Impact – On You!**
Woodruff Imberman Ph.D. - You can survive the coming recession and Detroit's purchasing practices.
- 48 Automotive Supplier Changes Name & Opens New Facility in China**
Jon Knight - New name and office communicates a commitment to global automotive customers.
- 50 Spotlight On Testing**
Michael McNulty - Properly conducted and documented testing of finished and semi-finished products is needed to ensure quality and optimum performance.
- 55 Company Profiles**
Information of value to the international spring and wire formed parts industry.

Industry Events

- 22 Straight From The Show – SPRING WORLD® 2008**
Images, facts and news from *SPRING WORLD® 2008* in Rosemont, IL, USA.
- 30 Rockford Oktoberfest Combines Food, Drink & Latest Technology**
Donald H. Fisher - 1st annual networking/new-technology celebration could become a seasonal travel stop.
- 44 Straight From The Show – wire China 2008**
Images, facts and news from *wire China 2008* in Shanghai, China.
- 52 A Day of Celebration & Conferencing**
Marco Angelini - Technology, product innovation and service/support are keys to company's success.

Tech Brief

- 54 Recently Introduced Advanced Coatings & Wire Products**

Departments

Wire Forming Events.....	4
Editorial.....	6
News Wire	8
Product Showcase.....	69
Advertisers' Index	71
Lit Rack.....	71
Editorial Index.....	72

Next Issue: Winter 2009

Top Products of 2008
Roundups: Mesh Welding •
Rebar Processing
Spotlight: Spring Coiling