

Ervin Steel Abrasives Now Made in Germany



PRODUCTION IS NOW in full swing at Ervin's new state-of-the-art manufacturing plant in Glaubitz, Germany. "Making quality steel abrasives is a specialty business," says Phil Ripley, Commercial Director for European Operations. "We have successfully worked to make sure that we continue to offer the same high quality products from all of our plants. We are particularly pleased with progress towards full production at Glaubitz and are very flattered by interest within the industry."

The Glaubitz plant has been built from scratch with the goal of optimizing production processes and to provide local access to Ervin's Amasteel products to Germany and neighboring markets. The Ervin product is characterized by consistent high quality, founded upon production processes that ensure consistency of supply measured against SAE standards. This is based upon nearly 100 years of practical experience. The resulting high-carbon, finely tempered martensite offers the 'sweet spot' in terms of transmitted energy and durability in a wheel- or air-blast machine. This combination can generally offer significant savings in process time, in power consumption, and in abrasive consumption.

"The Glaubitz plant represents a significant step in Ervin's long story in the abrasives business" says John Pearson, President of Ervin Industries. "We have always been committed to offering the best solutions to customer requirements and now we have the best located plant to deliver it."

Ervin Amasteel abrasive is the global product of choice for leading steel, automotive and aerospace industries for the removal of scale and rust, and for use in granite cutting operations. Ervin Industries has three plants in the U.S. where they are the leading provider in this sector. Europe is currently supplied from a facility in Tipton, UK. Now Glaubitz will supply Central and Eastern European regions, adding a further annual production capability of approximately 60,000 ton of material.

Headquartered in Ann Arbor, Michigan USA, Ervin Industries maintains Amasteel manufacturing facilities in Tipton, UK; Adrian, Michigan and Butler, Pennsylvania USA; a machrome stainless steel in Sprockhövel, Germany; and Amacast stainless steel and speciality powders at Ervin Technologies in Tecumseh, Michigan USA. ●

1st International Workshop on Cavitation Peening and Related Phenomena

OCTOBER 27-29, 2015

SENDAI INTERNATIONAL CENTER, SENDAI, JAPAN

The 1st International Workshop on Cavitation Peening and Related Phenomena, hosted by Society of Surface Mechanics Design, will be held October 27-29, 2015, at the Sendai International Center, Sendai, Japan, in corporation with 12th International Conference on Flow Dynamics ICFD2015.

Cavitation peening and related mechanical surface treatment such as shot peening, laser peening, ultrasonic peening, deep rolling, combined processes and other cold work processes including evaluation methods of surface treated layer are within the scope of the workshop.

Workshop Contents: Keynote lecture, Invited lectures, Oral presentations, Poster presentations, Banquet, Laboratory tour (Cavitation peening system), Plant tour (Toyota Motor East Japan, Inc., Iwate Plant)

Workshop Topics: Hydrodynamic cavitation, Ultrasonic cavitation, Laser cavitation, Conventional mechanical surface treatment (Shot peening, Laser peening, Ultrasonic peening, Deep rolling), Numerical simulation, Residual stress measurement, Nondestructive testing, Material testing, Practical applications

Keynote Lecturers: *Prof. Mamidala Ramulu* with Boeing and the Pennell Professor of Engineering, Professor of Mechanical Engineering University of Washington. *Dr. Mohamed Hashish* with Flow International Corporation.

Important Dates

June 15 Deadline for paper title / author's name / keywords

August 1 Deadline for short paper (2 pages)

Registration Fee (includes the banquet fee)

September 1 Deadline for Advanced Registration

- Advanced Registration Fee (on or before Sep. 1):
General 21,000 JPY Student 6,000 JPY
- On-site Registration Fee: General 31,000 JPY Student 9,000 JPY

Organizations / Sponsors

Organized by Society of Surface Mechanics Design, Technical co-sponsored by Society of Shot Peening Technology of Japan, The Water Jet Technology Society of Japan

Contact

Chairperson: Prof. Hitoshi Soyama, Tohoku University
Secretariat: Dr. Osamu Takakuwa, Tohoku University
E-mail: secretariat@mm.mech.tohoku.ac.jp
Telephone: +81-22-795-6899 Fax: +81-22-795-3758