

**New Book
On Shot Peening!**

"This book, Shot Peening, comprises a series of articles, each written by an acknowledged expert in the field. It is highly recommended for anyone interested in using shot peening to improve the performance of structural components, particularly those that are expected to experience subsequent fatigue loading."

Prof. Lothar Wagner
Acting Director, Institute of Materials Science and Engineering,
Clausthal University of Technology, Germany

"This worthy collection of practical know-how and technological references is the roadmap for successful shot peening operations. A considerable achievement which will be a landmark in the industry."

Erwan Henry
Commercial Director, Ervin Amasteel

"I am pleased to note that MFN pooled its team of experts to write a book on shot peening. The technical contents provide good coverage on the subject and serve as a very useful guide and training reference to industries."

James Leung
Deputy Director, Mechanical Engineering Division, School of
Engineering, Ngee Ann Polytechnic Singapore

The Authors



Looking at technical literature available around the world, one will recognize that there are not many books about shot peening. This despite the fact that shot peening is considered a critical process and that, in many industries, it needs an approval to be carried out.

For MFN, a partner in education in Nadcap and which has been offering FAA-approved shot peening courses for many years, this was the primary motivation for publishing this book.

The MFN organization, with over 20 trainers from 12 countries, wanted to combine all its resources in order to cover most aspects of modern shot peening. The final result is a book co-authored by a team of 18 professionals. This is especially worthy of mention: the common understanding that there is a need within the peening industry to have access to qualified technical literature and to create the spirit to do this together. This was a real team effort and each chapter is written by one or more specialists in that particular field.

Topics:
introduction to peening and theory, peening intensity, effect of peening, Almen saturation curves, peening coverage, exposure time, trouble shooting, process documentation, masking solutions, workpiece fixtures, shape & size inspection of peening media, cut wire, cast steel shot, ceramic media, specifications, shaded strips, audits by third parties, peening equipment components, air & wheel peening, machinery types and application examples, hole peening, flap peening, peen forming, optimization of shot peening for fatigue critical applications, residual stress, XRD measurement, quantitative characterization of shot peening process, etc.

Price: EURO 125 plus shipment
Shipment charges for North America & Europe: EURO 20, for Asia EURO 10

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