



# Press Brake Technology: A Guide to Precision Sheet Metal Bending

*By Steve D. Benson*

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A complete guide to press brake operation, from basic mathematics to complex forming operations. Press Brake Technology is the most comprehensive text on press brakes to date. It brings advanced knowledge of its subject to engineering department, shop floor, and classroom. This comprehensive new book presents information in a non-machine specific format and establishes a base line reference, using the application of basic mathematics, trigonometry, and geometry to select die widths, establish precise bend deductions, and other aspects of press brake operation. It focuses on the machines, the procedures, the mathematics, the tools, and the safe procedures necessary to run an efficient press brake operation. Readers learn how to apply this knowledge to shop floor activities. Press Brake Technology is geared for the master craftsman as well as the novice, and is an excellent resource for engineering and drafting courses. Be one of the first to own this important new book!

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### **Editorial Review**

#### **About the Author**

Steven D. Benson has been in the precision sheet metal trade for more than 20 years. Currently, he oversees the press brake operation for Neilsen Metal Industries of Salem, Oregon. He also teaches basic, intermediate, and advanced courses on press brakes for the Oregon Advanced Technology Consortium. He has produced three levels of textbooks to accompany the courses. Mr. Benson also developed a software package "Advanced Sheet Metal Applications," which was designed to allow easy access and manipulation of all formulas in all three texts.

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