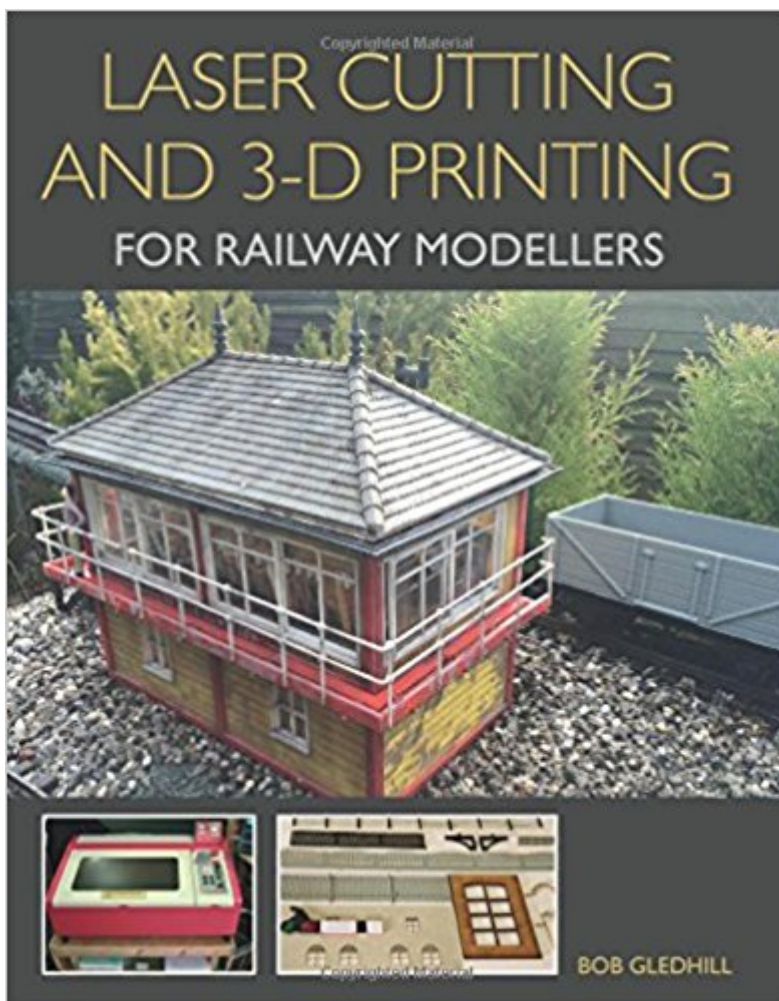




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Laser Cutting In 3-D Printing For Railway Modellers



Synopsis

This fascinating book describes in non-technical language how these machines work and how railway modellers can use laser cutting in 3-D printing to produce remarkable models for their layouts. With reference to the different modelling scales, the author discusses the advantages and disadvantages of different types of machines and materials they employ. Bob Gledhill also shows how beginners can install and use 'Sketchup Make', a free CAD (Computer Aided Design) program from the Internet. The author takes the modeller through the early stages of using this program before providing many examples of how to design model railway related items such as laser-cut roofing tiles, palisade fencing, brickwork, and the detailed elements of station awning. In addition, he demonstrates how to create 3-D printed furniture, barrels, packing crates, guttering and down pipes, rivet heads, and a workman's hut. The CAD skills learnt whilst following the clear instructions on how to draw these examples will enable modellers to design their own model railway parts, which can either be produced on their own machines or be sent away to be created by one of the many 'bureau' companies.

Book Information

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Customer Reviews

Bob Gledhill became interested in railway modelling when he was a boy. He trained as a handicraft teacher, left teaching to start his own educational software business in 1984, and returned to railway modelling again when he took early retirement. Bob quickly adopted Digital Command Control (DCC) and joined MERG (the Model Electronics Railway Group) to learn the use of electronics in railway modelling. Purchasing first a laser cutter and, more recently, 3-D

printers, Bob has pioneered their use in railway modelling. He has twice been a guest tutor at the Missenden Abbey railway modellers courses where he has instructed others in the use of laser cutting and 3-D printing techniques.

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