

This fundamental new resource explores innovative production techniques and materials that are having an impact on the design industry worldwide. Organized into four easily referenced parts—Forming, Cutting, Joining, and Finishing—over seventy manufacturing processes are explained in depth with full technical descriptions; analyses of the typical applications, design opportunities, and considerations each process offers; and information on cost, speed, and environmental impact. The accompanying step-by-step case studies look at a product or component being manufactured at a leading international supplier.

A directory of more than fifty materials includes a detailed technical profile, images of typical applications and finishes, and an overview of each material's design characteristics. With some 1,200 color photographs and technical illustrations, specially commissioned for this book, this is the definitive reference for product designers, 3D designers, engineers, and architects who need a convenient, highly accessible, and practical reference. 1,200 color photographs and illustrations

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Manufacturing Processes For Design Professionals Additive Manufacturing Processes, Rapid Manufacturing - Basics, Definitions, Processes A Textbook Of Manufacturing Technology Manufacturing Processes By R. K. Rajput A Textbook Of Manufacturing Technology Manufacturing Processes By R. K. Rajput Pdf A Textbook Of Manufacturing Technology: Manufacturing Processes Manufacturing Processes Dnv GI Manufacturing Processes Manufacturing Processes. Design professionals are surely going to feel there is not too much meat once they strip away the plumage. The plumage: High gloss paper, thousands of photographs, enough processes to populate an encyclopedia - which is really what this book is - and a heck of a lot of book design with boxed off coloured areas for technical descriptions and icons telling you the functions each process performs. The problems: - The manufacturing processes are actually treated rather superficially with coverage dominated by photographs. You could get similar depth of text from Wikipedia. You could get video of ...^Â If it had only been called "Manufacturing Processes for the Design Professionals' Coffee Table", I could have given it five stars. Read more. One person found this helpful. Design professionals are surely going to feel there is not too much meat once they strip away the plumage. The plumage: High gloss paper, thousands of photographs, enough processes to populate an encyclopedia - which is really what this book is - and a heck of a lot of book design with boxed off coloured areas for technical descriptions and icons telling you the functions each process performs. The problems: - The manufacturing processes are actually treated rather superficially with coverage dominated by photographs. You could get similar depth of text from Wikipedia. You could get video of ...^Â If it had only been called "Manufacturing Processes for the Design Professionals' Coffee Table", I could have given it five stars. Read more. 2 people found this helpful.