

## Manufacturing Information Guide

### E-books

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Complete part design handbook – for injection moulding of thermoplastics, 2006  
Engineering design methods – strategies for product design, 2000  
Essentials of project and system engineering management, 2003  
Handbook of systems engineering and management, 1999  
Illustrated Sourcebook of Mechanical Components, 2000  
Integrated product and process development, 1998  
Manufacturing engineers' reference book, 1993  
Plant engineers reference book, 2002  
Process/Industrial Instruments and Controls Handbook , 1999

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AutoCAD 2008 essentials, Infinity Science Press, 2008  
AutoCAD pocket reference 2008 edition, Industrial Press, 2008  
Best practices in lean six sigma process improvement: a deeper look, John Wiley, 2008  
Blueprint reading basics: manufacturing print reading, Industrial Press, 2001  
Benchmarking: a guide for your journey to best practice, APQC, 2001  
Building a best in class supply chain 2006  
Cam design and manufacturing handbook, Industrial Press, 2002  
CNC programming handbook: a comprehensive guide to practical CNC programming (3<sup>rd</sup> ed), Industrial Press, 2007  
CNC programming techniques: an insiders guide, Industrial Press, 2002  
Demystifying six sigma: a company wide approach, AMACOM, 2003  
Essential of supply chain management, John Wiley, 2003  
Going lean: how the best companies apply Lean Manufacturing Principles to Shatter Uncertainty. Drive Innovation. and Maximize Profits, AMACON, 2008  
Handbook of logistics and distribution, Kogan, 2000  
High performance manufacturing: a global perspective, John Wiley, 2001  
ISO 9001: 2000 quality management system design, Arctech House, 2003  
Improving production with lean thinking, John Wiley, 2006  
Introduction to MATLAB & SIMULINK: a project approach (3<sup>rd</sup> ed), Infinity Science Press, 2006  
Kanban for the supply chain, Productivity Press, 2006  
Lean distribution: applying lean manufacturing to, John Wiley, 2006  
Lean evolution: lessons from the workplace, Cambridge University Press, 2006  
Lean manufacturing implementation, J Ross Publishing, 2004  
Lean materials planning and execution: a guide to internal and external supply management excellence, J Ross Publishing, 2008

Lean production simplified: a plain-language guide to the world's most powerful production system (2<sup>nd</sup> ed), Productivity Press, 2007  
Make it or buy it: the decision to outsource key functions, 2006  
Manufacturing engineering modular series: logistics, Kogan, 2004  
Manufacturing works: the vital link between production, Kaplan, 2002  
Matlab Guide, SIA, 2000  
Sheet metal forming processes and die design, Industrial Press, 2004  
Six sigma deployment, Butterworth-Heinemann, 2003  
Six sigma management: a guide for your journey, APQC, 2003  
Six sigma for everyone. John Wiley, 2003  
Supply chain strategies: customer driven and customer focused, Butterworth-Heinemann, 2004  
The basics of FMEA, Productivity Press, 1996  
The power of ultimate six sigma, AMACOM, 2003  
The Toyota product development system, Productivity Press, 2006  
Value stream management for the lean office, Productivity Press, 2003  
Value stream management: eight steps to planning, Productivity Press, 2002  
World class quality: Using design for experiments, AMACOM, 2000

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## Useful weblinks

For a list of useful weblinks about this topic, please see [here](#)

## Useful Books

BSI, Quality management systems-fundamentals and vocabulary  
BS EN ISO 9000:2000  
EEF, Engineering Outlook  
Browne J, Production management systems  
Feld W, Lean manufacturing  
Garside J, Guide to manufacturing excellence  
Govil M, Supply chain design and manufacture  
Harvey J, Machine shop trade secrets  
Hutchins D, Just in time  
Kalpakjian S, Manufacturing engineering and technology  
Koshal D, Manufacturing engineers reference book  
Juran J, Juran's quality control handbook  
Breyfogle F W, Managing six sigma a practical guide  
Mather H, Competitive manufacturing  
Matthews C, Handbook of mechanical works inspection  
Mobley R K, Plant engineer's handbook  
Morton C, Beyond world class  
Oberger E, Machinery's Handbook

Poli C, Design for manufacturing  
Schey JA, Introduction to manufacturing processes  
Schlickman J, ISO 9001: 2000 Quality management system design  
Stranks JW, The handbook of health and safety practice  
Tapping D, Value stream management  
Ulrich KT, Product design and development

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## Recent IMechE manufacturing conferences and seminars

The following are shelved alphabetically by year in the Conference/Seminar section of the library.

[Advanced metallic manufacturing methods - the need for speed](#), Rotherham, 10 May 2006

[Financial management for line managers in engineering](#), London, 18 September 2006

[Intellectual property](#), IMechE seminar 2005

[Management dimension of engineering product development](#), IMechE seminar 2004

[Nanotechnology - delivering business advantage](#), Burnham, 9 December 2004

[Pharmaceutical manufacturing survival in the 21st century](#), London, 6 April 2005

[Risk management: responsibility, accountability and uncertainty](#), IMechE seminar 1999

[Setting up and running a successful consultancy](#), IMechE seminar 2006

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ASME transactions: journal of manufacturing science and engineering	1880-
ASME transactions: journal of mechanical design	1880-
CIRP Annals	1959-
DPA: design products and applications	6 mths
Drives and controls	2002-
Engineering designer	5 years
Health and safety at work	1 year
International journal of production research	
1961-	
IMechE proceedings part B: Journal of engineering manufacture	
1989-	
IMechE proceedings part I: Journal of systems and control engineering	
1991-	
IMechE proceedings part L: Journal of materials design and applications	
1999-	
IMechE proceedings part N: Journal of nanoengineering and nanosystems	2004

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JSME part C mechanical systems, machine elements and manufacturing		
1958-		
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Manufacturing engineer	1989-2004 2006-	
Mechatronics	1999-	
Professional manager		2
years		
What to buy for business	2 years	
What's new in industry	1 year	
Works management		5
years		