

## MANUFACTURING TECHNOLOGY

This is a guide to the Library's collection in Manufacturing Technology. It is not comprehensive, but rather provides a good starting point for research. From these sources, you may be able to locate other related works. Please don't hesitate to ask a librarian if you need further assistance.

### Subject Headings:

Manufacturing Engineering	Manufacturing Industries	Manufacturing Costs
Industrial Management	Manufacturing Processes	Manufactures

### Call Numbers For Browsing:

TA 177-185	Engineering Economy
TH 5011-5701	Construction By Phase of Work
TJ 1125-1345	Machine Shops and Machine Shop Practice
TS 1-2301	Various Manufactures
TS 155-194	Production Management

### Periodical Indexes:

*Applied Science and Technology Index* – Articles on scientific and technical topics such as aeronautics, applied mathematics, automotive engineering, chemical engineering, electrical and electronic engineering, geology, machinery, nuclear engineering, physics, robotics, textile industry, etc. Includes graphs, charts, diagrams, photographs, and illustrations. The content in this database is also part of OmniFile Mega.

*General OneFile* – General database that provides information on topics such as business, computers, social sciences, humanities, current events, health, politics, environmental issues, law, the arts, technology and science. Indexes and abstracts to over 10,000 titles from magazines, journals, newswires and newspapers, and more than 5,810 are full-text.

*SIRS* – Includes articles and graphics on social, scientific, economic, health, historic, business, political, global issues, music, art, film, literature, architecture, performing arts, religion, design, culture, philosophy, current and historic government documents, and information about the federal government, U.S. Justices, U.S. Presidents, and U.S. Supreme Court decisions. Also contains links to and summaries of selected, quality Internet Web pages from the United States and around the world.

### Journals:

<i>American Machinist</i>	<i>Design News</i>	<i>Machine Design</i>
<i>Manufacturing Engineering</i>	<i>Metal Forming</i>	<i>Modern Machine Shop</i>
<i>Plant Engineering</i>	<i>Plant Services</i>	<i>Quality Progress</i>

### Reference Books:

Bungert, Patricia J. and Arsen J. Darnay, eds. *Encyclopedia of Products and Industries -- Manufacturing*. Detroit:

Gale/Cenage Learning, 2008. [Ref] HD 9720.5 .E53 2008 (2 Vols.)

Darnay, Arsen J., ed. *Manufacturing and Distribution USA: Industry Analyses, Statistics, and Leading Companies*.

Detroit: Gale, 2000. [Ref] HD 9721 .M3495 2002 (3 Vols.)

Schlager, Neil, ed. *How Products Are Made: An Illustrated Guide to Product Manufacturing*. Detroit: Gale, 1994.

**[Ref] TS 145 .H69 (7 Vols.)**

**More Reference Books:**

*Tennessee Manufacturers Register*. Evanston, IL: Manufacturers' News, 1999. **[Ref] T 12 .T435 2000**

*Thomas Register of American Manufacturers*. New York: Thomas, 1999. **[Ref] T 12 .T6 1906b**

Veilleux, Raymond F., ed. *Tool and Manufacturing Engineers Handbook*. 4<sup>th</sup> ed, Dearborn, MI: Society of Manufacturing Engineers, 1988. **[Ref] TS 176 .T63 1983 (8 Vols.)**

Additionally, you may find the **Knovel Industrial Tech Books Online** useful. These electronic books are available in full-text through the Library's homepage.

**Videos:**

<i>New Look at Machine Vision</i>	<b>TA 1632 .N48 1988</b>
<i>Programmable Controllers</i>	<b>TJ 223.P76 P76 1987</b>
<i>Flexible Manufacturing Cells</i>	<b>TS 155.6 .F44 1987</b>
<i>Advanced Manufacturing Technology</i>	<b>TS 183 .A39 1994</b>
<i>Instrumentation Symbols</i>	<b>T 8 .I57 1991</b>
<i>Instrument Loop Diagrams</i>	<b>T 11.8 I5 1991</b>
<i>Automated Factory</i>	<b>TS 191.8 .S53 1980 (4 Tapes)</b>
<i>Manufacturing Processes</i>	<b>TS 183.M3 1994</b>
<i>Virtual Manufacturing</i>	<b>TS 183 .V57 1995</b>
<i>Casting</i>	<b>TS 183 .F8664 1999</b>
<i>Rolling</i>	<b>TS 340 .R65 1982</b>

**E-Books (Available Via NetLibrary and Knovel Books Online):**

<i>Development Factory</i>	<i>Dispelling the Manufacturing Myth</i>
<i>Ecology of Industry</i>	<i>Handbook of Manufacturing Engineering</i>
<i>Industrial Green Game</i>	<i>Introduction to Manufacturing Processes and Materials</i>
<i>Manufacturing 2000</i>	<i>Manufacturing Renaissance</i>
<i>Manufacturing Systems</i>	<i>Markets of One</i>
<i>Structural Aspects of Manufacturing in Sub-Saharan Africa</i>	<i>When Lean Enterprises Collide</i>

**Internet Sites:**

Thomas Register Online	<a href="http://www.thomasregister.com">http://www.thomasregister.com</a>
Oak Ridge Centers for Manufacturing Technology	<a href="http://www.ornl.gov/sci/fed/rfweb/orcmt.html">http://www.ornl.gov/sci/fed/rfweb/orcmt.html</a>
Association for Manufacturing Technology	<a href="http://www.amtonline.org">http://www.amtonline.org</a>
Manufacturing Technology Information Analysis Center	<a href="http://ammtiac.alionscience.com">http://ammtiac.alionscience.com</a>
Manufacturing.Net	<a href="http://www.manufacturing.net">www.manufacturing.net</a>
dmoz Open Directory Project	<a href="http://www.dmoz.org/Science/Technology/Manufacturing">www.dmoz.org/Science/Technology/Manufacturing</a>
Manufacturing Technology	<a href="http://www.ostc-was.org/uswww/manufac.html">www.ostc-was.org/uswww/manufac.html</a>
Google Web Directory	<a href="http://directory.google.com/Top/Science/Technology/Manufacturing">http://directory.google.com/Top/Science/Technology/Manufacturing</a>