MACHINE TOOL TECHNOLOGY

This is a guide to the Library’s collection in Machine Tool 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:
Automatic Machine Tools           Machine Tools           Machining
Manufacturing Processes           Metal-Working Machinery          Numerical Control
Tools                             Transfer Machines

Call Numbers For Browsing:
TJ 1125-1345 Machine Shops and Machine Shop Practices
TS 155-194   Production Management
TS 200-770   Metal Manufactures; Metalworking

Databases:
Applied Science Full-Text (Partial Full-Text) – 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 – Search all of the databases at once or select a specific database to search. 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. The pages are continually updated and evaluated.

Journals:
American Machinist Modern Machine Shop Tooling and Production: T&P
Machine Design Manufacturing Engineering MSD: Motion System Design
Metal Forming Modern Materials Handling Quality Progress
Reference Books:


Videos:
*Allen-Bradley 7320 CNC* TJ 1189 .A4
*Advances in CNC* TJ 1189 .A3 1989
*Casting* TS 183 .F8664 1999
*Digital Control Techniques* T 223 .M53 D5 1986
*Introduction to Hydraulics Technology* T 840 .L55 2004 DVD
*Introduction to Lean Manufacturing* TS 183.3 .M33 2000
*Plastic Injection Molding* TS 183 .F8675 1998
*Precision Measuring Tools* T 1313 .P743 1991 (6 Tapes)
*Punch Presses* T J 1255 .P84 1997
*Reading Blueprints* T 379 .R4 1982 (10 Tapes)
*Reading Schematics and Symbols* T 8 .R4 (10 Tapes)
*Robotics Technology* T 211 .R6 1987

E-Books (Available Via eBooks on EBSCOhost):
*Advanced Machining Processes: Nontraditional and Hybrid Machining Processes*
*Fundamentals of Machining and Machine Tools*

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

Internet Sites:
National Tooling and Machining Association http://www.ntma.org
Machining Technology Association of SME http://www.sme.org
Magazine of Screw Machine Technology http://www.production-machining.com
Machine Tools Online http://www.machinetoolsonline.com
Plastics Molding and Fabricating Online Magazine www.plasticsmachining.com/magazine

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