



Smithsonian
National Museum of American History
Kenneth E. Behring Center

James J. Childs Numerical Control Collection

NMAH.AC.0420

Craig A. Orr

1992

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	James J. Childs Numerical Control Collection
Identifier:	NMAH.AC.0420
Date:	1952-1991
Extent:	55 Cubic feet (132 boxes)
Creator:	Childs, James J., 1926-
Language:	English

Administrative Information

Immediate Source of Acquisition

Collection donated by James J. Childs.

Processing Information

This collection was processed by Craig A. Orr, archivist.

Preferred Citation

James J. Childs Numerical Control Collection, 1952-1991, Archives Center, National Museum of American History.

Restrictions on Access

Collection open for research on site by appointment. Unprotected photographs must be handled with gloves.

Terms Governing Use and Reproduction

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Biographical Note

Expert in the field of numerical control, has served as a consultant to U.S. Government agencies on the subject.

Scope and Contents

Archival materials, including correspondence, photographs, and drawings relating to the field of numerical control of machinery; also a large quantity of printed material, especially trade catalogs and trade literature.

Arrangement

Divided into 3 series.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Numerical control

Types of Materials:

Correspondence -- 20th century

Design drawings

Photographs -- 20th century

Trade catalogs

Container Listing

Series 1: "Smith 1"

Box 1	A-AIA: NC Historical Data
Box 2	AIA Equipment at various plants-Aircraft Industries Assoc.
Box 3	Boeing-American Machinist Magazine
Box 4	ASTME N/C Seminar, 1963-American Management Assoc.
Box 5	ASTME General-APT
Box 6	AIA Drafting Panel American Standards Assoc.
Box 7	Autonetics (North American)-Bendix Aviation Corp.
Box 8	Bendix-Boeing
Box 9	Bendix Industrial Controls-Bullard
Box 10	Burgmaster-Carlton Machine Tool Co.
Box 11	Centre Circuits-Cincinnati Lathe & Tool Co.
Box 12	Cincinnati Lathe & Tool Co.
Box 13	Cinn Gilbert-Competitive review
Box 14	Computers General-Devlieg
Box 15	Diatrol [?]-John Diebold & Associates
Box 16	Editape-Excello
Box 17	Franklin Institute
Box 18	Fosdick-General Electric
Box 19	General Electric

Box 20	General Electric-Gisholt Machine
Box 21	Gorton-Honeycomb
Box 22	Howe & Fant, Inc.-IBM
Box 23	Inspection Machine-K
Box 24	K. & T.-Lodge & Shipley
Box 25	Lucas-Machinery & Allied Products
Box 26	[Magazines] Misc. Magazine Articles
Box 27	Very Old Stuff [1964 1967] MFG EHG Comeil (CLED)
Box 28	Market-Metalworking Magazine
Box 29	Monarch-National Machine Tool Builders Assoc.
Box 30	National Machine Tool Builders Association-P
Box 31	Onsrud-[Pratt & Whitney Catalogs]
Box 32	[Pratt & Whitney catalogs]
Box 33	Printed circuits-R
Box 34	Republic Aviation Corp.-Remington Rand
Box 35	Remington Rand-RHEEM
Box 36	Richlin-Sorban Engineering, Inc.
Box 37	Sperry Rand-Steffan Mfg.
Box 38	Strippit-Sundstrand
Box 39	Superior Electric-TRW
Box 40	TRW [Bunker Ramo Systems]
Box 41	[TRW]-W

- Box 42 Wales [Sundstrand]
- Box 43 Westinghouse PRODAC-Y

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Series 2: "Smith 2" Listing

Box 44	[Miscellaneous] [Adaptive Control]
Box 45	[Adaptive Control]
Box 46	[Foreign Catalogs]
Box 47	[Foreign Catalogs]
Box 48	[Foreign Developments]
Box 49	Rohm Wheatley [Foreign Developments]

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Series 3: "Smith 3" Listing

Box 1	Modern Machine Shop, 1970 1984 (incomplete)
Box 1	Economic Handbook of the Machine Tool Industry,
Box 2	APT Dictionary
Box 2	APT Encyclopedia
Box 2	Honeywell APT Programming Dictionary
Box 3	Proceedings of the Numerical Control Society, 6th (1969), 14th (1977)
Box 4	Proceedings of the NCS, 16th (1979) 20th (1983)
Box 5	Proceedings of AIM Tech, 22nd (1985) & 24th (1987)
Box 5	NCS, Directory of Members,
Box 5	Numerical Control: A Bibliography 1968 Automation Trends Survey & Forecast Management Guide to NC
Box 6	Directory of Machine Tools Built by Members of the National Machine Tool Building Association(incomplete)
Box 6	1982 Census of Canada's Numerical Controlled Machine Tools
Box 6	American Machinist 100th Anniversary Issue
Box 6	American Machinist Metalworking Guide for Sales Executives,
Box 6	American Machinist Inventory of Metalworking Equipment,
Box 6	U.S. Dept. of Commerce, Industry Trend Metal and Fabricated Metal Products Manufacturing
Box 7	Remainder of "Smith 3" box #6 (Mainly UNIVACAPT Dictionary; other programming language manuals; Commerce Dept. report; other misc. material
Box 8	17 issues of N/C World magazine
Box 8	G. Oling Dissertation

Box 8	Arthur D. Little Reports
Box 9	Continuation of "Smith 3" Box #1 (Directories; NMTBA Shows 1965; ARDC Production Design Handbook; Futuremill file; Mailing List
Box 10	Continuation of "Smith 3" Box #1
Box 11	1974 IMTS Show Directory of Exhibits
Box 11	U.S. Army Lathe Language Study
Box 11	AIA & NMTBA Panel Meeting
Box 11	Beginning of "Smith 3" Box #2
Box 12	Continuation of "Smith 3" Box #2
Box 13	Continuation of "Smith 3" Box #2
Box 14	All of "Smith 3" Box #3
Box 15	Beginning of "Smith 3" Box #4
Box 16	Remainder of "Smith 3" Box #4 (up to blue & gray 3 ring notebook)
Box 16	Beginning of "Smith 3" Box #5
Box 17	Remainder of "Smith 3" Box #5
Box 18	Slides from "Smith 3" Box #5 thick brown "Bendix" file

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