



DUNDAS
MUSEUM &
ARCHIVES

John Bertram and Sons Co. fonds

F.0016

Finding aid created in 2010 and significantly revised in 2019-2020

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Table of Contents

Dates of creation:	3
Physical description:	3
Administrative history:	3
Scope and content:	4
Custodial history:	4
Arrangement:	5
Language:	6
Availability of other formats:	6
Restrictions on access:	6
Title notes:	6
Related materials:	6
Associated materials:	6
Series 1: Financial and legal records	7
Series 2: Property records	8
Series 3: Employees	9
Subseries 1: Employee records and photographs	9
Subseries 2: Time books	10
Subseries 3: Unions and labour disputes	11
Series 4: Factory and machine blueprints, patents, and images	12
Series 5: Catalogues and price lists	13
Series 6: Correspondence	14
Series 7: Wartime production	17
Series 8: Travel and research	18
Series 9: Company history and publications	19

Title proper: **The John Bertram and Sons Co. fonds** [multiple media]

Dates of creation: 1807-1987, predominant 1866-1930

Physical description: 2.2m of textual records
 ca. 180 photographs
 29 negatives
 35 maps
 2 architectural drawings
 ca. 100 technical drawings
 12 ribbons
 2 printing plates

Administrative history:

The John Bertram & Sons Company, Limited had two predecessors. The first, in 1860, was McDonald and McKechnie, a short lived partnership that produced a machine shop on Park Street in Dundas. This shop burned down in 1861 and a small shop was subsequently built on Hatt Street. In 1863, Robert McKechnie formed a partnership with John Bertram and established Canada Tool Works. This business continued until 1886 when Robert McKechnie retired and the partnership was dissolved. At this time, the business name changed to The John Bertram & Sons Co. Ltd., although it continued to use and be associated with the name Canada Tool Works.

The John Bertram & Sons Co. Ltd. specialized in the manufacture of machinist tools and wood working machinery for mills and woodworking plants, including lathes, drills, bolt cutters, slotting machines, iron planners, sash and mould machines, scroll saws and others. By 1879, John Bertram & Sons shifted some of its focus as demand for railway equipment grew. By 1888, the company was manufacturing both standard manufacturing machines, planers, shapers, drills, milling machines, in addition to specialized machine tools for the locomotive industry. This shift in production also resulted in the abandonment of the production of woodworking machines. John Bertram & Sons also produced large scale machinery for a number of large civil engineering projects including The Peterborough and Kirkfield lift locks.

In 1905, John Bertram & Sons merged with the Niles Bement Pond Company and continued to operate under the name of The John Bertram & Sons Co. Ltd. During the First World War, John Bertram & Sons produced artillery shells for the British Government. The company also took on orders for designing large turbines for hydro-electric power plants. By the 1930's, John Bertram & Sons had begun producing specialized machinery for use in mining. During the Second World War, John Bertram & Sons produced machinery used in the manufacture of armaments rather than producing shells as they had in the First World War. Following the war, the company expanded its lists of machines by producing rubber processing machines, hydraulic presses, and power presses. The company also produced small tools and dies based out of their Pratt and Whitney facility.

John Bertram held the position of president of The John Bertram & Sons Co. Ltd. from its beginning until his death in 1906, when his son Alexander Bertram assumed the presidency of the company. At this time, Alexander's brother Henry Bertram became Secretary-Treasurer. After his appointment to

the Canadian Shell Committee, Alexander Bertram resigned from leading the company and Henry Bertram took active control of the organization's operations. In 1926, after asking to be relieved of their interest in the company, the Niles Bement Pond Co. sold their stock holdings of John Bertram & Sons back to the Bertram family, with Henry Bertram gaining control of the company. In 1926, after the death of Alexander, Henry Bertram officially became President and General Manager of The John Bertram & Sons Co. Ltd. After Henry Bertram, Henry Graham (H.G./Graham) Bertram was the President of John Bertram & Sons until the company was sold to Russell Industries Ltd. in 1951.

In the following years, the company was sold several times. In 1974, it was purchased by Orenstein & Koppel Canada Limited, who owned John Bertram & Sons Co. Ltd. until 1986 when the factory was closed and the company dissolved.

Scope and content:

The fonds contains records created by The John Bertram & Sons Company along with some of the records of its predecessors including McKechnie & Bertram. It also contains records received by or about John Bertram & Sons that were created by others, including publications and material added by Bertram family members.

The fonds consists of correspondence, cancelled cheques, tax assessments and receipts, price lists, catalogues, sales orders, purchase receipts, articles of agreement, legal records (including copies of court records, subpoenas and writ of summons), stockholder records (lists of members and amounts of stocks held), indentures, wage and time records, documents relating to the history of the company, articles of apprenticeship, pension plan records, employee, shop, and machine photographs, personal correspondence, copies of contracts and negotiations, patent records, blueprints for machines and for the factories, lists of machines, employees, sales, purchases, costs, hours, pay, published materials by the company (catalogues, company histories, materials for employees), records relating to artillery shell production, records relating to business trips, property records (including mortgages, tax assessments, indentures, deeds of land, court documents,), maps, technical specifications for machines, printing plates, company brochures, company ribbons, logbooks, notebooks, and company bylaws.

Custodial history:

The records in the fonds were in the possession of the Bertram family until it was deposited in the Dundas Museum and Archives. The Bertram family made some additions and alterations to the records when they were in their custody. This is evident through some family records that have entered the fonds from two sources: H.G. Bertram and Janet Bertram Brown. H.G. Bertram has made extensive notes on a number of records in the fonds indicating their historical significance to the family and to the business, as well as a few inventories of folder contents. Janet Bertram Brown has made a number of inventory lists that were photocopied and placed with the records. These lists and inventories by the Bertram family have been preserved with the records to show previous arrangements. Box 2 File 15 [Company Histories] contains considerable additional material added by Bertram family members.

Two volumes of records relating to the 1947-1948 labour dispute have been included in the fonds since the last inventory, the first attributed to John B Carruthers (a Bertram relative) and the second

being of unclear provenance (Series 3 Subseries 3 in Box 19). Additionally, the Pastime Club Minute Book (Series 3 Subseries 1) was donated by Graham Cunliffe, a Bertram employee from 1969 until the closure of the factory as well as a member of the Pastime Club. When the factory closed, he brought the minute book home, fearing it would be discarded, and donated it to the museum in 2007.

Arrangement:

The fonds was previously arranged and that physical arrangement has been maintained. The revised arrangement scheme has reduced the number of series from 39 to 9 and thus files have since been intellectually arranged within the updated arrangement scheme.

In the prior arrangement, records were placed in chronological order and grouped by function, with the exception of several files or series which had an original order that could be detected and preserved. Where an original order was described in the previous finding aid, that order has been maintained in the revised arrangement scheme in the following files or series:

- Box 1 File 8: McKechnie and Bertram purchase receipts
- Series 2: Property records [boxes 13, 14, and 15]
- Series 3 Subseries 2: Time books
- Series 6: Correspondence [boxes 5, 6, and 7]
- Series 7: Wartime production [box 8]

Box 1 File 8: McKechnie and Bertram Purchase Receipts was arranged alphabetically by location and then chronologically for each location. Files in boxes 5, 6, and 7 of Series 6: Correspondence had an original order alphabetically by geographic location, with some deviations. The records for each geographic location in this series were placed in chronological order in the prior arrangement. Box 7 File 39 of Series 6: Correspondence had an original order, chronologically by the date received. This folder was placed at the end of the prior correspondence series [the inventory includes the business names and geographic locations for each piece of correspondence in the folder]; however two additional files of correspondence have since been intellectually arranged at the end of this series. The files in Box 8 of Series 7: Wartime Production were entirely held in one binder that preserved their original order by type of shell produced and then chronologically within each sub division. Series 3 Subseries 2: Time Books had an original order alphabetically by employee name, with each book in chronological order for each employee. The files in boxes 13, 14, and 15 of Series 2: Property Records were arranged in accordion file folders with chronological inventories listed on the outside. However, in the previous arrangement, the items inside the folders were not preserved in the order they were found in but rearranged in chronological order.

An additional, earlier finding aid prepared by Janet Bertram Brown can also be found in the Bertram Family Collection showing one of the older arrangements of the records in this fonds.

Fonds contains the following series:

- Series 1 Financial and legal records
- Series 2 Property records

Series 3	Employees
Subseries 1	Employee records and photographs
Subseries 2	Time books
Subseries 3	Unions and labour disputes
Series 4	Factory and machine blueprints, patents, and images
Series 5	Catalogues and price lists
Series 6	Correspondence
Series 7	Wartime production
Series 8	Travel and research
Series 9	Company history and publications

Language: English

Availability of other formats:

The digitization of a selection of records from this fonds was made possible by a grant received from the Documentary Heritage Communities Program (DHCP) administered by Library and Archives Canada. An inventory of digitized material is available. File formats available include TIFF, JPEG, and PDF/A.

Restrictions on access: None

Title notes:

File level titles in square brackets have been supplied by the archivist; otherwise, file titles have been supplied by the creator.

Related materials:

Related records can be found in: John Bertram fonds, Alexander Bertram fonds, Henry Bertram fonds, Henry Graham Bertram fonds, the Bertram Family Collection, and the Bertram Technical Drawings Collection (Lyons Collection).

Associated materials:

Library and Archives Canada – Orenstein & Kopple Canada Limited – R3056-0-5-E
Trent University Archives – Bertram, John and Sons – 89-1032

Series Descriptions

Series 1: Financial and legal records

Dates of creation: 1860-1951, predominant 1860-1914

Physical description: 25.5cm of textual records

Scope and content:

Series consists of financial records including orders, financial statements, receipts, cancelled cheques, taxes, and stock. It also contains legal records including records relating to the dissolution of the partnership between McKechnie and Bertram, the merger with Niles, Bement, Pond, and the final sale of the company. Correspondence relevant to the financial and legal operations of the company can also be found in Series 6: Correspondence.

File/item list:

Box	File	Title	Dates of creation
1	1	McDonald and McKechnie day book	1860-1863
3	12	[Various administrative records]	1860-1905
12	9	[Stock book]	1865-1885
1	8	[McKechnie and Bertram purchase receipts]	1866-1886
1	2	[McKechnie and Bertram cancelled cheques]	1867-1868
1	3	[McKechnie and Bertram tax assessments]	1869-1874
2	13	[Statement of accounts]	[after 1870]
1	4	[Purchase of mill race]	1873
1	10	Articles of agreement	1876-1893
2	12	[Cost analysis]	[187-]
1	9	Indenture for the dissolution of the partnership between Robert McKechnie and John Bertram	1886
2	9	Subpoena and writ of summons	1888-1889
1	11	Articles of agreement	1894-1901
2	1	[Merger with Niles, Bement, and Pond]	1894-1901
2	2	[Merger with Niles, Bement, and Pond]	1905-1906
2	10	[Carey Wire Process Sewing Machine Co.]	1895
11	7	[Order book]	1868-1872
11	8	[Order book]	1899
11	9	[Order book]	1902
11	10	[Order book]	1910
11	11	[Order book]	1914
2	3	[By laws]	1901-1905
1	12	[Annual and monthly statements]	1902
1	13	[Annual and monthly statements]	1903
1	14	[Annual and monthly statements]	1904, 1908
2	5	[Shareholders and report]	1919, 1940
16	n/a	[Administrative information book]	[195-]
2	6	[Sale to Russell Industries Limited]	1951

Series 2: Property records

Dates of creation: 1807-1944

Physical description: 39.5cm of textual records
2 photographs
32 maps
2 architectural drawings

Scope and content:

Series consists of records relating to properties owned by John Bertram & Sons. It includes deeds, mortgages, maps, blueprints, by laws, correspondence, and photographs.

Conservation:

Oversized maps and drawings from Box 13 Files 1 and 4, Box 14 Files 1, 2, 5, and 6, and Box 15 Files 2, 3, and 5 have been flattened and rehoused in map cabinet drawer 27.

File/item list:

Box	File	Title	Dates of creation
13	1	Wilson property	1831-1919
13	2	Raceway property	1883-1916
13	3	Machine shop built in 1916	1854-1919
13	4	Dam property	1861-1918
13	5	Lot 14, Concession 1, Dundas	1841-1944
14	1	St. James Church property	1853-1918
14	2	St. James Church property [continued]	1918-1941
14	3	Corporation of Dundas By Law No. 810	1917-1918
14	4	Mallett property	1853-1937
14	5	Railway siding	1898-1905
14	6	Railway siding [continued]	1906-1921
15	1	Foundry property	1868-1926
15	2	Witherspoon property	1905-1929
15	3	Witherspoon property [continued]	1930
15	4	Original machine shop property	1807-1869
15	5	Original machine shop property [continued]	1875-1905
15	6	Conveyance Esquimalt and Nanaimo Railway Company to Paul A.C. Armfelt	1897
2	7	[Hatt Street railroad switch]	1897-1899
2	8	[Rectory property]	1905-1920

Series 3: Employees

Dates of creation: 1866-1973

Physical description: 52.5cm of textual records
17 photographs
1 ribbon
2 printing plates

Scope and content:

Series consists of records relating to the workers of John Bertram & Sons.

Subseries 1: Employee records and photographs

Dates of creation: 1866-1973

Physical description: 10cm of textual records
17 photographs
3 negatives
2 printing plates

Scope and content:

Subseries consists of records produced for and photographs of workers. It includes a ledger, articles of apprenticeship, correspondence, photographs, brochures, and the minute book belonging to the Pastime Club.

File/item list:

Box	File	Title	Dates of creation
3	2	Articles of Apprenticeship	1866-[19--]
3	1	[Employment correspondence]	1871-1896
3	3	Wage ledger	1872
3	11	[Employee photographs]	1895-1953
3	5	[Lists of former employees]	1900-1948
18	n/a	[Notice of the death of Sir Alex Bertram]	1926
3	6	[Pension plan]	1940-1948
3	13	[Benefits, pension plan, and other information for employees]	1944-1953
*	n/a	Pastime Club minute book	1919-1973

*Pastime Club minute book located in a box also containing F.0028 and C.0154

Subseries 2: Time books

Dates of creation: 1882-1910

Physical description: 25cm of textual records

Scope and content:

Subseries consists of notebooks used by foremen to record workers' hours.

File/item list:

Box	File	Title	Dates of creation
9	1	Monthly time book for contractors, employers, and workmen	1898
9	2	Time book	1882-1883
9	3	Time book	1883-1884
9	4	Time book	1883-1885
9	5	Time book	1886
9	6	Time book	1889
9	7	Time book	1885-1887
9	8	Time book	1887-1889
9	9	Time book	1894-1896
9	10	Time book	1892-1895
9	11	Time book	1889
9	12	Time book	1890-1891
9	13	Time book	1892-1894
10	1	Integrated time book	1882
10	2	Integrated time book	1882
10	3	Integrated time book	1883
10	4	Integrated time book	1884-1885
10	5	Integrated time book	1886-1887
10	6	Integrated time book	1888-1889
10	7	Machine cost record	1889-1890
10	8	Integrated time book	1894
10	9	Integrated time book	1909-1910
10	10	Integrated time book	[188-?]-[190-?]

Subseries 3: Unions and labour disputes

Dates of creation: 1918-1955

Physical description: 17.5cm of textual records
1 ribbon

Scope and content:

Subseries consists of records relating to labour disputes between John Bertram & Sons and the workers' unions in 1921 and 1947-1948. It also includes records relating to the 50th anniversary celebrations for the Moulder's Union. It includes correspondence, flyers, newspaper clippings, and records of negotiations and collective agreements.

File/item list:

Box	File	Title	Dates of creation
3	4	[1921 labour dispute]	1918-1924
3	7	[Correspondence and monthly dues]	1944-1953
3	8	[Union submission]	1947-1948
19	1	Information re the labour dispute between The John Bertram & Sons Company Limited and The International Association of Machinists Valley City Lodge Number - 1740	1947-1948
19	2	Information re the labour dispute between The John Bertram & Sons Company Limited and The International Association of Machinists Valley City Lodge Number - 1740 [continued]	1947-1948
19	3	[Labour dispute scrapbook]	1948
19	4	[Labour dispute scrapbook continued]	1948
3	10	[Moulders union wage increase]	1948
3	9	[Moulder and factory workers union 50th anniversary]	1950-1955

Series 4: Factory and machine blueprints, patents, and images

Dates of creation: [18--]-1997, predominant 1878-1944

Physical description: 8cm of textual records
82 photographs
26 negatives
1 map
18 technical drawings

Scope and content:

Series consists of records relating to the manufacturing of machines and tools. It includes notebooks, blueprints, patent submissions, schematics, correspondence, and photographs.

Conservation:

Oversized technical drawings from Box 4 File 1 have been flattened and rehoused in map cabinet drawer 27.

File/item list:

Box	File	Title	Dates of creation
11	1	[C.G. Draeseke notebook]	[ca. 1878]
11	2	[John Bertram notebook]	[ca. 1885]
4	1	[Factory blueprints]	1886-1917
4	2	[Patent documents]	1889-1911
4	7	[Machine and factory photographs]	[18--]-1997, predominant [194-]
16	n/a	Niles-Bement-Pond Co. New York No. 76 [dimension book]	1912-1925
16	n/a	Niles-Bement-Pond Co. New York No. 96 [dimension book]	1912-1927
4	4	List of machine numbers	1915-1944
16	n/a	Shop views	[19--?]
11	5	[Notebook]	[19--?]
12	10	[Photographs]	[19--]

Series 5: Catalogues and price lists

Dates of creation: [18--]-1947

Physical description: 23cm of textual records
9 photographs

Scope and content:

Series consists of catalogues and other advertising or sales materials for the machines and tools produced by both McKechnie & Bertram and John Bertram & Sons.

File/item list:

Box	File	Title	Dates of creation
1	5	Revised price list	1869,1873, 1874
15	0	[Advertisement]	[1870]
4	5	[Brochures and photographs]	1871-[18--]
4	6	[Brochures and photographs]	1871-[18--]
12	1	McKechnie & Bertram's illustrated catalogue of machinists' tools and wood working machinery	1876
12	2	McKechnie & Bertram's illustrated catalogue of machinists' tools and wood working machinery	1877
12	3	McKechnie & Bertram's illustrated catalogue of machinists' tools and wood working machinery	1881
12	4	McKechnie & Bertram's illustrated catalogue of machinists' tools and wood working machinery	1883
12	5	Illustrated catalogue of machine tools and wood working machinery	1886
12	6	Canada Tool Works [catalogue]	1888
12	7	Illustrated catalogue of machine tools	1894
11	6	Price book	[ca. 1898], 1942
16	n/a	Price book	[18--]
16	n/a	Price book	1902
16	n/a	Price book	1909
16	n/a	Price book	1916
16	n/a	Price book	1916
16	n/a	Price book	1946
18	n/a	Bertram machine tools condensed catalogue	1947
12	8	[Machine catalogues]	[194-?]
18	n/a	General machine shop tools	[19--?]
18	n/a	Structural and bridge shop machinery	[19--?]
18	n/a	Punching and shearing machines	[19--?]
18	n/a	Modern machine tools [lathes]	[19--?]

Series 6: Correspondence

Dates of creation: [18--]-1940, predominant 1865-1890

Physical description: 39cm of textual records
8 photographs
2 maps
11 ribbons

Scope and content:

Series consists of correspondence predominantly relating to orders received. It also includes correspondence relating to other administrative functions, a file of Robert McKechnie's personal correspondence, and ribbons used for admittance to company picnics.

File/item list:

Box	File	Title	Dates of creation
5	1	Chatham [N.B.]	1894
5	2	Dundas	[18--]
5	3	Foreign	1866-1936
5	4	Galt	1866-1880
5	5	Georgetown	1877
5	6	Goderich	1871-1874
5	7	[Dundas]	1868-1873
5	8	Gananoque	1871-1879
5	9	Grimsby	1871-1880
5	10	Guelph	1870-1880
5	11	Hamilton	1876
5	12	Hamilton	1881-1886
5	13	Hamilton	1866-1874
5	14	Hamilton	1876-1880, [1936]
5	15	Hamilton	1868
5	16	Hamilton	1866-1878
5	17	Hamilton	1870, 1878
5	18	Hamilton	1866-1881
5	19	Hamilton	1866-1879
5	20	Hamilton	1871-1881
5	21	Hamilton	1873-1880
5	22	Hamilton	1937
5	23	Halifax	1886
5	24	Ingersoll	1868-1871
5	25	Kingston	1870-1906
5	26	Picton, Kingston, Trenton	1881-1901
5	27	[Walkerville]	1877-1879
5	28	[Dundas]	1905
5	29	Law and legal letters	1878-1880
5	30	London and St Thomas	1865-1885
5	31	Listowel	1871-1877
5	32	Montreal	1868-1881

5	33	Montreal	1903
5	34	[Industrial Canada]	[1886?], 1928
5	35	Montreal	1872-1880
5	36	Morpeth	1874-1878
5	37	Millbank	1870-1873
5	38	Millpoint	1875
5	39	Niles, Bement, Pond Company	1905-1926
5	40	Niagara	1874-1896
5	41	Newspapers advertising	1866-1880
5	42	Newcastle	1871
5	43	Nova Scotia	1873-1880
5	44	Montreal	1881-1940
5	45	Old receipts	1866-1878
5	46	New Brunswick	1870-1880
5	47	Almonte - Omemee	1885-1886
5	48	Ottawa	1870-1871
6	1	Ottawa and Hull	1871-1880
6	2	Oshawa	1870-1880
6	3	Orillia and Owen Sound	1871-1879
6	4	Peterborough	1868-1886
6	5	Paris, St Mary's, Strathroy, and Walkerville	1881-1886
6	6	Papers	1937
6	7	[Early factory plans and photographs]	1866-[19--]
6	8	Paris	1868-1879
6	9	[Picnic ribbons]	1886-1902
6	10	Prescott	1879
6	11	Palermo	1873-1882
6	12	Picton	1876
6	13	Quebec, Levis, and Montreal	1881-1886
6	14	Quebec bridge	1916
6	15	Quebec City	1873-1878
6	16	Canadian Pacific Railway & Toronto, Hamilton & Buffalo Railway	1880-1897
6	17	Quebec, Montreal, Ottawa Railway	1880
6	18	Credit Valley Railway	1878-1880
6	19	Quebec, Montreal, Ottawa and Occidental Railway	1880-1881
6	20	Canadian Pacific Railway	1880
6	21	Canada Southern Railway	1880-1886
6	22	Grand Trunk Railway Montreal	1879-1880
6	23	Brockville Ottawa Railway	1870-1873
6	24	Victoria Railway	1876-1880
6	25	Port Hope and Midland Railway Co.	1868-1878
6	26	Whitby, Port Perry & Lindsay Railway	1873-1880
6	27	Intercolonial Railway	1874-1880
6	28	Grand Trunk Railway Toronto	1872-1881
6	29	Cobourg, Peterborough and Marmora Railway Co.	1872-1873
6	30	Port Dover and Lake Huron Railway	1878-1879
6	31	Grand Trunk Railway Montreal	1873-1880
6	32	Grand Trunk Railway Belleville	1872-1875
6	33	Grand Trunk Railway Stratford	1871-1879
6	34	Great Western Railway	1868-1886

6	35	Canadian Pacific Railway Ottawa	1879-1880
6	36	Great Trunk Railway Montreal	1870-1880
6	37	Prince Edward Island Railway	1875-1880
6	38	Levis and Kennebec Railway	1874
6	39	Northern Railway Toronto Gray and Bruce Railway	1871-1874
6	40	Hamilton and North Western Railway	1873-1880
6	41	Northern Railway of Canada	1871
6	42	Welland Railway	1872-1877
6	43	Ridgetown	1878
7	1	Shells	1917
7	2	Ball shop	1869-1877
7	3	Sherbrooke	1886
7	4	Sarnia	1886
7	5	Shipments	1867-1880
7	6	Simcoe	1877-1880
7	7	Sarnia	1868
7	8	St. George	1872
7	9	St. Thomas	1871-1880
7	10	Smith Falls, Perth, and Carleton Place	1869-1876
7	11	St. Catharines, Thorold, and Welland	1870-1880
7	12	Sherbrooke	1869-1880
7	13	Stratford	1875-1880
7	14	Sorel	1871-1878
7	15	Toronto	1871-1886
7	16	Toronto	1869-1880
7	17	Tax receipts and assessments	1867-1879
7	18	Toronto	1869-1890
7	19	Trenton	1880
7	20	Toronto	1880
7	21	Toronto	1869-1880
7	22	Toronto	1870
7	23	Toronto	1878-1880
7	24	Toronto	1871-1880
7	25	Toronto	1873-1880
7	26	Three Rivers	1871
7	27	Toronto	1879-1880
7	28	Toronto	1869-1879
7	29	Toronto	1868-1880
7	30	Toronto	1872-1883
7	31	Toronto	1870-1879
7	32	Toronto	1868-1879
7	33	Watford	1871, 1878
7	34	Winnipeg	1873-1880
7	35	Wellington Square	1875
7	36	Woodbridge	1870-1880
7	37	Walkerville	1871-1877
7	38	Wookstock	1871-1880
7	39	[July 1881 correspondence]	1881
1	7	[Canadian Manufacturers Association]	1874-1880, 1936
2	11	[Robert McKechnie]	1876-1883

Series 7: Wartime production

Dates of creation: [191-]-1918

Physical description: 20cm of textual records
ca. 60 photographs
ca. 80 technical drawings

Scope and content:

Series consists of records relating to the production of shells during WWI as well as the possibility of manufacturing or purchasing machine guns. It includes correspondence, schematics, and photographs. In Series 6: Correspondence, Box 7 File 1 contains correspondence regarding the production of shells.

File/item list:

Box	File	Title	Dates of creation
2	4	[Machine gun battery]	1915
4	3	[Howitzer shell blueprint books]	1915-1918
8	1	[Shell production log book]	1917-1918
8	2	[6 inch shell production]	1917-1918
8	3	[9 and 12 inch shell production]	[191-]
8	4	[Machine guns]	1915-1917
8	5	[8 inch high explosive shell]	1915-1917
8	6	[8 and 9.2 inch shells]	1915-1916
8	7	[U.S. 12 inch shells]	1917-1918
8	8	[Price regarding large shells]	1915
8	9	[Correspondence]	1915
8	10	Shells for Russian government	1916
8	11	Chairman and Vice-President	1916-1917
16	n/a	Plant equipment for Bertram 155 mm shell workshop No.1	[191-]
16	n/a	Plant equipment for Bertram 155 mm shell workshop No.2	[191-]
16	n/a	[H.W. Draeseke photographs of machines]	[191-]

Series 8: Travel and research

Dates of creation: 1876-1939

Physical description: 8cm of textual records

Scope and content:

Series consists of notebooks and correspondence relating to trips to England and the United States for exhibitions and to research other manufacturers.

File/item list:

Box	File	Title	Dates of creation
1	6	[International exhibitions]	1876-1895
11	12	[U.S. trip notebook]	1906
11	13	[U.S. trip notebook]	1906
11	14	[U.S. trip notebook]	1907
11	3	C.P.R. shop Winnipeg [notebook]	1909
2	14	[England trip records]	1939
11	15	[England trip notebook]	1939
11	4	[U.S. Machine tool notebook]	[19--]

Series 9: Company history and publications

Dates of creation: 1872-1987, predominant 1900-1945

Physical description: 8cm of textual records
11 photographs

Scope and content:

Series consists of records added by the Bertram family and publications about the history of the company as well as trade publications. In Series 6: Correspondence, Box 5 File 34 contains a photograph and correspondence relevant to this series.

File/item list:

Box	File	Title	Dates of creation
2	15	[Documents relating to company history]	1872-1987
17	n/a	[Calendar]	1904
17	n/a	Engineering: an illustrated weekly journal	20 Dec. 1907
17	n/a	Progress reporter: Niles, Bement, Pond Co.	1914
17	n/a	The John Bertram & Sons Company: a splendid record of industrial development	1918
17	n/a	Canadian machinery and manufacturing news	25 Dec. 1924
17	n/a	75 years with Canadian industry: a history of Bertram Machine Tools in Canada	1936
17	n/a	Canadian machinery	1936
2	16	[Contents of sealed box in cornerstone]	1940
17	n/a	80 active years: Pratt & Whitney	1940
17	n/a	A story of machine tools: Bertram in war and peace	1944
17	n/a	International reference service: doing business with Russia	1945
16	n/a	Heald... instruction manual and service repair parts	[194-?]
17	n/a	History of Canada Tool Works	[19--]