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THE MACHINERY INDUSTRY

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I — General Review of the Manufacturing Industries, \$1.50
- II — The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III — Foods and Beverages
- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
 - X — Wood and Paper Products
 - XI — Printing Trades
- XII — Iron and Steel Products
- XIII — Transportation Equipment
- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

The present report belongs in Part XII, Iron and Steel Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A — General Review, 25¢
- B — The Agricultural Implements Industry, 25¢
- C — The Boilers and Plate Work Industry, 25¢
- D — The Bridge Building and Structural Steel Industry, 25¢
- E — The Hardware, Tools and Cutlery Industry, 25¢
- F — The Heating and Cooking Apparatus Industry, 25¢
- G — The Machinery Industry, 25¢
- H — The Machine Shops Industry, 25¢
- I — The Iron Castings Industry, 25¢
- J — The Primary Iron and Steel Industry, 25¢
- K — The Sheet Metal Products Industry, 25¢
- L — The Wire and Wire Goods Industry, 25¢
- M — The Miscellaneous Iron and Steel Products Industry, 25¢

THE MACHINERY INDUSTRY 1956

Factory shipments by firms in the Machinery Industry were valued at \$471,197,174 in 1956, an increase of 27.9 per cent over the 1955 total of \$368,424,434. The 414 firms which reported in this group for 1956 were distributed across Canada as follows: 2 in Newfoundland; 3 in Nova Scotia; 3 in New Brunswick; 80 in Quebec; 256 in Ontario; 17 in Manitoba; 6 in Saskatchewan; 4 in Alberta and 43 in British Columbia. These plants gave employment to a total of 37,520 workers who were paid \$142,114,170 in salaries and wages. Materials worth \$213,150,950 were purchased for use in manufacturing processes and an additional \$4,333,548 were spent for fuel and electricity.

This industry covers the operations of iron and steel works which were occupied chiefly in making industrial, household, office and business machinery, and machine tools. Farm implements and machinery and electrical machinery and supplies are covered by separate reports. Some concerns in other industrial groups made machinery as secondary or minor products so the production figures for the Machinery Industry do not necessarily represent the total Canadian output of the commodities listed. Detailed production data for the Machinery Industry only are given in Table 4, while Table 6 summarizes the total machinery production as assembled from all industries. In 1956 the total output of

machinery from all industries was \$686,317,000 compared with \$549,505,000 in the previous year; however see footnote to Table 6 (b) on page

Products made in this industry included washing machines and ironers, cash registers, sewing machines, typewriters, transmissions machinery, pulp and paper machinery, elevators, air compressors, rock drills and mining machinery, road-making machinery, gasoline-dispensing pumps, machine tools, rolling mill machinery, etc.

The new Standard Industrial Classification, which has been used by the Dominion Bureau of Statistics in its compilations since 1949, provides for a breakdown of the machinery group into three divisions: (a) Household, office and store machinery; (b) Machine tools; (c) Machinery, n.e.c. The latter category includes establishments primarily engaged in manufacturing special industrial machinery, such as textile machinery, wood-working machinery, pulp and paper machinery, engines and turbines, mining machinery, conveyor systems and elevators, etc. Data given in Tables 1, 4, 5, 7 to 12 relate to the machinery group as a whole but the principal statistics and inventory data for the three groups are detailed in Tables 2 and 3.

The letters "n.e.c." appearing throughout this report mean "not elsewhere classified".

IRON AND STEEL PRODUCTS

TABLE 1. Principal Statistics of the Machinery Industry, Significant Years 1929-1956,
and by Provinces, 1955 and 1956

Year and province	Establishments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	No.	No.	\$	\$	\$	\$	\$
1929	169	12,435	17,091,918	684,629	22,264,416	42,743,494	65,692,539
1933	189	6,317	6,575,848	452,903	6,787,924	11,672,099	18,912,926
1937	214	12,638	16,059,392	759,245	22,204,200	34,133,371	57,096,816
1939	232	12,248	15,847,861	812,624	18,099,490	29,546,294	48,458,408
1942	255	27,354	47,707,573	1,665,258	52,950,771	104,755,759	159,371,788
1946	299	27,003	50,246,824	1,845,981	50,760,795	93,031,472	145,638,248
1949	366	30,070	73,651,359	2,634,883	90,721,553	147,345,167	240,701,603
1952	402	34,651	110,981,956	3,499,782	127,446,023	211,356,586	342,302,391
1953	401	34,111	113,958,067	3,472,290	128,409,332	210,462,393	342,344,015
1954	399	32,851	114,239,002	3,733,448	131,145,901	207,930,118	342,210,737
1955							
Newfoundland	2	184	665,779	43,489	1,171,676	1,304,729	2,528,812
New Brunswick	2						
Nova Scotia	3	89	223,374	12,405	171,578	564,910	667,029
Quebec	84	10,726	35,834,647	1,288,951	42,953,019	59,707,459	106,629,111
Ontario	245	19,777	73,145,487	2,274,276	99,724,300	131,714,426	232,321,583
Manitoba	16	395	1,266,304	46,189	1,321,221	2,117,590	3,463,802
Saskatchewan	8	137	449,877	25,343	598,641	547,334	1,223,421
Alberta	4	269	938,769	20,351	814,069	1,360,514	2,197,040
British Columbia	44	1,731	6,706,855	227,887	6,221,042	13,303,982	19,393,634
Canada	408	33,308	119,231,092	3,938,891	152,975,546	210,620,944	368,424,434
1956							
Newfoundland	2	209	625,211	35,342	447,426	874,600	1,320,004
Nova Scotia	3						
New Brunswick	3	144	453,290	29,095	1,400,338	632,309	2,051,594
Quebec	80	11,094	41,256,189	1,417,269	57,803,985	75,717,153	127,328,481
Ontario	256	22,948	88,105,398	2,474,426	140,673,708	173,998,225	305,281,912
Manitoba	17	436	1,496,153	48,680	1,729,049	2,479,206	4,113,027
Saskatchewan	6	158	495,377	22,357	684,902	798,465	1,387,662
Alberta	4	294	1,121,865	34,429	1,151,808	2,358,996	3,425,765
British Columbia	43	2,237	8,560,687	271,950	9,259,734	17,568,812	26,288,729
Canada	414	37,520	142,114,170	4,333,548	213,150,950	274,427,766	471,197,174

1. Figures for value added by manufacture, prior to 1952 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1952 the gross value of production was replaced by value of factory shipments, f.o.b. plant. As no information on inventory change is available for 1952 and 1953, value added figures for these years were obtained by subtracting from the value of shipments the cost of materials, fuel and electricity. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Principal Statistics, by Sub-groups¹, 1955 and 1956

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at works	Cost at plant of materials used	Value added by manufacture	Value of factory shipments
	No.	No.	\$	\$	\$	\$	\$
1955							
Household, office and store machinery	77	8,333	28,009,461	931,481	46,709,159	58,046,043	106,261,768
Machine tools	10	1,137	4,691,926	113,498	3,600,490	5,666,329	9,218,288
Machinery, n.e.c.	321	23,838	86,529,705	2,893,912	102,665,897	146,908,572	252,944,378
Total	408	33,308	119,231,092	3,938,891	152,975,546	210,620,944	368,424,434
1956							
Household, office and store machinery	74	9,473	33,302,657	1,013,861	64,971,338	65,594,236	128,254,564
Machine tools	11	1,472	5,927,401	155,081	5,402,839	8,353,769	13,495,383
Machinery, n.e.c.	329	26,575	102,884,112	3,164,606	142,776,773	200,479,761	329,447,227
Total	414	37,520	142,114,170	4,333,548	213,150,950	274,427,766	471,197,174

1. Sub-division made on basis of principal products.

TABLE 3. Inventories¹, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
(a) By sub-groups	\$	\$	\$	\$
Opening:				
Household, office and store machinery	13,210,034	10,620,754	12,825,864	36,656,652
Machine tools	1,069,459	1,110,057	1,417,264	3,596,780
Machinery, n.e.c.	25,456,111	24,994,921	19,682,141	70,133,173
Total	39,735,604	36,725,732	33,925,269	110,386,603
Closing:				
Household, office and store machinery	14,109,936	10,941,267	15,830,222	40,881,425
Machine tools	1,227,186	1,994,214	949,413	4,170,813
Machinery, n.e.c.	34,378,796	35,573,282	26,077,693	96,029,771
Total	49,715,918	48,508,763	42,857,328	141,082,009
(b) By provinces				
Opening:				
Newfoundland and Nova Scotia	173,811	60,346	132,217	366,374
New Brunswick	196,779	104,479	66,041	367,299
Quebec	8,949,908	11,156,814	7,778,822	27,885,544
Ontario	28,385,074	23,732,576	24,080,052	76,197,702
Manitoba	335,534	97,658	304,704	737,896
Saskatchewan	234,740	108,793	205,704	549,237
Alberta	94,185	122,399	26,194	242,778
British Columbia	1,365,573	1,342,667	1,331,535	4,039,775
Canada	39,735,604	36,725,732	33,925,269	110,386,603
Closing:				
Newfoundland and Nova Scotia	193,203	107,255	122,672	423,130
New Brunswick	275,663	133,896	46,772	456,331
Quebec	10,979,458	15,471,232	11,074,330	37,525,020
Ontario	35,409,709	30,782,180	28,894,895	95,086,784
Manitoba	550,049	159,848	386,422	1,096,319
Saskatchewan	296,398	136,644	295,915	728,957
Alberta	244,055	216,851	51,210	512,116
British Columbia	1,767,383	1,500,857	1,985,112	5,253,352
Canada	49,715,918	48,508,763	42,857,328	141,082,009

1. (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Machinery Industry for the year under review are shown in the above table.

(c) The opening inventory for 1956 does not necessarily agree with the closing inventory for 1955 because of revisions such as the addition of new plants, the transfer of plants to other industries and plants going out of business, etc. However, the value added figures for the previous year have not been recalculated to allow for the revisions mentioned above.

TABLE 4. Products Made by Firms Included in the Machinery Industry, 1956

Item	Value of factory shipments
	\$
Compressors, pumps and parts:	
Air compressors	7,595,570
Pumps and parts	23,352,465
Conveying, elevating, materials handling equipment and parts:	
Conveyors and conveying systems and parts	19,976,338
Elevators and parts	15,940,237
Hoisting machinery (except mine hoists) and parts	9,200,733
Industrial trucks, tractors, trailers and stackers and parts	3,468,747
Miscellaneous materials handling equipment and parts	1,552,532
Drilling, excavating, mining and related machinery and parts:	
Rock drilling, earth boring and related machinery and parts	13,803,721
Excavating, dredging and loading equipment and parts	5,202,660
Mining and ore processing machinery and parts	18,059,322
Construction machinery and parts	8,810,656
Engines and parts	24,790,156
Fire-fighting equipment	2,876,684
Food products machinery (including beverages and tobacco) machinery and parts:	
Bakers' machinery and parts	1,160,874
Dairy and milk product plant machinery	800,227
Flour and grist mill machinery	447,621
Food products machinery, other, and parts	1,627,984
Foundry equipment (core-making machines, moulding machines, casting machines, shakeout equipment, etc.)	274,145
Household machinery and parts:	
Washing machines	22,701,310
Other household machinery and parts	23,355,598
Metal-working machinery and parts:	
Machine tools, metal-working and parts	9,616,101
Metal-working machinery (except machine tools) and parts	1,260,897
Miscellaneous general purpose industrial machinery and parts:	
Wrapping and packaging machinery and parts	1,209,584
Other general purpose industrial machinery and parts	3,773,930

See note at end of table.

TABLE 4. Products Made by Firms Included in the Machinery Industry, 1956—Concluded

Item	Value of factory shipments
	\$
Miscellaneous special industry machinery and parts:	
Cement mill machinery	3,992,764
Grain elevator machinery	1,548,340
Logging machinery	1,074,034
Rubber-working machinery	1,801,183
Saw-mill machinery, including lumber handling equipment	3,854,735
Special industry machinery, other, and parts	6,412,968
Office, store and business machinery and parts:	
Adding machines	2,820,901
Scales	3,005,919
Typewriters — Standard, including long carriage	3,634,139
Portable	2,169,251
Electric	3,480,250
Other office, store and business machinery and parts	31,104,978
Pulp and paper industries machinery and parts	25,236,313
Printing and bookbinding industries machinery and parts	696,958
Refrigeration and air conditioning equipment and parts:	
Refrigeration equipment and parts	10,021,499
Air conditioning equipment and parts	995,794
Service industry equipment (including vending machines) and parts	10,845,121
Ship's machinery and fittings	4,253,994
Textile industries machinery and parts	348,757
Transmission equipment and bearings and parts	22,564,555
Water and sewage treatment equipment and parts	2,421,778
Woodworking machinery (excluding power driven hand tools) and parts	2,478,617
Ventilating, exhaust and dust-collecting equipment and parts	8,879,154
All other machinery and machinery parts	31,502,800
Total machinery and parts	406,002,894
All other products	46,297,867
Amount received for repair and custom work	18,896,413
Total	471,197,174

Note: Data given in this table are for the Machinery Industry which includes only the firms occupied chiefly in the manufacture of machinery. The output figures do not necessarily represent the total Canadian production as some machinery was made as secondary products by firms in other industries. The total production from all industries is shown in Table 6, in as much detail as possible.

TABLE 5. Materials Used by Firms in the Machinery Industry, 1955 and 1956

Material		1955		1956	
		Quantity	Cost at works	Quantity	Cost at works
Castings (rough and semi-finished) received from foundry:			\$		\$
Iron (gray and malleable)	ton	1	1	37,047	8,269,244
Steel	"	1	1	9,746	4,824,720
Pig iron, all grades	"	19,293	1,185,016	24,636	1,518,031
Steel (except alloy steel):					
Bars	"	26,898	4,591,269	37,069	7,057,159
Plates (3/16 in. and thicker)	"	22,890	3,342,846	31,725	5,503,824
Sheets (under 3/16 in.) — Plain	"	17,691	2,701,863	27,203	4,172,920
Galvanized	"	3,524	596,726	3,989	785,595
Tinplate	"	255	42,366	196	34,403
Strips (less than 14 in. wide)	"	1,842	334,179	3,033	589,362
Structural shapes, unfabricated (channels, angles, etc.)	"	24,812	3,915,763	27,442	4,539,963
Wire	"	1,578	283,832	1,728	357,548
Alloy steel in all forms:					
Alloy steel (other than stainless and tool steel)	—	—	2,045,516	—	2,707,671
Stainless	—	—	2,343,037	—	4,433,774
Tool steel (all types including high speed)	—	—	1,732,851	—	2,047,297
Scrap iron and steel — Purchased	ton	26,927	1,227,811	26,265	1,270,921
Own make	"	4,641	139,852	16,743	696,636
Pipe and fittings, iron and steel	—	—	1,626,360	—	2,384,617
Other iron and steel	—	—	12,926,326	—	8,287,705
Ferro-alloys	—	—	132,782	—	282,531
Non-ferrous metals in all forms:					
Aluminum — Castings	pound	3,468,812	3,543,156	3,706,338	3,667,775
Sheet	"	852,023	379,760	1,029,546	458,454
Other forms	"	2,939,827	1,146,494	4,111,927	1,561,317
Brass and bronze	"	6,819,727	2,751,373	8,123,681	3,624,395
Copper — Sheet	"	268,328	148,038	449,868	261,634
Wire	"	659,684	350,346	558,639	421,332
Other forms	"	1,540,831	813,073	1,454,551	891,364
Lead	"	195,979	35,737	352,200	78,456
Nickel	"	227,590	148,443	245,209	208,381
Tin	"	23,363	25,823	34,756	36,967
Zinc	"	1,612,789	422,810	1,490,527	383,593
Babbitt metals and solders	"	336,219	172,772	401,928	220,054
Other non-ferrous metals	—	—	488,730	—	687,989
Other materials and supplies:					
Paints, oils and varnishes	—	—	1,048,274	—	1,357,821
Foundry coke (used in cupola)	ton	12,262	378,887	15,289	494,024
Foundry sands	"	26,229	196,232	31,108	248,673
Plumbago and graphite	pound	183,746	19,260	83,095	18,702
Lumber	M ft. b.m.	13,465	1,421,511	15,255	1,830,667
Firebrick and cupola blocks	—	—	49,517	—	48,134
Fireclay	ton	2,782	28,657	1,915	29,071
Core oil	Imp. gal.	51,351	56,242	40,034	53,068
Shipping materials	—	—	1,983,380	—	2,306,345
All other materials	—	—	98,198,636	—	134,498,808
Total	—	—	152,975,546	—	213,150,950

1. Not available separately.

TABLE 6(a). Factory Shipments¹ of Industrial, Household and Business Machinery, 1955
(Data assembled from all industries)

Item	Quality shipped	Value of factory shipments ¹	
		No.	\$
Air compressors:			
Stationery type	—	4,601,000	
Portable type	—	1,217,000	1
Air-conditioning equipment:			
Room air conditioners, window type	1,975	806,000	
Self-contained air conditioners, except window type — 2-5 h.p.	498	385,000	
— over 5 h.p.	—	3,123,000	
Air conditioners, central plant, domestic	—	—	
All other air-conditioning equipment	—	—	
Bakers' machinery:			
Mixing machines	709	600,000	
Ovens	262	492,000	
Other bakers' machinery and parts	—	371,000	
Baling machines	2	2	
Blowers for domestic furnaces	104,705	1,761,000	
Bottling machinery and parts	—	103,000	
Canning machinery and parts	—	1,167,000	
Cement mill machinery and parts	—	2,168,000	
Chlorinators and chlorine control apparatus	2	2	
Coal-cleaning and coal-pulverizing machinery and parts	—	462,000	
Concrete-making machinery:			
Concrete mixers	3,821	1,387,000	
Concrete block machines	134	39,000	
Other concrete-making machinery and parts	—	443,000	
Conveying and elevating machinery (except passenger and freight elevators) and parts	—	13,164,000	1/2
Cream separators	1,600	180,000	
Dairy and creamery machinery and parts, except cream separators, but including milking-machines, churns, pasteurizers, etc.	—	3,721,000	
Dish-washing machinery (except domestic)	—	1,127,000	
Electric appliances, motor-driven, not elsewhere specified	—	11,320,000	
Elevators, freight and passenger, and parts	—	12,571,000	
Engines (except automobile and aircraft):			
Steam, including steam turbines	—	394,000	
Gasoline (except automobile):			
Marine type, including outboard	3	3	
Other types (including industrial gas engines)	71,457	12,598,000	
Diesel	166	4,885,000	
Engine parts	—	3,912,000	
Fire-fighting equipment (except hand extinguishers)	—	2,476,000	
Floor polishers, electric, (domestic and industrial)	190,065	6,130,000	
Flour mill and grist machinery and parts	—	528,000	
Generators and parts, electric, A.C. and D.C.	—	9,278,000	
Grain elevator machinery and parts	—	1,452,000	
Hoisting machinery and parts, including chain blocks, monorail electric hoists, overhead cranes, etc., but excluding mine hoists	—	9,231,000	
Household machinery:			
Washing machines:			
Electric:			
Automatic	36,911	7,046,000	
Conventional (including apartment size)	237,056	22,553,000	
Gasoline	5,304	609,000	
Irons (operated by own motor)	4,374	415,000	
Dryers, clothes, automatic electric	38,017	5,191,000	
Refrigerators, household mechanical, complete units, (electric and gas), all sizes	271,582	49,558,000	
Compressors and condensing units, domestic, for assembly in individual household cabinets	23,825	1,631,000	
Vacuum cleaners, electric:			
Floor models	19,795	1,341,000	
Cylinder models	125,711	6,832,000	
Hand models	—	1,008,000	
Attachments and parts	—	20,924,000	
Other household machinery (including sewing-machines) and parts	—	1,932,000	
Laundry, cleaning and pressing machinery and parts	—	—	
Lawn mowers:			
Hand	25,336	280,000	
Power	78,007	3,849,000	

See footnotes at end of table.

TABLE 6(a). Factory Shipments¹ of Industrial, Household and Business Machinery, 1955 — Continued
(Data assembled from all industries)

Item	Quality shipped	Value of factory shipments ¹	
		No.	\$
Leather-working machinery and parts	—		1,008,000
Logging machinery and parts	—		1,956,000
Metal-working machinery (machine tools):			
Boring machines	4		4
Drilling machines	873	560,000	
Grinding machines	—	98,000	
Lathes	196	915,000	
Milling machines	4	4	
Threading machines	4	4	
Planers	4	4	
Presses (forming, stamping; etc.)	—	1,337,000	
Shapers	4	4	
Shearing machines	148	136,000	
Rolls, bending and straightening	4	4	
Other machine tools	—	1,992,000	
Machine tool parts and accessories	—	1,653,000	
Metal-working machinery (except machine tools)	—	92,000	
Mining and metallurgical machinery:			
Agitators	—	153,000	
Ball and rod mills	21	816,000	
Classifiers	13	118,000	
Diamond drills	—	948,000	
Filters	—	708,000	
Flotation machines	—	60,000	
Hoists	—	1,966,000	
Mine cars	901	590,000	
Skips and cages	—	384,000	
Thickeners	42	164,000	
Other mining and metallurgical machinery	—	6,360,000	
Parts for mining machinery (including rock drill bits)	—	16,886,000	
Motors, electric, and parts	—	40,394,000	
Motor-generator sets	268	1,644,000	
Office, business and store machinery:			
Adding machines	19,057	2,868,000	
Scales:			
For stores, homes and offices:			
For retail use	31,650	726,000	
For domestic use			
Industrial:			
Bench or portable type	7,318	1,353,000	
Built-in or pit type	565	558,000	
Typewriters:			
Standard, including long carriage ⁵	35,005	5,366,000	
Portable	30,963	1,764,000	
Electric		See "Standard"	
Other, including accounting machines, cash registers, time recorders, meat slicers, bread slicers, calculating-machines, etc., and parts	—	26,047,000	
Oil burners:			
Power type:			
For house heating	125,639	11,283,000	
Commercial and industrial	1,070	726,000	
Oil burner parts	—	2,119,000	
Plastics machinery and parts	—	32,000	
Printing-machinery and parts	—	413,000	
Pulp-making and paper-making machinery and parts	—	17,083,000	
Pumps:			
Centrifugal	—	6,647,000	
Cistern and pitcher	14,837	108,000	
Deep well	423	117,000	
Rotary	—	951,000	
Sump	33,622	1,242,000	
Vacuum	—	365,000	
Direct-acting steam piston and electric	2,560	1,509,000	
Other power pumps	—	1,563,000	
Self-contained household water system:			
Deep well — Jet type	4,539	514,000	
Non-jet type	883	199,000	

See footnotes at end of table.

TABLE 6(a). Factory Shipments¹ of Industrial, Household and Business Machinery, 1955 – Concluded
(Data assembled from all industries)

Item	Quality shipped	Value of factory shipments ¹	
		No.	\$
Pumps – concluded:			
Self-contained household water system – concluded:			
Shallow well – Jet type	6,698	573,000	
Non-jet type	42,726	3,670,000	
Pump jacks	2,721	94,000	
Hand pumps	33,063	276,000	
Pump parts, including repair parts	—	3,073,000	
Gasoline-dispensing pumps	10,031	4,504,000	
Refrigerating and ice-making machinery and equipment (except household refrigerators and condensing units)	—	24,907,000	
Road-making machinery:			
Angle dozers	673	1,351,000	
Graders	212	2,636,000	
Rollers	10	57,000	
Scrapers	32	86,000	
Snow ploughs	—	494,000	
Other road-making machinery	—	2,071,000	
Parts for road-making machinery	—	1,532,000	
Roiling mill machinery and parts	—	913,000	
Rubber mill machinery and parts	—	1,416,000	
Sawmill machinery and parts	—	3,526,000	
Saws, power-chain	—	8,643,000	
Saws, power-chain parts	—		
Service station and garage machinery (except pumps):			
Auto lifts	2,322	1,220,000	
Other service station equipment	—	675,000	
Ships' machinery and fittings	—	10,154,000	
Shovels, power	2	2	
Stone-working machinery and parts	—	112,000	
Stokers, mechanical:			
Domestic or residential	791	210,000	
Commercial and industrial	445	717,000	
Stoker parts, including repair parts	—	916,000	
Textile machinery and parts	—	380,000	
Transmission machinery, including brackets, hangers, shafting and other parts (including ball and roller bearings)	—	19,625,000	
Vending machines, automatic	—	183,000	
Ventilating, exhaust and dust-collecting equipment:			
Blowers, complete with equipment	—		
Fans, complete with equipment	—		
Other equipment	—		
Vulcanizers	2	2	
Water-wheels and turbines	—	12,608,000	
Water softeners, domestic	6,777	623,000	
Welding machinery:			
Electric arc-welding equipment with controls	—		
Other electric welding apparatus	—		
Wood-working machinery (including hobby tools):			
Band-sawing machines	1,450	262,000	
Boring machines	592	24,000	
Lathes	1,524	56,000	
Matchers and planers	109	447,000	
Moulders	21	132,000	
Rip and cross-cut saws	21,278	974,000	
Sanders	3,003	100,000	
Shapers and jointers	3,588	243,000	
Surfacers	115	14,000	
Tenoners and mortisers	110	111,000	
Other wood-working machinery and parts	—	1,336,000	
All other machinery and parts, not separately specified	—	23,109,000	
Total of items reported by only one or two firms indicated by ²	—	4,353,000	
Total machinery and parts	—	549,505,000	

1. Aircraft and automobile engines are not included in this compilation.

2. See total at end of table.

3. Included with "Other types (including industrial gas engines)".

4. Included with "Other machine tools" to avoid disclosing figures for individual companies.

5. Includes electric type.

See note to table (6b), page 16.

TABLE 6(b). Factory Shipments of Industrial, Household and Business Machinery, 1956
 (Data assembled from all industries)

Item	Quantity shipped	Value of factory shipments	
Compressors and pumps:			
Air compressors:			
Stationary type	—	7,115,000	
Portable type	—	921,000	
Pumps:			
Centrifugal	—	9,220,000	
Cistern and pitcher	10,301	67,000	
Deep well	1,201	294,000	
Rotary	—	1,373,000	
Sump	33,086	1,233,000	
Vacuum	—	264,000	
Pump jacks	2,497	92,000	
Hand pumps	29,002	253,000	
Self-contained household water pumping systems:			
Deep well and shallow jets	17,100	1,617,000	
Shallow well - non-jet	35,115	3,085,000	
Other power pumps; including direct-acting steam piston and electric	—	4,053,000	
Pumps parts and accessories	—	4,061,000	
Conveying, elevating and materials handling equipment:			
Conveyors and conveying systems:			
Gravity conveyors, (including straight and spiral chutes)	—	2,108,000	
Portable conveyor units	—	721,000	
Power conveyors:			
Belt type	—	10,676,000	
Bucket type	—	1,844,000	
Other conveyors, including pneumatic tube systems and parts	—	5,167,000	
Elevators, including passenger, freight, sidewalk, dumb-waiters, escalators and parts	—	15,940,000	
Hoisting machinery (except mine hoists):			
Cranes with swinging booms	54	1,692,000	
Chain blocks and trolleys	—	1,691,000	
Electric overhead travelling cranes	—	5,382,000	
Monorail electric hoists	—	327,000	
Monorail systems	—	750,000	
Hand cranes	—	250,000	
Winches	—	2,936,000	
Other hoisting machinery, including derricks and parts	—	2,212,000	
Industrial trucks, tractors, trailers and stackers:			
Hand trucks (including dollies)	—	496,000	
Lift trucks and cranes	—	1,865,000	
Other industrial tractors, stackers, including powered types	—	748,000	
Miscellaneous materials handling equipment	—	3,573,000	
Drilling, excavating, mining and related machinery:			
Rock drilling, earth boring and related machinery:			
Rock drills, including diamond drills	—	4,288,000	
Diamond drill bits	—	5,389,000	
Tungsten carbide drill bits	—	6,629,000	
Other drill bits	—	1,819,000	
Other rock drilling, earth boring and related machinery and parts	—	5,745,000	
Mining and ore processing machinery:			
Ball and rod mills	—	2,379,000	
Classifiers	—	328,000	
Crushers, jaw and gyratory	—	3,200,000	
Hoists (mine hoists only)	—	4,575,000	
Mine cars	1,857	1,516,000	
Skips and cages	—	493,000	
All other mining and ore processing machinery, including agitators, coal cutting machines, filters, flotation machines, screens, thickeners, etc. and parts	—	12,593,000	
Construction, excavating, dredging and loading equipment:			
Power excavators (power shovels)	142	3,606,000	
Bulldozing, angle-dozer and similar equipment	—	2,207,000	
Scrapers and pull or push type graders	—	307,000	
Graders, self-propelled type	239	3,333,000	
Snow ploughs	—	787,000	
Concrete mixer-agitators, truck type	237	1,156,000	
Concrete, plaster and mortar mixers, other	6,698	651,000	
Other mixing and paving equipment (concrete and bituminous)	—	432,000	
Other construction machinery, including pneumatic hammers, demountable scaffolding etc. and parts	—	3,122,000	

See note at end of table.

TABLE 5(b). Factory Shipments of Industrial, Household and Business Machinery, 1956 — Continued
(Data assembled from all industries)

Item	Quantity shipped	Value of factory shipments	
		No.	\$
Construction, excavating, dredging and loading equipment — concluded:			
Other excavating machinery and parts.....	—		749,000
Other road and airport construction and maintenance machinery, including snow blowers, flushers, etc., and parts	—		1,539,000
Engines (excluding aircraft and automobile types):			
Turbines, hydraulic and steam	—		11,338,000
Diesel	211		6,223,000
Gasoline, including outboard, industrial, etc.	93,558		13,876,000
Steam	—		331,000
Engine parts:			
For diesel engines	—		1,314,000
For gasoline engines	—		352,000
For marine engines	—		1,479,000
Fire-fighting equipment:			
Pumpers	93		1,354,000
Other fire-fighting equipment, including hose trucks, ladder trucks, etc.	—		2,142,000
Food products machinery (including beverages and tobacco) machinery:			
Bakers' machinery:			
Mixing machines	681		553,000
Ovens	282		488,000
Other bakers' machinery and parts	—		204,000
Dairy and milk products plant machinery, excluding milking machines	—		1,693,000
Flour and grist mill machinery	—		456,000
Other food products machinery and parts, including milking machines	—		3,820,000
Foundry equipment	—		274,000
Household machinery (except refrigeration and air conditioning equipment):			
Washing machines:			
Electric:			
Automatic type	49,765		9,292,000
Apartment type	473		45,000
Conventional type	250,406		23,507,000
Gasoline type	5,278		636,000
Ironers, electric	4,647		380,000
Floor polishers, electric	214,026		6,732,000
Dryers, clothes, automatic electric	55,389		7,743,000
Vacuum cleaners:			
Electric:			
Floor models	20,727		1,542,000
Cylinder models	145,621		8,106,000
Other household machinery (including sewing machines, dishwashers, etc.) and parts	—		20,538,000
Metal-working machinery:			
Machine tools, metal-working:			
Boring machines	1		1
Broaching machines	1		1
Drilling machines	—		285,000
Grinding machines and grinders	148		316,000
Hammers (forging)	1		1
Lathes, engine and turret	92		1,052,000
Milling machines	1		1
Presses	—		1,450,000
Punching machines	1		1
Rolls, bending and straightening	449		181,000
Shapers	1		1
Shearing machines	260		130,000
Thread-cutting machines	1		1
Other machine tools	—		3,022,000
Machine tool parts and accessories	—		3,604,000
Metal-working machinery (except machine tools), including rolling mill machinery	—		1,261,000
Office, store and business machinery:			
Accounting machines	2		2
Adding machines	18,700		2,821,000
Addressing and mailing machines	2		2
Cash registers	2		2
Calculating machines	2		2
Card-sorting and tabulating machines	2		2
Duplicating machines	2		2
Bread-slicing machines	3		3
Meat-slicing machines	3		3

TABLE 6 (b). Factory Shipments of Industrial, Household and Business Machinery, 1956 — Continued
 (Data assembled from all industries)

Item	Quantity shipped	Value of factory shipments
	No.	\$
Office, store and business machinery — concluded:		
Scales:		
For stores, homes and offices	62,106	875,000
Industrial:		
Bench or portable type	4,614	1,742,000
Built-in or pit type	318	389,000
Typewriters:		
Standard, including long carriage	34,241	3,634,000
Portable	37,900	2,169,000
Electric	9,051	3,480,000
Time recording, job recording and time stamping machines	2	2
Other office and business machinery	—	26,183,000
Other store machinery	—	939,000
Parts for office, store and business machinery	—	5,061,000
Printing and bookbinding machinery and parts	—	747,000
Pulp and paper industries machinery and parts	—	30,057,000
Refrigeration and air conditioning equipment:		
Refrigeration equipment:		
Household refrigerators:		
Household mechanical refrigerators, complete units (electric and gas), all sizes	269,213	47,443,000
Steel cabinets for mechanical refrigerators	2,256	211,000
Self-contained units:		
Milk coolers, all sizes	696	127,000
Ice-cream cabinets, all sizes	3,160	1,296,000
Beverage coolers, all sizes	7,265	2,525,000
Water-coolers, all sizes	239	52,000
Freezers — Frosted food cabinets	108	46,000
— Home freezers, all sizes	12,691	3,176,000
Fixtures:		
Display cases, normal temperature	2,809	2,227,000
Low-temperature refrigerators	817	675,000
Reach-in refrigerators (remote only)	472	217,000
Sectional walk-in coolers, all types	457	751,000
Self-contained commercial refrigerator products:		
Display cases, all sizes	1,459	944,000
Reach-ins, all sizes	608	259,000
Evaporators:		
Unit cooler type, all sizes	—	1,079,000
Fin coils, all sizes	—	510,000
Ice-makers — Domestic — All other sizes	—	56,000
Compressors and condensing units:		
Domestic, for assembly in individual household cabinets	36,841	2,149,000
Commercial — Low pressure	2,531	556,000
— Ammonia		
Evaporative condensers:		
Low pressure	—	1,470,000
Ammonia	—	—
All other refrigeration equipment	—	8,788,000
Air conditioning equipment:		
Room air-conditioners, window type	3,541	1,024,000
Self-contained air conditioners, except window type — 2-5 h.p. Over 5 h.p.	235	312,000
Air conditioners — central plant — domestic	717	307,000
Other air conditioning equipment, including parts, components and accessories	—	3,459,000
Service industry equipment (including vending machines):		
Commercial laundry and dry cleaning equipment	—	1,979,000
Vending machines	—	163,000
Service station and garage equipment:		
Auto lifts	2,661	1,598,000
Gasoline-dispensing pumps	9,595	3,909,000
Other garage equipment	—	812,000
Other service industry machinery	—	2,435,000
Ship's machinery and fittings (except winches)	—	5,030,000
Textile industries machinery and parts	—	349,000

1. Included with "Other machine tools" to avoid disclosure of individual firms.
2. Included with "Other office and business machinery" to avoid disclosure of individual firms.
3. Included with "Other store machinery" to avoid disclosure of individual firms.

See note at end of table.

TABLE 6(b). Factory Shipments of Industrial, Household and Business Machinery, 1956 — Continued
(Data assembled from all industries)

Item	Quantity shipped No.	Value of factory shipments \$
Transmission equipment and bearings:		
Bearings, ball and roller, and parts	—	10,619,000
Cut tooth and cast tooth gears	—	2,659,000
Flexible couplings	—	778,000
Pulleys	—	531,000
Sprocket chain and drive chain	—	1,859,000
Speed reducer units	—	3,808,000
Other transmission machinery and parts	—	3,856,000
Water and sewage treatment equipment:		
Domestic water softeners	4,535	555,000
Other water and sewage treatment equipment and parts	—	1,867,000
Woodworking machinery (excluding power driven hand tools and home workshop tools):		
Band sawing machines	82	239,000
Lathes	143	21,000
Moulders	61	127,000
Planers	159	462,000
Rip and cross cut saws	308	89,000
Tenoners	81	108,000
Other wood-working machinery and parts	—	1,932,000
General purpose industrial machinery:		
Wrapping and packaging machinery and parts	—	1,210,000
Crushing, pulverizing, scouring and mixing machinery and parts	—	1,662,000
Other general purpose industrial machinery and parts	—	3,099,000
Ventilating, exhaust and dust-collecting equipment	—	8,953,000
Special industry machinery:		
Rubber-working machinery	—	1,801,000
Cement mill machinery	—	4,169,000
Saw-mill machinery, including lumber handling equipment	—	6,144,000
Logging, machinery	—	1,441,000
Grain elevator machinery	—	2,030,000
Other special industry machinery and parts	—	7,237,000
Electrical machinery:		
Converter equipment (excluding rectifiers):		
Motor-generator sets — A.C. to D.C.	374	2,494,000
Frequency changer sets — A.C. to A.C.	—	188,000
Parts and supplies for converter equipment	—	101,000
Generators and parts (excluding automobile generators, engine-driven generator sets and motor-generator sets):		
A.C.:		
187 k.v.a. and under, any speed	332	690,000
188 k.v.a. to 1000 k.v.a., any speed	43	249,000
A.C., 1001 k.v.a. and above, all speeds	50	9,838,000
D.C. and including exciters:		
Under $\frac{1}{4}$ k.w.	180	4,000
1 k.w. to 1000 k.w.	124	1,149,000
1001 k.w. and over	—	435,000
Accessories and parts for generators	—	
Electric motors and parts:		
Single phase induction:		
$\frac{1}{2}$ h.p. & under (excluding shaded pole and universal)	1,173,545	15,916,000
$\frac{1}{2}$ h.p. & $\frac{3}{4}$ h.p.	80,382	2,569,000
1 h.p. to 5 h.p. inclusive — open	14,258	1,263,000
enclosed	1,339	119,000
Polyphase induction:		
$\frac{1}{2}$ h.p. & under (excluding shaded pole and universal)	4,550	112,000
$\frac{1}{2}$ h.p. & $\frac{3}{4}$ h.p.	11,638	477,000
1 h.p. to 5 h.p. inclusive — open	23,826	1,933,000
— enclosed	11,924	1,137,000
D.C.:		
$\frac{1}{2}$ h.p. & under (excluding shaded pole and universal)	501,429	1,539,000
$\frac{1}{2}$ h.p. & $\frac{3}{4}$ h.p.	168	14,000
1 h.p. to 5 h.p. inclusive	176	54,000
Polyphase induction:		
6 h.p. to 25 h.p. inclusive — open	12,541	2,548,000
enclosed	6,853	1,925,000
26 h.p. to 100 h.p. inclusive — open	2,477	2,022,000
enclosed	1,845	1,581,000
101 h.p. to 200 h.p. inclusive — open	683	1,383,000
enclosed	241	754,000
201 h.p. to 1,000 h.p. inclusive	454	3,691,000
1,001 h.p. & over	—	

See note at end of table.

TABLE 6(b). Factory Shipments of Industrial, Household and Business Machinery, 1956 — Concluded
 (Data assembled from all industries)

Item	Quantity shipped	Value of factory shipments		
			No.	
				\$
Electrical machinery — concluded:				
Electric motors and parts — concluded:				
D.C.				
6 h.p. to 25 h.p. inclusive	326	395,000		
26 h.p. to 100 h.p. inclusive	365	960,000		
101 h.p. to 200 h.p. inclusive	60	167,000		
201 h.p. to 1,000 h.p.			1,944	10,516,000
1,001 h.p. & over				
Railway and vehicle motors, A.C. & D.C.			361,016	1,614,000
Shaded pole type motors, all ratings				
Universal type motors, all ratings				
Synchronous motors & condensers:				
200 h.p. or K.V.A. and under	61	402,000		
201 h.p. to 1,000 h.p. or K.V.A.	128	1,245,000		
1,001 h.p. or K.V.A. and over	62	2,015,000		
Accessories and parts for motors				2,958,000
Electrical appliances, motor driven, not elsewhere specified, including shavers, fans, hair clippers food mixers, electric clocks, etc.				14,731,000
Welding machinery, electric				5,540,000
Miscellaneous machinery:				
Blowers for domestic furnaces	120,846	1,907,000		
Cream separators	695	68,000		
Gas conversion burners	7,547	571,000		
Lawn mowers:				
Hand	17,985	175,000		
Power	122,052	5,607,000		
Oil burners, power:				
Domestic	122,675	10,626,000		
Commercial and industrial	956	763,000		
Power tools, hobby and home workshop				
Saws, power chain, and parts				1,703,000
Stokers:				
Domestic	660	157,000		
Commercial and industrial	670	1,218,000		
All other machinery and parts, not separately specified				22,117,000
Total machinery and parts				686,317,000

Note: Because of changes in classification, totals for some of the items shown in Table 6(b) and the grand total are not strictly comparable with those shown for 1955 and earlier years.

TABLE 7. Principal Statistics of the Machinery Industry in Canada, Classified According to Type of Ownership, 1955 and 1956

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1955					
Individual ownership	45	325	911,662	963,385	2,374,476
Partnerships	17	162	532,117	820,049	1,649,431
Incorporation companies	346	32,821	117,787,313	151,192,112	364,400,527
Total	408	33,308	119,231,092	152,975,546	368,424,434
1956					
Individual ownership	41	332	944,671	1,069,702	2,703,435
Partnerships	17	187	544,367	749,653	1,668,709
Incorporated companies	356	37,001	140,625,132	211,331,595	466,825,030
Total	414	37,520	142,114,170	213,150,950	471,197,174

TABLE 8. Principal Statistics of the Machinery Industry in Canada, Grouped According to size of Establishment, 1955 and 1956

Establishments reporting factory shipments	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1955					
Under \$10,000	20	31	51,664	27,775	88,733
\$10,000 to \$24,999	29	102	234,495	169,797	505,087
\$25,000 to \$49,999	46	316	815,144	622,260	1,643,456
\$50,000 to \$99,999	45	473	1,495,244	1,274,273	3,260,783
\$100,000 to \$199,999	65	1,176	3,853,918	3,880,216	9,522,074
\$200,000 to \$499,999	61	2,220	7,544,994	7,628,297	19,003,760
\$500,000 to \$999,999	53	3,627	12,911,961	16,366,396	38,158,197
\$1,000,000 to \$4,999,999	78	15,187	53,674,482	71,534,264	164,336,783
\$5,000,000 and over	11	9,762	36,732,843	51,472,268	131,905,561
Head offices	—	414	1,916,347	—	—
Total	408	33,308	119,231,092	152,975,546	368,424,434
1956					
Under \$10,000	20	26	33,710	37,140	96,535
\$10,000 to \$24,999	20	81	164,817	111,756	336,191
\$25,000 to \$49,999	31	169	465,139	430,740	1,108,659
\$50,000 to \$99,999	49	530	1,555,851	1,258,042	3,575,286
\$100,000 to \$199,999	72	1,290	4,370,270	4,211,776	10,404,060
\$200,000 to \$499,999	67	1,996	7,270,141	9,278,146	21,712,354
\$500,000 to \$999,999	47	3,137	11,585,593	16,203,951	35,594,829
\$1,000,000 to \$4,999,999	90	16,113	61,939,544	88,301,008	193,686,534
\$5,000,000 and over	18	14,112	54,265,138	93,318,391	204,682,726
Head offices	—	66	463,967	—	—
Total	414	37,520	142,114,170	213,150,950	471,197,174

TABLE 9. Employees and Earnings in the Machinery Industry, by Provinces, 1955 and 1956

Province	Number of employees					Earnings		
	Supervisory and office		Production and related workers		Total employees	Supervisory and office	Production and related workers	Total earnings
	Male	Female	Male	Female				
1955								
Newfoundland and New Brunswick	38	13	133	—	184	239,443	426,336	665,779
Nova Scotia	7	6	76	—	89	63,458	159,916	223,374
Quebec	2,417	926	6,935	443	10,726	13,064,264	22,770,383	35,834,647
Ontario	4,117	1,692	13,025	943	19,777	24,763,114	48,382,373	73,145,487
Manitoba	99	34	261	1	395	454,615	811,689	1,266,304
Saskatchewan	19	9	109	—	137	131,770	318,107	449,877
Alberta	41	15	211	2	289	247,970	690,799	938,769
British Columbia	281	119	1,252	79	1,731	1,857,021	4,849,834	6,706,855
Canada	7,019	2,814	22,002	1,473	33,308	40,821,655	78,409,437	119,231,092
1956								
Newfoundland and Nova Scotia	24	11	174	—	209	147,426	477,785	625,211
New Brunswick	19	5	115	5	144	124,954	328,335	453,290
Quebec	2,347	856	7,496	395	11,094	13,411,965	27,844,224	41,256,189
Ontario	4,821	1,934	15,085	1,108	22,948	28,691,058	59,414,340	88,105,398
Manitoba	99	35	297	5	436	565,039	931,114	1,496,153
Saskatchewan	21	10	127	—	158	92,827	402,550	495,377
Alberta	48	18	226	2	294	293,922	827,943	1,121,865
British Columbia	347	142	1,633	115	2,237	2,135,943	6,424,744	8,560,687
Canada	7,726	3,011	25,153	1,630	37,520	45,463,134	96,651,036	142,114,170

TABLE 10. Production Workers, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
	Number					
January	21,120	1,374	22,494	23,058	1,531	24,589
February	21,184	1,406	22,590	23,157	1,561	24,718
March	21,268	1,436	22,704	23,670	1,606	25,276
April	21,416	1,442	22,858	24,458	1,627	26,085
May	21,631	1,447	23,078	25,034	1,638	26,672
June	21,950	1,457	23,407	25,488	1,636	27,124
July	21,888	1,460	23,348	25,630	1,636	27,266
August	22,445	1,483	23,928	25,847	1,636	27,483
September	22,717	1,503	24,220	25,958	1,616	27,574
October	22,924	1,561	24,485	26,601	1,722	28,323
November	22,770	1,570	24,340	26,597	1,704	28,301
December	22,666	1,561	24,227	26,463	1,714	28,177
Average	22,002	1,473	23,475	25,153	1,630	26,783

TABLE 11. Capital and Repair Expenditures in the Machinery Industry, 1952-1956

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
		\$'000		\$'000	\$'000		
1952	9,326	11,292	20,618	2,130	4,896	7,026	27,644
1953	8,090	9,635	17,725	1,921	5,291	7,212	24,937
1954	4,164	9,731	13,895	1,720	4,544	6,264	20,159
1955	3,853	8,917	12,770	1,835	4,849	6,684	19,454
1956 ¹	5,865	12,431	18,296	1,899	5,063	6,962	25,258

1. Preliminary.

TABLE 12. Fuel and Electricity Used¹ in the Machinery Industry, 1956

Kind		Quantity	Cost at plant
			\$
Bituminous coal (a) From Canadian mines	ton	14,416	201,196
(b) Imported	"	26,754	329,431
Sub-bituminous coal (from Alberta mines only)	"	415	2,604
Anthracite coal	"	8,502	121,865
Lignite coal	"	725	5,762
Coke (for fuel only)	"	2,904	78,182
Gasoline, (including gasoline used in cars and trucks)	Imp. gal.	867,434	338,076
Kerosene or coal oil	"	22,436	5,537
Fuel oil	"	9,353,323	1,229,422
Gas (a) Liquefied petroleum gases (propane, etc.)	"	98,083	20,276
(b) Other manufactured gas	1,000 cu. ft.	59,700	62,506
(c) Natural gas	"	73,314	71,596
Other fuel	—	—	17,588
Electricity purchased	kwh.	151,772,592	1,849,507
Total	—	—	4,333,548

1. Last reported in 1953.

Directory of Firms Included in the Machinery Industry, 1956

Name of firm	Location of plant
(a) Household, Office and Store Machinery	
New Brunswick:	
Sussex Refrigeration Co. Ltd.	Sussex
Quebec:	
Alpha Sewing Machine Co. of Canada, Reg'd.	99 Van Horne, Montreal
Arrow Sewing Machine Co. Ltd.	754 Wellington, Montreal
Associated Clock Industries, Limited	298 Charon St., Montreal
Blanchard Industries Reg'd.	7779 Casgrain, Montreal
Blank, Wm., Mfg. Co.	4677 City Hall, Montreal
Canada's Best Refrigeration equipment	8607 Notre Dame St. E., Montreal
Canadian Fairbanks-Morse Company, Limited	980 St. Antoine St., Montreal
Canadian Super Cold Ltd.	1045 Laurier Ave. W., Outremont
Connor, J.H., & Son, Ltd.	211 Montcalm St., Hull
Electro Metals Industries Reg'd.	34 Grosford, Iberville
Fabien, C.F., Ltd.	2471 St. Cunegonde St., Montreal
Fabien Glaciere	8111 Vinet, Montreal
Fenton Needlecraft Machines Ltd.	2580 Wurtele St., Montreal
Gauvin, Jos.	220 Rue Lee, Quebec
Linde-Hall Canadian Refrigeration Co. Ltd.	5031 Cote de Liesse Road Montreal
Lite, A.R., Mfg. Co.	2635 Aird Ave., Montreal
New Williams Mfg. Co. Ltd., The	2740-50 Notre Dame St. E., Montreal 4
Pantex Manufacturing (Canada) Ltd.	3556 St. Lawrence Blvd., Montreal
Royal Typewriter Company, Limited	7035 Park Ave., Montreal 15
Shefford Furniture Ltd.	West Shefford
Singer Mfg. Co.	165 St. Paul St., St. Johns
St. Johns Sheet Metal Ltd.	122 rue Jacques Cartier, St. Johns
Super Industries Co. Reg'd.	252 Mozart St. E., Montreal
Verdun Machine Shop Reg'd.	580 Rothsay St., St. Lambert, Chamby Co.
Ontario:	
Atlantic Service Company, Limited	62-66 Howden Rd., Scarborough
Beatty Bros. Limited	Hill St., Fergus
Better Packages of Canada, Limited	250 Adelaide St. W., Toronto
Bissell Carpet Sweeper Co. of Canada Ltd.	Drummond Rd. & Murray St., Niagara Falls
Blakeslee, G.S., & Company, Limited	18 Cranfield Rd., Toronto
Brantford Washing Machines, Limited	14 Grey St., Brantford
Burroughs Machines, Limited	804 McDougall St., Windsor
Canada Vulcanizer & Equipment Co. Ltd.	1109 York St., London
Canadian Business Machines Ltd.	5495 Dundas St. W., Toronto 18
Canadian Ice Machine Company, Limited	65 Villiers St., Toronto
Canadian Laundry Machinery Company, Limited	47-93 Sterling Road, Toronto 3
Canadian Scale Company, Limited	41 Ossington Ave., Toronto
Clary Multiplier of Canada Ltd.	102 Laird Drive, Toronto
Coffield Washer Company, Limited	77-91 Niagara St., Hamilton
Coulter, J., Co. of Toronto Limited	45 Thora Ave., Scarborough
Ditto of Canada, Ltd.	32 Mendota Rd., Toronto 14
Easy Washing Machine Company, Limited	Miranda & Schell Aves., Toronto 10
Fairgrieve & Son Limited	44 Dovercourt Road, Toronto
Frozenaire Cooler Company	Glenridge Ave., St. Catharines
Gurney Scale Company, Limited	6 Colborne St., Hamilton
Heavy Duty Products	635 Laurel St., Preston
Hobart Manufacturing Company, Limited	175 George St., Toronto 2
Hobart Manufacturing Company, Limited	Bay Shore Rd., Owen Sound
Hussmann Refrigerator Co. Ltd.	Frank St. & Webster Sts., Brantford
Ideal Vendor Co., of Canada, Ltd.	Main St., Deseronto
Ingles, John, Co. Limited	14 Strachan Ave., Toronto 3
International Business Machines Company, Limited	Don Mills Road, Toronto 6
Maxwells Limited	73 Park St., St. Marys
McCaskey Systems, Limited	Beverly St., Galt
Milner, Edward, Co. Ltd.	311 Pharmacy Ave., Toronto 13
National Cash Register Co. of Canada, Limited	222 Lansdowne Ave., Toronto 3
Northern Eureka Refrigerator Co. Ltd.	260 Main St. S., Weston
Ontario Refrigeration Enterprises	Omemee
Perrin-Turner Limited	34 Mendota Rd., Toronto 14
Pitney-Bowes of Canada, Ltd.	1156 Bay St., Toronto 5
Provincial Butchers Machinery Co. Limited	393A Arlington Ave., Toronto 10
Remington Rand, Limited	301 Sherman Ave. N., Hamilton
Scale, E.W., Co. Ltd.	5 Six Points Road., (Toronto 18)
Simplicity Products Limited	125 Quelph Ave., Hespeler

Directory of Firms Included in the Machinery Industry, 1956 — Continued

Name of firm	Location of plant
(a) Household, Office and Store Machinery — concluded	
Ontario — concluded:	
Smith — Corona Canada, Ltd.	30 Bertrand Ave., Toronto
Stathmos Scale Mfg. Ltd.	417 Birchmount Rd., Toronto
Steamarvel Co.	129 Spadina Ave., Toronto
Thor Industries Limited	75 Brown's Line, Toronto 14
Toledo Scale Co. of Canada, Ltd.	2462 Howard Ave., Windsor
Underwood Manufacturing Company, Limited	375 Madison Ave., Toronto
White Mop Wringer Co. of Canada	Paris
Manitoba:	
Bell Refrigerator Co. Ltd.	1760 Sargent Ave., St. James
British Columbia:	
Gair, Alex	955 East Hastings St., Vancouver
Skinner, Thomas & Son, Limited	51 W. Cordova St., Vancouver 4
(b) Machine Tools	
Ontario:	
Bertram, John, & Sons Company, Limited	15 Hatt St., Dundas
Blow Press Limited	153 Bower Ave., Acton
Brown Boggs Foundry & Machine Company, Limited	275 Sherman Ave. N., Hamilton
Canada Machinery Corporation, Limited	19 Concession St., Galt
Ford-Smith Machine Company, Limited	925 Barton St. E., Hamilton
McDougall, R., Company, Limited	50 Chapman St., Galt
Peerless Machine & Tool Company, Limited	47-59 Duke St., Guelph
Standard Modern Tool Co. Ltd.	69 Montcalm Ave., Toronto 10
Standard Modern Tool Co. Ltd.	3030 Walker Rd., Sandwich East Twp.
Rite Tool Company Ltd.	1650 Langlois Ave., Windsor
Whitehall, Harry W., Limited	Galt & Hespeler
(c) Machinery, N.E.C.¹	
Newfoundland:	
Barnes Marine Engines	St. John's
Canadian Machinery & Industry Construction Ltd.	Topsail Rd., St. John's
Nova Scotia:	
Acadia Gas Engines, Limited	King St., Bridgewater
Hawboldt Gas Engines Ltd.	Chester
Oxford Foundry and Machine Company, Limited	Foundry St., Oxford
New Brunswick:	
Lauder, Rudolph W.	Hillsborough
Northern Machine Works Limited	Main St., Bathurst
Quebec:	
All Canada Engineering Co. Ltd.	960 Lafayette Ave., Montreal South
American Air Filter of Canada Ltd.	400 Stinson Blvd., Montreal 9
Automatic Dispensers Mfg. Ltd.	7501-18 th Ave., Ville St., Michel, Montreal 28
B.G. Manufacturing Ltd.	146 Bates Rd., Outremont
Braidwood, John, and Sons, Limited	60-66 Nazareth St., Montreal
Canadian Allis-Chalmers Ltd.	125 St. Joseph St., Lachine
Canadian Ingersoll-Rand Company, Limited	375 Courcellette St., Sherbrooke
Cement Block & Machinery Supply Reg'd.	227, rue Royal, Sorel
Comar Manufacturing Co. Reg'd.	2100 St. Clement, Montreal 4
Coté, Eugene, Co.	Chateauguay Bassin
Coté Bros. & Burritt Ltd.	1280 Conde St., Montreal
Coté, Jos., Inc.	St. Ephrem

Directory of Firms Included in the Machinery Industry, 1956 — Continued

Name of firm	Location of plant
(c) Machinery, N.E.C.¹ — continued	
Quebec — concluded:	
Crammond & Son, Limited	4865 Dagenais St., Montreal 30
Cusson Frères Ltée	5759 Hochelaga St., Montreal
Darling Brothers, Limited	140 Prince St., Montreal
Desro Enrg.	2399 Royale, Three Rivers
Dominion Engineering Works, Limited	1st Avenue, Lachine
Farr Company Manufacturing Ltd.	105 Port Royal St. W., Montreal 12
Forano Limited	St. Paul St., Plessisville
G.E. St. Pierre & Fils Ltée	St. Germain de Grantham
Gosselin, J.A., Co. Limited	301 Herbert St., Drummondville
Hall Machinery of Canada Ltd.	124 Grandes Fourches St. S., Sherbrooke
Har-Pur Products Ltd.	48-14th St., Noranda
Hollinger Machine Co. Ltd.	9800 St. Urbain St., Montreal
Hydraulic Machinery Co. Ltd.	1243 Dorion St., Montreal
Jeffrey Mfg. Co. Limited	300 St. Patrick St., Ville La Salle
L'Air Liquide	2269 Viau St., Montreal
La Compagnie F.X. Drolet	245 Dupont St., Quebec
La Fonderie St. Anselme Ltée	St. Anselme Station
La Fonderie Trottier Inc.	St. Casimir
Les Scies Mercier Ltée	26 Côté Fréchette, Lévis
Machinerie Etchemin Enrg.	23 rue Jacques-Cartier, St-Romuald
Messely & Fils Enrg.	495-2iéme ave., Québec
Montreal Gear Works Ltd.	3425 Montgomery St., Montreal
Montreal Shoe Machinery Company, Limited	535 Ontario St. E., Montreal
Moody, M., & Sons Ltd.	Terrebonne
Nagle Elevator Company, Reg'd	1085 Chenneville St., Montreal
National Electric Refrigerator Ltd.	Montmagny
N.C. Refrigeration & Store Fixtures Reg'd.	1795 Hinland, Ville Jacques Cartier
Faquin, Alph., & Fils	568, rue St-Antoine, Joliette
Peacock Bros. Ltd.	260 St-Patrick St., Ville La Salle
Peltier Handling Equipment Company, Limited	4285 Notre Dame E., Montreal
Poitras, Jos., et Fils Ltée	L'Islet Station
Pulp & Paper Mill Accessories, Limited	6139 Coté de Liesse Rd., Ville St. Laurent
Rock Industries of Canada, Ltd.	Normandy Blvd., Farnham
Ross Engineering of Canada, Limited	304 St. Patrick St., Ville La Salle
Rubenstein Bros. Company	50 Craig St. W., Montreal
Sepco Electric Products Corp.	422 McGill St., Montreal
Sherbrooke Machineries, Limited	800 Randrill St., Sherbrooke
Southern Industries, Limited	391 Theberge St., Marleville
Technical Accessories Limited	5595 Fullum St., Montreal
Thibault, Pierre	Pierreville
United Shoe Machinery Company of Canada, Limited	2610 Bennett Ave., Montreal
Vessot, S., & Cie., Limitée	603 Querbes Blvd., Joliette
Victory Tool & Machine Company, Ltd.	236-250 Rose de Lima, Montreal
Wilson Machine Company, Limited	161 Nazareth St., Montreal
Ontario:	
Adams, J.D., Limited	Adams Ave. and Spruce St., Paris
Albany Pump Company	840 King St., Toronto
American Can Company	Lewis Ave., Niagara Falls
American Marsh Pumps (Canada) Ltd.	286 Monteith Ave., Stratford
American Standard Products (Canada) Ltd.	310 East Ellis St., Windsor
A.P.V. Canada Equipment Ltd.	56 Charles St., Newmarket
Anderson, J.W. Co. Ltd.	Head St., Dundas
Ardelt Industries of Canada Ltd.	181 Henry Sturm Blvd., Kitchener
Armstrong, S.A., Limited	1400 O'Connor Drive, Toronto 13
Ashton Press Mfg. Co. Ltd.	60 Beech St., Ottawa
Atlas Engineering and Machine Company Limited	16 Eastern Ave., Toronto 2
Austin, A., Industries, Limited	51 Kipling Ave. S., Toronto
Baer Elevator Supplies Limited	50 Pearl St., Toronto
Barber, C., & Sons	Bayfield St., Meaford
Barber-Greene Canada, Limited	Barber-Greene Rd., Toronto
Bata Engineering Div. of Bata Shoe Co. of Canada, Ltd.	Batawa
Bawden Industries, Limited	163 Sterling Road, Toronto
Beatty Machine & Tool Works	103 Crockford Blvd., Scarborough
Bettger Industries Ltd.	649 Ontario St., Stratford
B.L.M. Automatic Clutch Corp. of Canada, Ltd.	28 Covert St., Cobourg
B.L. Metal Products	139 King St. S., Waterloo
Bowser, S.F., Company, Limited	344 Sherman Ave. N., Hamilton

Directory of Firms Included in the Machinery Industry, 1956 — Continued

Name of firm	Location of plant
(c) Machinery, N.E.C. ¹ — continued	
Ontario — continued:	
Brantford Oven and Rack Company, Limited	Brock & Campbell Sts., Brantford
Brigden Manufacturing Co.	Hornby
Brunner Corporation (Canada) Limited	Peter St., Port Hope
Buckman Saw Grinder Mfg. Co.	Fort Erie
Burnside, Harry	442 King St. W., Toronto
Byron Jackson of Canada Ltd.	23 Bertrand Ave., Scarborough
Campbell & Perrin Machinery Ltd.	399 Breithaupt St., Kitchener
Canadian Blower & Forge Co. Ltd.	90 Woodside Ave., Kitchener
Canadian Industrial Engineering	7 Raleigh Ave., Toronto 13
Canadian Longyear, Limited	1111 Main St. W., North Bay
Canadian Mechanical Handling Systems Ltd.	Marentette Ave., Windsor
Canadian Mines Equipment Company, Limited	596 Hamilton Road, London
Canadian Monorail Co. Ltd.	151 Water St., Galt
Canadian Pneumatic Tool Co. Ltd.	198 Evans Ave., Toronto 14
Canadian SKF Co. Ltd.	2201 Eglinton Ave. E., Scarborough
Canners' Machinery, Limited	Wellington Heights, Simcoe
Chain Belt (Canada) Ltd.	1181 Sheppard Ave. E., Willowdale
Clarke, D.R., Engine Co. Ltd.	2462 Dufferin St., Toronto
C.L.C. Machinery Company	196 Grant Ave., Hamilton
Climax Baler Company, Limited	43-53 Burton St., Hamilton
Cober Elevator Manufacturing Company	137 Roncesvalles Ave., Toronto
Cochrane Water Conditioning Ltd.	1355 Martin Grove Rd., Rexdale
Colville Industries Ltd.	337 Richmond St., Chatham
Cooke & Denison Limited	31 Yarmouth St., Guelph
Cooper-Chapman Ltd.	23 Sable St., Toronto 15
Cowan and Company of Galt Limited	70 N. Water St., Galt
Crane Carrier Canada Ltd.	3 Parnell Ave., Toronto
Crown Controls Mfg., Ltd.	139 Dundas St., Kitchener
Dalby Machine Shop	45 Forsyth St. S., Oakville
Day Co. of Canada Ltd., The	N. Vickers St., Fort William
Day Co. of Canada, Ltd., The	15 Brydon Drive, Toronto
Delamere & Williams Company, Limited	35 Carson St., Toronto 9
Dept. of Transport, Marine Services Branch	King St. W., Prescott
De Vilbiss (Canada) Ltd.	Wood St., Barrie
Dillon, Thomas A., Limited	2775 Dufferin St., Toronto
Dodge Mfg. Division of United Steel Corp. Ltd.	58 Pelham Ave., Toronto
Dominion Auto-Drive, Limited	3500 Ontario St., Windsor
Dominion Road Machinery Company, Limited	Maitland Road, Goderich
Dominion Rubber Company, Limited	Elm St., Kitchener
Don Transmission & Conveyors, Ltd.	65 Crockford Blvd., Toronto
Douglas Brown & Campbell, Limited	Melbourne
Dundas Foundry & Engineering Co.	31 Charles St., Hamilton
Elevator Specialty Co. Ltd.	39 Duchess St., Toronto 2
Epps Manufacturing Ltd., C.H.	Clinton
Excello Corporation of Canada Ltd.	120 Weston Rd., London
Factory Equipment, Ltd.	Berezy St., Aurora
Fastcut Bits Limited	Lakeshore Road, Ferris
Fellows, J.A., and Company	27 Jarvis St., Brantford
Fenney, Thos. H., Machinery & Tools	635 Glebeholme Blvd., Toronto 6
Fiorentini Canada Ltd.	Rexdale Blvd., Toronto 15
Fischer Bearings Mfg. Ltd.	Ontario St., Stratford
Fisher & Ludlow, (Canada) Ltd.	Ajax
Fisher Gauge Works, Ltd.	194 Sophia St., Peterborough
Fleck, Alexander, Ltd.	416 Wellington St., Ottawa
Foreman Marine & Pump Ltd.	155 Kipling Ave. S., Toronto
Fraser, Kenneth S., Co. Ltd. (Industrial Truck Div.)	960 Eastern Ave., Toronto
Gardner-Denver Co. (Canada) Ltd.	Brantford
Gault Elevator Company, Limited	463 Church St., Toronto
Gilbert and Barker Manufacturing Company, Limited	64 Jefferson Ave., Toronto
Glider Guard Manufacturing Co. Ltd.	1151 Tecumseh Rd. W., Windsor
Goodwin Chuck Company, Limited	260 Colborne St., Brantford
Greely Mixing Equipment, Ltd.	100 Miranda Ave., Toronto
Halton Mfg. Co. Ltd.	Rockwood
Hamilton Gear and Machine Company Ltd.	950 Dupont St., Toronto
Hammer Pump Co.	Shelburne
Hastings Machine Tools Ltd.	600 Montrose Road, Niagara Falls
Heath and Sherwood Limited	6 Duncan Ave., Kirkland Lake
Hubbard Portable Oven Company of Canada, Limited	154 Duke St., Toronto 2
Involute Gear Co.	321 Howland Ave., Toronto

Directory of Firms Included in the Machinery Industry, 1956 — Continued

Name of firm	Location of plant
(c) Machinery, N.E.C. ¹ — continued	
Ontario — continued:	
Jackson-Cochrane, Division Beisinger Industries Ltd.	16 Victoria St. N., Kitchener
Jacuzzi Universal (Canada) Ltd.	Rexdale Blvd., Rexdale
Jaegar Machine Co. of Canada Ltd.	Gaylord Rd., St. Thomas
Joy Manufacturing Company (Canada) Ltd.	175 Beverly St., Galt
Kennedy, William, & Sons Limited	1144-1st Ave. W., Owen Sound
King, G.W. of Canada, Ltd.	937 Cumberland Ave., Burlington
Kingsville Pump & Machine Co. Ltd.	Kingsville
Koehring Waterous Ltd.	South Market St., Brantford
La France Fire Engine and Foamite, Limited	195 Weston Road, Toronto
Lau Blower of Canada, Ltd.	150 Borden Ave. S., Kitchener
Leitch, Arthur S., Company, Limited	33 Torbarrie Rd., Weston
Link-Belt Ltd.	1960 Eglinton Ave. E., Toronto
Loach, S.W., & Son, Ltd.	731 Eastern Ave., Toronto
London Concrete Machinery Company, Limited	980 Roselawn Ave., Toronto
Long, Dorr-Oliver, Limited	Corner Cabell & Kitchener Ave., London
Mahaffy Iron Works Company, Ltd.	174 West St. S., Orlilia
Marsland Precision Equipment Ltd.	145 Kendal Ave., Toronto
Mathews Conveyer Company, Limited	230 Regina St. N., Waterloo
McDonald, K.R., Knitting Machines	South John St., Port Hope
McGuire Industries Ltd.	45 Market St., Georgetown
McInnis, C.H., Company Limited	Davis Drive E., Newmarket
McKechnie, James A., Limited	2500 Central Ave., Sandwich East
McLachlan, John, Foundry	61 Raleigh Ave., Toronto 13
Midland Foundry & Machine Co. Ltd.	Laidlaw St. N., Cannington
M.N. Automation Ltd.	223-225 Bay St. W., Midland
Morris, Herbert, Crane & Hoist Co., Limited	41 Densley Ave., Toronto 15
Morse Chain of Canada Ltd.	Stanley Ave., Niagara Falls
Nagy, Alex J., Co.	385 Second Ave., Simcoe
National Equipment Company, Limited	4342-1st Line W., Cooksville
New Ontario Machine Works, Limited	41 Wabash Ave., Toronto
Northern Crane & Hoist Works Limited	271-1st Ave., Timmins
Odd, H., Centerless Grinding Limited	1428 Argyle Road, Windsor
Oil Well Supply Company, Limited	809 Victoria St. N., Kitchener
Opal Manufacturing Company	Robert St., Petrolia
Otis Elevator Company, Limited	526 Bay St., Toronto
Outboard Marine & Manufacturing Co. of Canada, Limited	Victoria Ave. N., Hamilton
Paasche Airbrush (Canada) Ltd.	Peterborough
Paramount Gear Works Ltd.	864 Page Ave., Toronto
Parkhill Machinery Co. Ltd.	1247 Lawrence Ave. W., Weston
Patterson Foundry & Machine Company (Canada) Ltd.	Parkhill
Pendrith Machinery Company, Limited	250 Danforth Road, Toronto
Perrin, Wm. R., Limited	775 King St. W., Toronto 2B
Phin Sales Co.	530 King St. E., Toronto 2
Pinder Bros.	26 Lipton Ave., Toronto
Plewes-Jackson Engineering, Limited	2 Otonabee, Willowdale
Pneuma-Serve Limited	58 Fraser Ave., Toronto 3
Power Lawn Mowers Ltd.	42 Queen Elizabeth Blvd., Toronto 14
Precision Gear Canada Limited	1161 King St., London
Premier Engineering	123 Manville Road, Scarborough
Preston Woodworking Machinery Company, Limited	86 Tycos Drive, Toronto
Price Machine Products	Preston
Process Equipment Mfrs. Ltd.	Norfolk St. W., Simcoe
Provincial Engineering Limited	25 Hale St., London
Pumps & Softeners, Limited	674 Ferguson St., Niagara Falls
Rapistan Canada Ltd.	680 Waterloo St., London
Reliance Tool & Die Castings Ltd.	888 Dupont St., Toronto
Richardson, C., and Company, Limited	217 Henry St., Brantford
Richmond Industrial Equipment, Limited	St. Marys
Rightmayer Machine Co.	441 Adelaide St. W., Toronto
Roberts, F.W., Manufacturing Company of Canada, Limited	22 Fullerton Ave., Hamilton
Roberts, William, Ltd.	473 Buttrey St., Niagara Falls
Rock Drill Rod Co., Ltd.	120 Lombard St., Toronto
Rockwell Mfg. of Canada Ltd.	25 Edgar Ave., Weston
Roelofson Elevator Company, Limited	100 Crimea St., Guelph
Sandy Road Equipment Limited	5001 Dundas St. W., Toronto
Scott Enterprises	Victoria St., Goderich
Seagrave, King, Ltd.	# 11 Highway N., North Bay
Shaw Francis (Canada) Ltd.	Dundas St. East, Woodstock
	Grahams Lane, Burlington

Directory of Firms Included in the Machinery Industry, 1956—Continued

Name of firm	Location of plant
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(c) Machinery, N.E.C.¹ — continued**Ontario — concluded:**

Shearing Elbow Machinery	16 Concession St. W., Tillsonburg
Sheldons Engineering Limited	96 Grand Ave. S., Galt
Simpson Bros. Machine Co. Ltd.	4530 Kingston Road, West Hill
Smart-Turner Machine Company, Limited	191 Barton St. E., Hamilton
Smith and Travers Company, Limited	208 Walnut St., Sudbury
Sta-Rite Pumps, (Canada) Ltd.	Fairall St., Ajax
St. Lawrence Engine Company, Limited	10 St. Andrew St., Brockville
Stratford Machine & Tool Co.	684 Ontario St., Stratford
Sparkler International, Ltd.	1115 Castlefield Ave., Toronto
Stephens-Adamson Mfg. Co. of Canada Ltd.	30 Franklin St., Belleville
Stevens Company of Galt Ltd.	12 Rose St., Galt
Sturtevant Company of Canada Ltd., B.F.	Middleton St., Galt
Super Oil Seal Mfg. Co. Limited	508 Wellington St. N., Hamilton
Tecalemit (Canada) Ltd.	Rexdale Blvd., Rexdale
Timberland Machines Limited	Devonshire Rd., Woodstock
Timken Roller Bearing Co.	1055 Talbot St., St. Thomas
Torrington Mfg. Co. of Canada Ltd.	201 Speers Rd., Oakville
Tortex Machine Works Ltd.	485 Wellington St. W., Toronto
Turnbull Elevator Company, Limited	126 John St., Toronto
Universal Logloaders Ltd.	296 Kendall Ave., Eastview
United Steel Corporation, Limited	317 King St., Welland
Viceroy Manufacturing Co., Ltd.	1655 Dupont St., Toronto 9
Viking Pump Company of Canada, Limited	661 Grove Ave., Windsor
Vokes (Canada) Ltd.	3801 Dundas St. W., Toronto
Volta Manufacturing Co. Ltd.	Alexander St., Welland
Wallace & Tiernan Limited	925 Warden Ave., Scarborough
Waterloo Manufacturing Co. Ltd.	67 King St. S., Waterloo
Water Softening Equipment Ltd.	112 Manville Rd., Scarborough
Watson, John, Mfg. Co. Ltd.	Ayr
Wayne Pump Company	829 Richmond St. W., Toronto
Webb, Jervis B., Co. of Canada Ltd.	715 Beach Rd., Hamilton
Webster Air Equipment Co. Limited	1161 King St., London
Wellman, S.K., Co. of Canada Ltd.	208 Bartley Drive, O'Connor Drive, Toronto 16
Westco Pump & Engineering, Limited	7 Stewart St., Toronto
Williams Machines, Limited	311 Montrose St., Preston
Williams Tool Corp. of Canada Ltd.	# 2 Highway East, Brantford
Wood, John, Co. Ltd.	101 Hanson St., Toronto 6
Worthington (Canada) 1955 Ltd.	Highway # 2, Brantford
Yates P.B., Machine Company, Limited	Cathcart & Robert Sts., Hamilton

Manitoba:

Alpha Manufacturing Company, Limited	Notre Dame & Midland, Winnipeg
Dauphin Products Ltd.	Second Ave. N.E., Dauphin
Hedley, Percy E., & Sons	Hamiota
Kipp-Kelly, Limited	68 Higgins Ave., Winnipeg
Krushel, L., & Sons	Morden
Made-Well Mfg., Co.	Sifton
Manitoba Gear Specialties	205 Osbourne, Winnipeg
McLean Machinery Co. Ltd.	125 Pacific Ave., Winnipeg
Midwest Mining Supplies Ltd.	866 King Edward St., Winnipeg 12
Monarch Machinery Co. Ltd.	889 Erin St., Winnipeg
Oshkosh Filter & Softener Co. (Canada) Ltd.	721 Assiniboine Ave., Brandon
Pydee Engineering Co. Ltd.	1018 Sherbrook St., Winnipeg
Roberts, William, Ltd.	120 Lombard St., Winnipeg
Sanisoft Limited	1530 Erin St., Winnipeg
Sprocket Service & Supply, Limited	1061 Notre Dame Ave., Winnipeg
Strong-Scott Limited	772-782 Dufferin Ave., Winnipeg

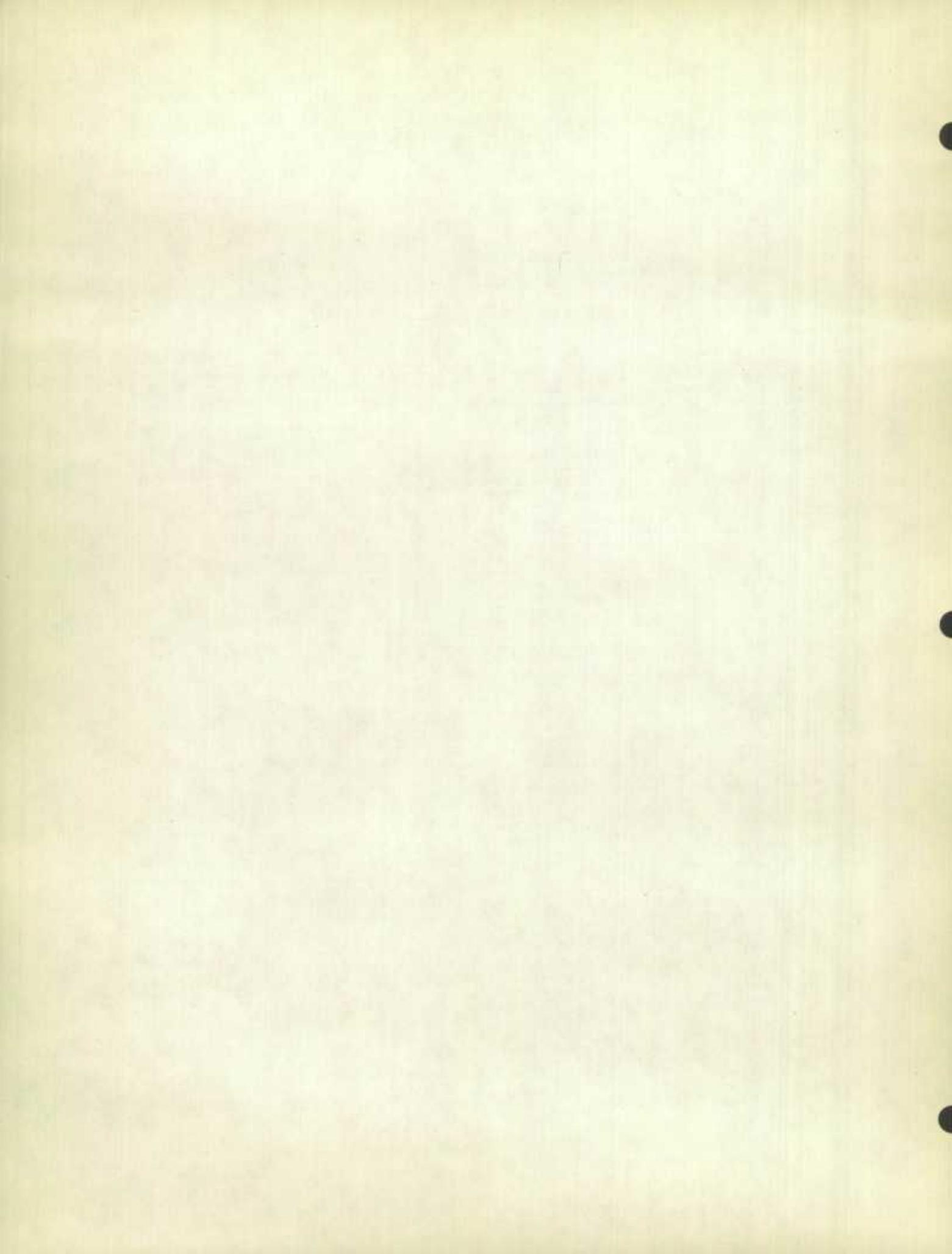
Saskatchewan:

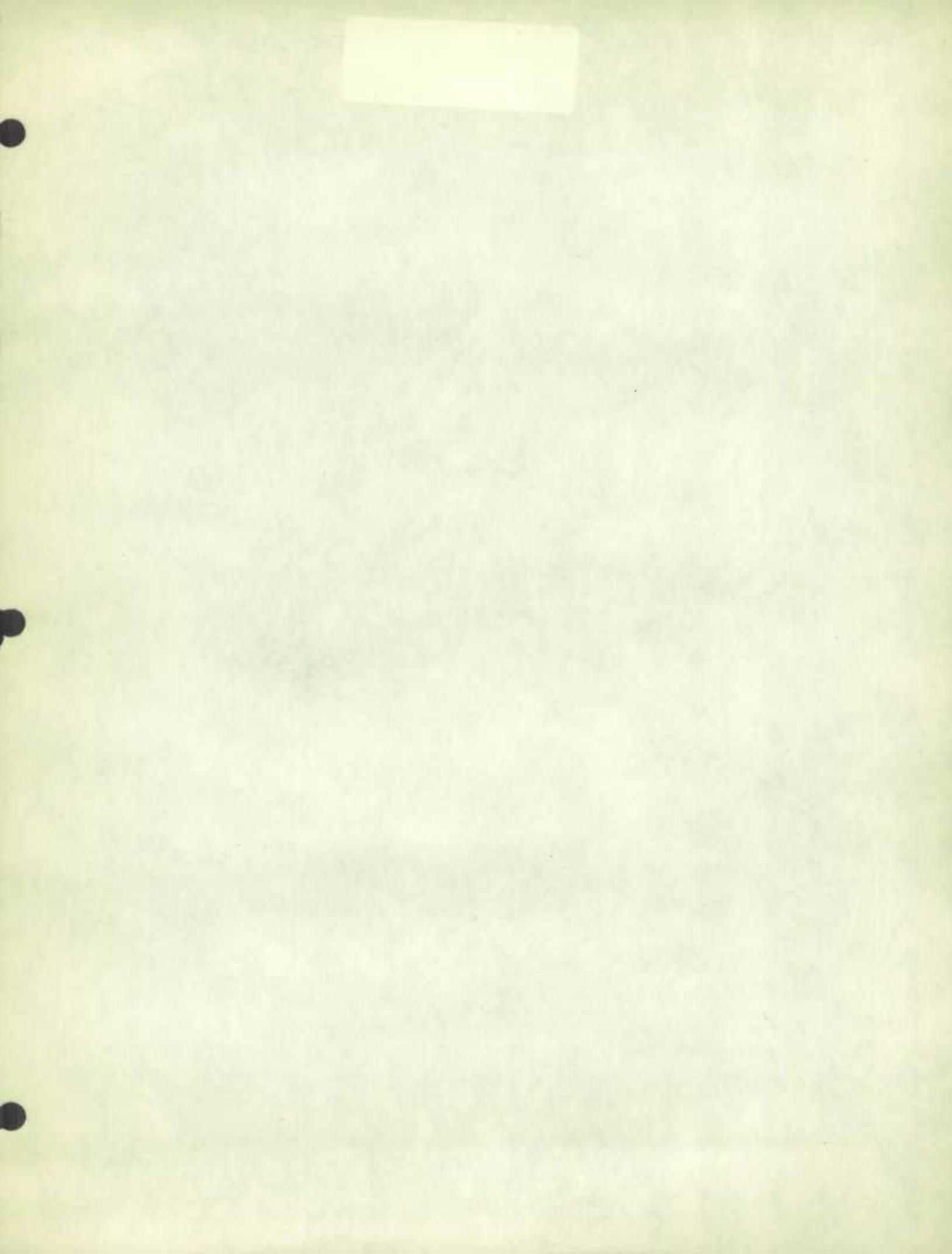
Canadian Well Supply Company Ltd.	Cor. Atkinson & Dewdney, Regina
Leach, J.R. & Son Limited	154-8th St., E., Prince Albert
Regal Softener Equipment	1322 Lorne St., Regina
Richardson Road Machinery Company Limited	112 Ave. 1 South, Saskatoon
Universal Grain Loader Company	2048 Toronto St., Regina
Western Machine & Engineering Limited	1201 Scarth St., Regina

Directory of Firms Included in the Machinery Industry, 1956 — Concluded

Name of firm	Location of plant
(c) Machinery, N.E.C. ¹ — concluded	
Alberta:	
Alco Machine Works Ltd.	6915-104th St., Edmonton
Coutts Machinery Company, Limited	9119 Stadium Road, Edmonton
Engineering Specialities	10462-82 Ave., Edmonton
Riverside Iron & Engineering Works Ltd.	803-24th Ave. S.E., Calgary
British Columbia:	
Allard Engineering, Limited	1031 Quebec St., New Westminster
Anderson Blowpipe & Mfg. Co. Ltd.	1213 Mitchell Rd., Vancouver
Alpha Engineering & Mfg. Ltd.	60 Braid St., New Westminster
Boyles Bros. Drilling Company, Limited	1291 Parker St., Vancouver
Canadian Mobile Co. Ltd.	400 Ewan Ave., New Westminster
Canadian Sumner Iron Works, Limited	3550 E. Broadway, Vancouver
Chain Saws, Limited	Granville Island, Vancouver
Cocvey Air Company	125 West 1st St. N., Vancouver
Easthope Bros., Limited	1225 No. 1 Road, Steveston
Equipment Sales & Rentals	603 Powell St., Vancouver
Gearmatic Co. Ltd.	636 W. 6th Ave., Vancouver
Fahadan Engineering Co.	8725 Hudson St., Vancouver
Hamilton, G.J., Limited	910 Beach Ave., Vancouver
Industrial Engineering, Limited	1220 Government Road, Burnaby 1
Jordans Machine Works, Ltd.	4142 Kingsway, S. Burnaby
Leland Manufacturing Company, Ltd.	1790 Powell St., Vancouver
Letson & Burpee, Limited	172 Alexander St., Vancouver
L-M Equipment Co. (B.C.) Ltd.	6180 Lougheed Highway, N. Burnaby
Long, W.A., Contracting & Equipment Co.	2 East 1st Ave., Vancouver
Marathon Machinery Co.	1840 Hawthorne St., Burnaby
New Westminster Marine Sales & Service Ltd.	301-12th St., New Westminster
Nicholson Murdie Machines Ltd.	327 Harbour Rd., Victoria
Nicholson Supplies & Equipment Ltd.	666 Alexander St., Vancouver
Opsal Steel Limited	97 East 2nd Ave., Vancouver
Palmia Equipment Ltd.	9084-128th St., North Surrey
Paragon Engine Co.	1737 Georgia St., Vancouver 5
Paragon Equipment Manufacturing Company, Limited	885 Cordova St., Vancouver
Power Machinery Limited	3470 Commercial Dr., Vancouver
Progressive Engineering Works, Limited	360 West 1st Ave., Vancouver 10
Pumps & Power, Limited	40 E. Cordova St., Vancouver
Simplex Engine and Manufacturing Co., Limited	1865 West Georgia St., Vancouver
Tyee Machinery Company, Limited	Lot 71 Granville Island, Vancouver
Vancouver Gear Works Ltd.	1430 Burrard St., Vancouver
Vancouver Mill Machinery	1840 Gilmore Ave., Burnaby 2
Vivian Diesels & Munitions, Limited	1660 Station St., Vancouver
Wagner Engineering	1929 W. Georgia St., Vancouver
Wagstaff Hoist, Limited	2294 Clark Drive, Vancouver
Webb & Gifford, Limited	222 Front St., New Westminster
Westminster Iron Works Company, Limited	1135 Queen Ave., New Westminster
Weldco Ltd.	116 East 2nd Avenue, Vancouver
Willock Manufacturing Co. Ltd.	22661 Trans-Canada Highway, Langley

1. Includes establishments primarily engaged in manufacturing special industrial machinery, such as textile machinery, wood-working machinery, pulp and paper machinery, engines and turbines, mining machinery, conveyor systems and elevators, etc.





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