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Government of Canada

**THE MACHINERY INDUSTRY**  
**IN**  
**CANADA**  
**1947**

(Industrial, household, office and business machinery.)



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**DOMINION BUREAU OF STATISTICS**  
**DEPARTMENT OF TRADE AND COMMERCE**

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## Annual Industry Report

## Iron and Steel and Their Products Group

## THE MACHINERY INDUSTRY - 1947

The annual census of production in Canada divides manufacturing into nine main groups of industries to which the producing concerns are classified according to the principal materials used. For example, the pulp and paper industry is classified under "Wood and Paper Products", iron foundries under "Iron and Steel and Their Products", etc. These main groups are further divided into industries to which the concerns are allotted according to the nature of their main products. The iron and steel group is subdivided into 17 industries, one being the Machinery Industry, which is reviewed in this bulletin. This industry covers the operations of iron and steel works which were occupied chiefly in making industrial, household, office and business machinery. 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. Table 9 of this report summarizes the total machinery production as assembled from all industries; in 1947 the total for industrial, office, business and household machinery (including electrical machinery) was \$276,382,300 compared with \$185,804,093 in the previous year.

During the year under review, there were 322 factories in Canada which normally manufactured industrial, household, office and business machinery (exclusive of electrical or agricultural machinery) as their principal products. These plants were classified to the Machinery Industry and their output in 1947 was valued at \$200,894,754 an increase of 37.9 per cent from the corresponding total of \$145,638,248 for 1946.

Of the 322 establishments operating in this industry, 202 were located in Ontario, 56 in Quebec, 38 in British Columbia, 14 in Manitoba, 4 in Saskatchewan, 3 in Nova Scotia, 3 in Alberta and 2 in New Brunswick. Ontario firms accounted for 65.0 per cent of the total production for the Dominion, Quebec, 26.5 per cent, and concerns in British Columbia, 6.0 per cent. These producers of machinery afforded employment to a monthly average of 29,920 people who received \$61,969,692 in salaries and wages. Expenditures of fuel and electricity amounted to \$2,216,382 and materials used in manufacturing processes cost \$74,101,757.

Products made in this industry included washing machines and ironers, cash registers, sewing machines, typewriters, transmission 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. Detailed production data for the industry are given in Table 8 and supplementary figures to show the total output of machinery from all industries in Table 9.

Table 1 - PRINCIPAL STATISTICS FOR THE MACHINERY INDUSTRY, 1938-1947

Year	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1938 .....	213	11,631	14,586,263	717,470	17,841,141	48,272,442
1939 .....	232	12,248	15,847,861	812,624	18,099,490	48,458,408
1940 .....	235	18,145	26,016,051	1,213,122	30,675,072	84,260,652
1941 .....	247	23,376	37,676,055	1,412,852	44,617,850	124,159,341
1942 .....	255	27,354	47,707,573	1,665,258	52,950,771	159,371,788
1943 .....	256	28,239	52,818,044	1,799,257	48,685,844	152,359,576
1944 .....	258	26,692	50,452,569	1,723,381	50,665,344	147,519,776
1945 .....	267	26,285	46,982,376	1,750,316	44,817,319	138,192,090
1946 .....	299	27,003	50,246,824	1,845,981	50,760,795	145,638,248
1947 .....	322	29,920	61,969,692	2,216,382	74,101,757	200,894,754
Per cent change, 1947 from 1946 ..		+10.8	+23.3	+20.0	+45.9	+37.9

Notes: Profit or losses cannot be calculated from the 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 PROVINCES, 1946 and 1947

Province	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
<u>1946</u>						
New Brunswick ....	1)	176	297,888	16,080	462,502	1,000,109
Nova Scotia .....	3)					
Quebec .....	58	8,758	15,687,098	688,069	15,721,623	44,301,572
Ontario .....	187	15,580	29,257,334	970,067	30,574,279	88,139,292
Manitoba .....	10	266	493,416	22,095	424,004	1,342,927
Saskatchewan .....	6	144	250,776	14,551	351,490	950,127
Alberta .....	1)					
British Columbia .	33)	2,079	4,260,312	135,099	3,226,897	9,904,221
CANADA .....	299	27,003	50,246,824	1,845,981	50,760,795	145,638,248
<u>1947</u>						
New Brunswick ....	2)	190	372,005	23,911	380,492	1,075,142
Nova Scotia .....	3)					
Quebec .....	56	9,608	19,385,205	829,592	20,330,148	53,073,397
Ontario .....	202	17,417	36,376,751	1,151,581	47,197,009	130,059,653
Manitoba .....	14	428	820,719	34,597	1,194,664	2,866,584
Saskatchewan .....	4	130	273,614	16,385	287,824	595,396
Alberta .....	3	138	304,926	13,241	334,961	972,738
British Columbia .	38	2,009	4,436,472	147,075	4,376,659	12,251,844
CANADA .....	322	29,920	61,969,692	2,216,382	74,101,757	200,894,754

Table 3 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1946 and 1947

Table 3 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1946 and 1947								
Province	Average Number of Employees					Salaries	Wages	Total Salaries and Wages
	On Salaries		On Wages		Total			
	Male	Female	Male	Female				
						\$	\$	\$
<u>1946</u>								
New Brunswick and Nova Scotia .....	14	11	151	...	176	75,046	222,842	297,888
Quebec .....	1,298	598	6,476	386	8,758	4,261,322	11,425,776	15,687,098
Ontario .....	2,548	1,204	11,338	490	15,580	8,757,009	20,500,325	29,257,334
Manitoba .....	48	20	198	...	266	175,843	317,573	493,416
Saskatchewan .....	21	7	116	...	144	59,366	191,410	250,776
Other provinces ...	302	131	1,545	101	2,079	1,041,085	3,219,227	4,260,312
CANADA .....	4,231	1,971	19,824	977	27,003	14,369,671	35,877,153	50,246,824
<u>1947</u>								
New Brunswick and Nova Scotia .....	18	10	162	...	190	98,394	273,611	372,005
Quebec .....	1,461	603	7,027	517	9,608	4,995,783	14,389,422	19,385,205
Ontario .....	2,692	1,346	12,734	645	17,417	10,211,769	26,164,982	36,376,751
Manitoba .....	70	26	332	...	428	253,238	567,481	820,719
Saskatchewan .....	20	3	103	4	130	63,966	209,648	273,614
Other provinces ...	298	144	1,635	70	2,147	1,216,309	3,525,089	4,741,398
CANADA .....	4,559	2,132	21,993	1,236	29,920	16,839,459	45,130,233	61,969,692

# Machinery

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Table 4 - WAGE-EARNERS, BY MONTHS, 1946 and 1947 (On the last work day of each month)

Month	1 9 4 6			1 9 4 7		
	Male	Female	Total	Male	Female	Total
January .....	19,551	824	20,375	21,886	1,187	23,073
February .....	19,542	856	20,398	21,837	1,194	23,031
March .....	19,286	871	20,157	22,008	1,218	23,226
April .....	19,388	925	20,313	21,982	1,220	23,202
May .....	19,458	920	20,378	22,016	1,229	23,245
June .....	19,382	947	20,329	22,107	1,255	23,362
July .....	19,321	968	20,289	22,021	1,212	23,233
August .....	19,804	961	20,765	21,828	1,241	23,069
September .....	20,012	1,090	21,102	21,878	1,280	23,158
October .....	20,336	1,077	21,413	22,021	1,276	23,297
November .....	20,755	1,135	21,890	22,080	1,275	23,355
December .....	20,923	1,131	22,054	22,053	1,206	23,259
AVERAGE .....	19,824	977	20,801	21,993	1,236	23,229

Table 5 - FUEL AND ELECTRICITY USED, 1946 and 1947

Kind	Unit of measure	1 9 4 6		1 9 4 7	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Bituminous coal - Canadian	ton	6,257	58,304	4,970	55,778
Imported	ton	56,556	517,229	61,717	596,644
Anthracite coal .....	ton	6,920	57,466	5,812	56,741
Lignite coal .....	ton	1,105	6,551	1,452	9,199
Coke .....	ton	1,279	17,438	1,768	23,930
Gasoline .....	Imp.gal.	323,881	101,193	385,108	127,869
Kerosene .....	Imp.gal.	29,967	5,114	105,147	13,785
Fuel oil .....	Imp.gal.	1,759,810	155,464	2,507,699	266,698
Wood .....	cord	1,602	9,207	1,078	9,130
Gas - Manufactured .....	M cu.ft.	44,579	40,330	69,369	60,010
Natural .....	M cu.ft.	13,119	9,315	18,335	10,173
Other fuel .....	...	...	1,105	...	2,810
Electricity purchased ....	K. W. H.	71,657,449	867,265	85,050,025	983,615
TOTAL .....	...	...	1,845,981	...	2,216,382
Electricity generated for own use .....	K. W. H.	42,020	...	134,830	...

Table 6 - POWER EQUIPMENT, 1946 and 1947

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
1 9 4 6				
Steam engines and steam turbines .....	20	3,829	8	950
Diesel engines .....	5	704	...	...
Gasoline, gas and oil engines .....	19	576	7	313
Hydraulic turbines or water wheels .....	8	335	1	35
Total Primary Equipment .....	52	5,444	16	1,298
Electric motors run by purchased power ..	15,163	83,052	651	4,222
TOTAL .....	15,215	88,496	667	5,520
Electric motors run by primary power ....	17	353	...	...
Stationary power boilers .....	53	7,921	6	600
Motor-generator sets .....	87	3,596	8	572

Table 6 - POWER EQUIPMENT, 1946 and 1947 (Concluded)

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
<u>1 9 4 7</u>				
Steam engines and steam turbines .....	18	3,806	9	1,090
Diesel engines .....	4	695	2	170
Gasoline, gas and oil engines .....	22	752	1	85
Hydraulic turbines or water wheels .....	13	351	1	35
Total Primary Equipment .....	57	5,504	13	1,280
Electric motors run by purchased power ..	17,125	93,338	941	5,367
TOTAL .....	17,182	98,942	954	6,747
Electric motors run by primary power ....	10	292	...	...
Stationary power boilers .....	41	6,985	6	550
Motor-generator sets .....	77	5,282 k.v.a.	6	1,985 k.v.a.

Table 7 - MATERIALS USED BY FIRMS IN THE MACHINERY INDUSTRY, 1946 and 1947

Material	Unit of measure	1 9 4 6		1 9 4 7	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Iron -					
Pig iron .....	ton	25,784	686,804	27,682	924,242
Castings .....	ton	29,902	4,947,289	32,746	6,849,792
Steel -					
Castings .....	ton	7,653	2,026,919	8,952	2,515,228
Bars .....	ton	22,496	1,834,423	26,443	2,348,709
Forgings .....	ton	...	835,238	...	920,823
Plates .....	ton	8,601	713,071	15,621	1,421,322
Shafting .....	ton	3,949	470,369	4,601	627,577
Sheets - black .....	ton	7,382	705,605	7,811	833,166
galvanized .....	ton	1,300	139,253	1,594	199,717
tin plate .....	Base boxes	2,879	38,955	3,666	41,487
Strip .....	ton	715	135,880	3,430	378,173
Structural shapes .....	ton	13,157	1,100,853	18,364	1,447,171
Stampings .....	...	...	415,622	...	733,858
Wire .....	ton	2,476	243,024	2,427	276,051
Tool steel, carbon and alloy, including high speed .....	...	...	215,272	...	348,188
Stainless steel .....	...	...	313,132	...	350,614
Alloy steel, other .....	...	...	89,857	...	498,814
Scrap iron or steel .....	ton	32,738	675,874	31,303	755,750
Other iron or steel .....	...	...	731,461	...	1,059,516
Ferro-alloys .....	...	...	116,968	...	130,051
Non-ferrous metals, including scrap -					
Aluminum .....	pound	967,094	440,226	1,799,473	890,910
Brass and bronze .....	pound	4,548,720	1,210,614	4,599,212	1,761,137
Copper .....	pound	852,765	159,509	1,343,708	389,515
Lead .....	pound	205,028	14,308	91,597	10,227
Nickel .....	pound	135,040	44,944	166,012	63,153
Tin .....	pound	15,948	10,456	20,370	13,216
Zinc .....	pound	1,274,188	191,665	1,493,923	260,044
Babbitt metals and solders .....	pound	451,875	99,139	566,676	136,495
Other non-ferrous metals .....	...	...	175,188	...	291,715
Other materials and supplies -					
Parts for machines or vehicles ..	...	...	11,403,482	...	19,764,747
Iron and steel pipe, tubes and fittings .....	...	...	987,291	...	1,421,018
Paints, oils and varnishes .....	...	...	353,745	...	592,430
Foundry coke (cupola) .....	ton	12,598	205,166	14,284	278,928



Table 7 - MATERIALS USED BY FIRMS IN THE MACHINERY INDUSTRY, 1946 and 1947 (Concluded)

Table 7 - MATERIALS USED BY FIRMS IN THE AMERICAN INDUSTRY, 1946 and 1947 (concluded)					
Material	Unit of measure	1 9 4 6		1 9 4 7	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Other materials and supplies - (concluded)					
Moulding sands .....	ton	11,907	69,814	13,908	81,158
Core sands .....	ton	9,175	45,911	12,538	60,932
Silica sand .....	ton	1,544	13,039	1,324	13,623
Other foundry sands .....	ton	1,125	5,057	1,422	9,491
Starch .....	pound	48,457	3,159	23,806	1,310
Plumbago .....	pound	90,114	6,694	180,970	13,151
Other foundry facings .....	pound	1,450,636	40,284	1,021,648	34,484
Patterns and models .....	...	...	193,589	...	245,312
Lumber .....	M ft.b.m.	16,012	1,280,458	20,807	1,634,904
Firebrick .....	number	333,114	42,930	263,117	34,012
Fireclay .....	ton	1,082	13,170	1,135	16,126
Cupola blocks .....	number	23,589	7,431	32,206	7,819
Core oil .....	Imp.gal.	39,872	34,878	53,262	56,734
Core compound .....	pound	354,902	11,678	346,857	21,657
Acetylene .....	cu.ft.	1,722,777	60,505	2,135,081	56,148
Oxygen .....	cu.ft.	4,882,306	78,358	6,311,154	83,916
Shipping materials .....	...	...	522,955	...	816,770
All other materials .....	...	...	16,599,283	...	22,380,426
TOTAL .....	...	...	50,760,795	...	74,101,757

Table 8 - PRODUCTS MADE BY FIRMS INCLUDED IN THE MACHINERY INDUSTRY, 1946 and 1947

NOTE: Data given in this table are for the Machinery Industry which included 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 9, in as much detail as possible.

Item	Selling Value at Works	
	1 9 4 6 \$	1 9 4 7 \$
Machinery -		
Air compressors .....	4,399,148	4,326,798
Air conditioning equipment .....	285,805	290,466
Agricultural implements and parts .....	554,502	342,165
Bakers' machinery .....	1,293,308	1,501,565
Blowers for domestic furnaces .....	124,643	224,367
Bottling machinery .....	18,953	30,095
Canning machinery .....	1,630,348	1,647,481
Cement mill machinery .....	257,064	590,788
Cheese factory machinery .....	59,318	(x)
Cleaning and pressing machinery .....	943,720	1,006,666
Coal-pulverizing and coal-cleaning machinery .....	60,378	(x)
Concrete-making machinery .....	1,264,653	1,626,358
Conveying and elevating machinery .....	3,458,268	5,990,382
Dairy and creamery machinery .....	658,312	607,354
Elevators, freight and passenger, and parts .....	5,958,035	9,681,971
Engines, steam, diesel, gas, and parts .....	7,974,290	7,774,748
Fire-fighting equipment .....	807,066	1,258,050
Flour and grist mill machinery .....	378,350	672,689
Grain elevator machinery .....	501,444	713,324
Hoisting machinery (except mine hoists) .....	1,448,991	3,280,597
Household machinery .....	14,374,432	27,276,434
Laundry machinery .....	1,616,484	1,842,753
Leather-working machinery .....	1,337,453	1,616,006
Logging machinery and parts .....	1,320,898	1,702,580
Machinery parts, not specified elsewhere .....		
Metal-working machinery and parts (machine tools) .....	5,400,877	5,997,694
Mining and metallurgical machinery and parts .....	4,835,990	7,035,349
Office and business machinery and parts .....	12,567,374	22,091,513
Plastics machinery and parts .....	938,765	449,347

Machinery

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Table 8 PRODUCTS MADE BY FIRMS INCLUDED IN THE MACHINERY INDUSTRY, 1946 and 1947 (Concluded)

Item	Selling Value at Works	
	1 9 4 6	1 9 4 7
	\$	\$
<u>Machinery-(Concluded)</u>		
Printing machinery .....	37,449	230,873
Pulp mill and paper mill machinery .....	6,014,953	9,289,102
Pumps and parts .....	6,445,538	7,320,383
Refrigeration and ice-making machinery .....	1,220,662	1,588,938
Road-making machinery .....	2,561,824	3,647,844
Rubber mill machinery .....	1,507,456	1,383,354
Saw-mill machinery .....	1,640,399	2,436,475
Service station and garage machinery (including pumps).....	2,583,888	5,990,177
Ships' machinery and fittings .....	1,218,192	1,080,413
Stokers and parts .....	520,034	612,643
Textile machinery .....	426,495	539,157
Transmission machinery .....	4,695,447	7,107,282
Ventilating, exhaust and dust-collecting systems .....	656,218	658,381
Water wheels and water turbines .....	1,335,076	1,141,708
Wood-working machinery .....	547,125	1,795,153
All other machinery, including power shovels, glass-blowing machinery, rolling mill machinery, etc. ....	9,503,144	8,326,482
Total machinery .....	115,382,769	162,725,905
All other products .....	22,653,205	28,231,110
Amount received for repair work .....	7,602,274	9,937,739
TOTAL .....	145,638,248	200,894,754

(x) Reported by less than 3 firms.

Table 9 - TOTAL PRODUCTION IN CANADA OF INDUSTRIAL, HOUSEHOLD AND BUSINESS MACHINERY, 1946 and 1947  
(Data assembled from all industries)

Item	1 9 4 6		1 9 4 7	
	Number	Selling value at works	Number	Selling value at works
		\$		\$
Air compressors .....	...	4,802,876	...	4,505,127
Air conditioning equipment .....	...	1,330,070	...	1,810,000
Bakers' machinery -				
Mixing machines .....	...	348,830	...	414,641
Ovens .....	...	502,662	...	624,347
Other bakers' machinery .....	...	217,646	...	288,843
Baling machines .....	...	(x)	...	76,431
Blowers for domestic furnaces .....	3,454	147,886	6,976	310,197
Bottling machinery .....	...	250,632	...	950,087
Canning machinery .....	...	1,819,761	...	1,722,749
Cement mill machinery and parts .....	...	257,564	...	590,788
Cheese factory machinery .....	...	72,179	...	73,099
Chlorinators and chlorine and control apparatus .....	...	(x)	...	(x)
Cleaning and pressing machinery (except laundry) .....	...	992,003	...	1,008,866
Coal-cleaning and coal-pulverizing machinery ...	...	60,378	...	(x)
Concrete-making machinery, including mixers ....	...	1,337,990	...	1,623,476
Conveying and elevating machinery (except passenger and freight elevators) .....	...	3,649,529	...	6,239,093
Cream separators .....	26,304	1,672,993	24,420	1,680,798
Dairy and creamery machinery, except cream separators, but including milking machines, churns, pasteurizers, etc. ....	...	3,147,626	...	3,431,115
Dish-washing machinery .....	...	(x)	...	(x)
Electric appliances, motor driven, not elsewhere specified .....	...	340,253	...	468,149
Elevators, freight and passenger, and parts ....	...	6,158,564	...	9,881,394
Engines -				
Steam, including steam turbines .....	...	875,023	112	1,873,707
Gasoline (except automobile) -				
Marine type, including outboard .....	13,596	2,333,251	21,998	2,448,442
Airplane (assembled only) .....	...	(x)	...	(x)



Table 9 - TOTAL PRODUCTION IN CANADA OF INDUSTRIAL, HOUSEHOLD AND BUSINESS MACHINERY, 1946 and 1947  
(Data assembled from all industries) (Continued)

Item	1946		1947	
	Number	Selling value at works \$	Number	Selling value at works \$
<b>Engines -</b>				
Gasoline (except automobiles)-(concluded)				
Handcar and railway motor car .....	...	...	...	...
Stationary type .....	...	811,662	...	1,046,156
Type not specified .....	...	528,354	...	1,990,246
Diesel .....	...	4,986,422	...	3,030,038
Engine parts .....	...	2,496,517	...	1,719,663
Fire engines .....	...	...	...	...
Flour mill and grist mill machinery .....	...	413,218	...	682,234
Generators and parts, electric, A.C. and D.C. ...	...	3,793,605	...	4,881,856
Glass-working machinery, automatic .....	...	(x)	...	...
Grain elevator machinery .....	...	598,276	...	1,003,130
Hoisting machinery, including chain blocks, monorail electric hoists, overhead cranes, etc., but excluding mine hoists .....	...	4,255,950	...	7,558,885
Ice-making and refrigerating machinery and equip- ment(except household electric refrigerators)...	...	3,872,137	...	8,533,177
Household machinery -				
Washing machines, hand .....	8,209	126,820	6,225	100,017
Washing machines, electric .....	96,386	7,083,844	193,468	16,809,878
Washing machines, other power .....	10,595	1,036,278	20,346	2,198,111
Wringers, clothes .....	80,969	590,834	106,847	830,463
Ironers .....	...	(x)	...	(x)
Refrigerators, household, electric, and condensing units .....	...	8,548,342	...	21,305,603
Vacuum cleaners, electric -				
Floor models .....	53,753	2,347,025	105,295	4,808,149
Hand models .....	...	...	...	...
Attachments and parts .....	...	728,742	...	1,114,807
Other household machinery (including sewing machines) .....	...	6,619,323	...	12,590,270
Laundry machinery .....	...	1,616,484	...	1,842,753
Lawn mowers .....	87,573	789,741	92,427	1,447,865
Leather-working machinery .....	...	1,337,453	...	1,646,056
Logging machinery .....	...	1,398,638	...	2,247,684
Metal-working machinery (machine tools) -				
Boring machines .....	...	(x)	...	(x)
Drilling machines .....	...	219,371	...	201,571
Grinding machines .....	...	607,543	...	367,583
Hammers .....	...	13,171	...	(x)
Lathes .....	...	1,627,190	...	1,453,628
Milling machines .....	30	208,617	...	418,412
Threading machines .....	...	53,770	...	51,004
Planers .....	...	84,065	...	(x)
Presses (forming, stamping, etc.) .....	...	924,742	...	678,783
Shapers .....	187	239,782	75	260,693
Shearing machines .....	...	120,143	...	133,534
Slotters .....	...	...	...	(x)
Other metal-working machinery .....	...	1,043,800	...	1,398,480
Mining and metallurgical machinery -				
Agitators .....	...	55,612	...	49,400
Ball and rod mills .....	...	(x)	...	385,788
Classifiers .....	...	90,370	...	124,550
Crushers, jaw and gyratory .....	...	130,802	...	371,777
Filters .....	...	185,320	...	484,416
Flotation machines .....	...	(x)	...	(x)
Hoists .....	...	1,298,177	...	2,247,690
Screens .....	...	96,450	...	307,047
Skips and cages .....	...	87,612	...	(x)
Thickeners .....	...	(x)	...	(x)
All others .....	...	1,568,997	...	2,081,528

Table 9 - TOTAL PRODUCTION IN CANADA OF INDUSTRIAL, HOUSEHOLD AND BUSINESS MACHINERY, 1946 and 1947  
(Data assembled from all industries) (Concluded)

Item	1946		1947	
	Number	Selling value at works \$	Number	Selling value at works \$
Motors, electric, and parts .....	...	18,593,177	...	25,512,124
Motor-generator sets .....	...	917,576	...	966,236
Office and business machinery -				
Adding machines .....	4,891	491,825	6,709	710,630
Scales, domestic, office and truck .....	19,699	2,225,618	22,013	2,858,406
Typewriters .....	41,528	3,092,725	74,286	5,546,448
Other, including accounting machines, cash registers, time recorders, meat slicers, bread slicers, calculating machines, etc. ....	...	6,482,515	...	12,915,632
Oil burners -				
Power type .....	...	5,223,794	...	6,155,427
Oil burner parts .....	...	750,249	...	174,275
Plastics machinery and parts .....	...	938,765	...	601,607
Printing machinery .....	...	80,184	...	297,392
Pulp-making and paper-making machinery .....	...	7,411,817	...	11,007,059
Pumps -				
Hand (iron and steel) .....	...	388,147	...	455,470
Centrifugal .....	...	2,934,141	...	3,293,186
Steam, direct-acting .....	...	588,316	...	705,198
Rotary .....	...	671,604	...	761,191
Other power .....	...	471,425	...	586,784
Pump parts .....	...	599,430	...	555,725
Water pumping systems for country houses .....	...	1,659,589	...	1,909,762
Gasoline dispensing pumps .....	...	2,566,472	...	5,311,427
Road-making machinery .....	...	3,822,452	...	2,930,307
Rolling-mill machinery .....	...	(x)	...	(x)
Rubber-mill machinery .....	...	1,558,456	...	1,458,354
Sawmill machinery .....	...	2,261,901	...	3,170,566
Service station and garage machinery (except pumps).	...	928,100	...	244,946
Ships' machinery and fittings .....	...	4,579,082	...	3,294,779
Shovels, power .....	...	(x)	...	(x)
Stone-working machinery .....	...	64,567	...	75,726
Stokers, mechanical .....	...	1,355,420	...	1,416,109
Stoker parts .....	...	657,811	...	666,614
Textile machinery and parts .....	...	532,612	...	623,851
Transmission machinery, including brackets, hangers, shafting and other parts .....	...	4,881,783	...	8,282,084
Ventilating and dust-collecting systems (fans, motors, ducts, etc.) .....	...	3,950,068	...	4,655,021
Vulcanizers .....	...	(x)	...	(x)
Water wheels and turbines .....	...	2,136,183	...	1,179,409
Water softeners .....	...	...	...	123,195
Welding machinery, including arc welders, etc. ....	...	1,672,519	...	2,328,684
Well-drilling machinery .....	...	11,455	...	183,197
Wood-working machinery -				
Band sawing machines .....	148	73,733	1,420	120,827
Boring machines .....	12	10,046	98	16,151
Lathes .....	67	16,617	2,458	46,728
Matchers and planers .....	30	102,946	1,063	413,161
Moulders .....	...	(x)	56	104,333
Rip and cross-cut saws .....	170	500,855	...	483,249
Sanders .....	12	28,732	51	53,287
Shapers and jointers .....	1,065	115,900	7,653	270,054
Surfacers .....	...	(x)	...	(x)
Tenoners and mortisers .....	11	11,905	95	45,089
Other wood-working machinery .....	...	516,994	...	2,320,075
All other machinery and parts, not separately specified .....	...	4,033,357	...	9,377,042
Total of items (x) reported by only one or two firms	...	2,940,315	...	3,751,209
TOTAL MACHINERY AND PARTS .....	...	185,804,093	...	276,382,300

(x) Reported by less than three firms.



LIST OF FIRMS IN THE MACHINERY INDUSTRY - 1947

Name of Firm	Location of Plant
<u>Nova Scotia -</u>	
Acadia Gas Engines, Limited	Bridgewater
Hawboldt Gas Engines	Chester
Oxford Foundry and Machine Company, Limited	Oxford
<u>New Brunswick -</u>	
Lauder, R. W., Esq.	Hillsboro
Northern Machine Works	Main Street, Bathurst
<u>Quebec -</u>	
Associated Clock Industries, Limited	355 Craig Street West, Montreal
Bailey Meter Company, Limited	1980 St. Antoine Street, Montreal
Braidwood, John, and Sons, Limited	66 Nazareth Street, Montreal
Canadian Fairbanks-Morse Company, Limited	62 Belvidere Street S., Sherbrooke
Canadian General Electric Company Limited	125 St. Joseph St., Lachine
Canadian Ingersoll Rand Company, Limited	rue des Forges, Sherbrooke
Canadian Pantex Machinery Co. Ltd.	3556 St. Lawrence Blvd., Montreal
Canadian Pneumatic Tool Company Limited	757 St. Antoine Street, Montreal
Cement Block & Machinery Supply Reg'd.	227 Royale St., Sorel
Cote Bros., & Burritt, Limited	1280 Conde Street, Montreal
Crammond, William A. & Son Limited	4865 Dagenais Street, Montreal
Darby Mfg. Co.	296 Gordon Ave., Verdun
Dominion Engineering Works, Limited	1st Avenue, Lachine
Eastern Engineering Reg'd.	62 - 8th Ave., Sherbrooke
Fenton Steam Specialty Mfg. Co. Ltd.	3624 St. Lawrence Blvd., Montreal
Forano Limitée	Plessisville
Gagnon Romeo	Cap St. Ignace
Gosselin, J. A., Co. Limited	Hebert Street, Drummondville
Guay, Henri	5354 - 12th Avenue, Rosemont, Montreal
Hardware & Woodenware Inc.	Coaticook
Hollinger Machine Shop	87 Craig St. E., Montreal
Hydraulic Machinery Co. Ltd.	1972 Tansley, Montreal
Industrie R. D. Enrg.	9 Père Lacombe St., Quebec
Jackson, W. A. & Co.	2010 Cardinal St., Montreal
Jeffrey Mfg. Co. Limited	300 St. Patrick Street, Ville la Salle
La Compagnie F. X. Drolet	206 DuPont, Quebec
L'Auto-Neige Bombardier, Limitée	Valcourt
Les Scies Mercier Ltée	26 Cote Frechette, Lévis
Linde Canadian Refrigeration Company, Limited	180 St. Joseph Street, Lachine
Machineries Etchemin Enrg.	St. Romuald
Miller Bros. & Sons, Limited	45 Des Seigneurs Street, Montreal
Montreal Gear Works Limited	3425 Montgomery St., Montreal
Montreal Scale Works Reg'd.	421 Bonsecours St., Montreal
Montreal Shoe Machinery Company, Limited	535 Ontario E., Montreal
Nagle Elevator Company, Reg'd.	155 Lagauchetière Ouest, Montreal
O'Neill European Machine Co. of Montreal Canada	Stirling Ave., Ville La Salle
Paquin, Alph., & Fils	568 rue St. Antoine, Joliette
Poitras, Jos. & Fils	L'Islet Station
Providence Manufacturing Company, Limited	St. Hyacinthe
Pulp and Paper Mill Accessories, Limited	2035 Aylmer Street, Montreal
Robinson, E. A., Oil Burner Ltd.	220 Elm Ave., Westmont, Montreal
Royal Typewriter Company, Limited	7035 Park Ave., Montreal
Rubenstein Bros. Company	50 Craig Street West, Montreal
Sherbrooke Machineries, Limited	Randrill Street, Sherbrooke
Sicard, Limited	2055 Bennett Street, Montreal
Singer Manufacturing Company	165 St. Paul Street, St. Johns
Suburb Manufacturing Company Reg'd.	960 Lafayette Ave., Montreal South
Superheater Company, Limited	14 Drummond Rd., Sherbrooke
Technical Accessories Engineering Co.	1257 Amherst St., Montreal
Thibault, Pierre	Pierreville
United Shoe Machinery Company of Canada, Limited	2610 Bennett Avenue, Montreal



## LIST OF FIRMS IN THE MACHINERY INDUSTRY - 1947

(Continued)

Name of Firm	Location of Plant
<u>Quebec (Concluded)-</u>	
Valois & Valois, Limited	639 Notre Dame Street W., Montreal
Vessot, S., & Cie., Limited	104 Querbes Blvd., Joliette
Victory Tool and Machine Company Ltd.	250 Rose de Lima Street, Montreal
Volcano Limited	2020 St. Anne, St. Hyacinthe
Wilson Machine Company, Limited	151 Hamaroth Street, Montreal
<u>Ontario -</u>	
Acton Machine Shops	Bowar Street, Acton
Atlantic Service Company, Limited	135 Logan Avenue, Toronto
Adams, J. D., Limited	Paris
Albany Pump Company	640 King St. W., Toronto
American Can Company	Lewis Street, Niagara Falls
Anderson Machinery	103 Lisgar St., Toronto
Armstrong, S. A., Limited	115 Dupont Street, Toronto
Ashton Press Mfg. Co. Ltd.	160 Elm St., Ottawa
Associated Industrial Designers	Stouffville
Atlas Engineering and Machine Company, Limited	16 Eastern Avenue, Toronto
Austin Peelers Limited	15 Cannings Ave., Islington
Barber, C., & Sons	Meaford
Bata Shoe Company of Canada, Limited	Batawa
Bawden Machinery Co., Limited	163 Sterling Road, Toronto
Beatty Bros., Limited	Fergus
Beatty Machine & Tool Works	175 Munro St., Toronto
Beaver Laundry Machinery Company, Limited	393 Sorauren Ave., Toronto
Bertram, John & Sons Company, Limited	Hatt Street, Dundas
Better Packages of Canada, Limited	58 Stewart Street, Toronto
Bickle-Seagrave, Limited	12 Young Street, Woodstock
Blakeslee and Company, Limited	1379 Bloor Street West, Toronto
Bowser, S. F., Company, Limited	344 Sherman Ave., Hamilton
Brantford Oven and Rack Company, Limited	Brock and Campbell Streets, Brantford
Brantford Washing Machines, Limited	14 Grey Street, Brantford
Brown Boggs Foundry and Machine Company, Ltd.	37 Victoria Ave., North, Hamilton
Brunner Corporation (Canada) Limited	283 King Street East, Toronto
Buchanan, F. L., Limited	129 Front Street, Orillia
Burnside, Harry	442 King Street West, Toronto
Burroughs Machines, Limited	804 MacDougall Street, Windsor
Canada Machinery Corporation, Limited	19 Concession Street, Galt
Canada Vulcanizer & Equipment Company, Limited	1109 York Street, London
Canadian Duff-Norton Co. Ltd.	59 Cambridge Ave., Toronto
Canadian Elevator Equipment Company, Limited	2 River Street, Toronto
Canadian Hoffman Machinery Company, Limited	Newmarket
Canadian Ice Machine Company, Limited	65 Villiers Street, Toronto
Canadian Ironing Machine Company, Limited	944 Yonge Street, Toronto
Canadian Laundry Machinery Company, Limited	47 Sterling Road, Toronto
Canadian Longyear, Limited	Regina Street, North Bay
Canadian Mines Equipment Company, Limited	596 Hamilton Road, London
Canadian Scale Company, Limited	41 Ossington Avenue, Toronto
Canadian Sirocco Company, Limited	310 E. Ellis Street, Windsor
Canadian Sullivan Machinery Company, Limited	Hatt Street, Dundas
Canners' Machinery, Limited	Aylmer
Canners' Machinery, Limited	Sydenham Street, Simcoe
Clark Machine Company	Merritt Street, Merritton
Clarke, D. R., Engine Co. Ltd.	2462 Dufferin St., Toronto
C. L. C. Machinery Company	196 Grant Avenue, Hamilton
Climax Baler Company, Limited	43 Burton Street, Hamilton
Cobalt Foundry, Limited	Cobalt
Coher, Elevator Manufacturing Company	137 Roncevalles Ave., Toronto
Coffield Washer Company, Limited	77-91 Niagara Street, Hamilton
Commercial Kitchen Equipment Mfg. Co.	Rear 548 Yonge St., Toronto
Connor, J. H. & Son, Limited	10 Lloyd Street, Ottawa

## LIST OF FIRMS IN THE MACHINERY INDUSTRY, 1947 (Continued)

Name of Firm	Location of Plant
<u>Ontario (Continued)-</u>	
Corman Engineering Company, Limited	525 Richmond Street West, Toronto
Cooke and Denison Machine and Tool Works	31 Yarmouth Street, Guelph
Cowan and Company of Galt, Limited	72 North Water Street, Galt
Delamere and Williams, Limited	18 Hook Avenue, Toronto
Deimler Refrigeration	5 Walcott Avenue, Toronto
Department of Transport	Ottawa
Dillon, Thomas A., Screening Equipment	1244 Dufferin Street, Toronto
Dominion Auto-Drive, Limited	315 Devonshire Road, Windsor
Dominion Road Machinery Company, Limited	Maitland Rd., Goderich
Dominion Rubber Company, Limited	Elm Street, Kitchener
Douglas, Brown & Campbell	Mount Brydges
Dowsell, Lees and Company, Limited	193 Elgin Street, Hamilton
Easy Washing Machine Company, Limited	Miranda and Schell Avenues, Fairbank
Essex Sales Company	2400 Dougall Rd., Windsor
Epps, C. H.	Clinton
Factory Equipment, Ltd.	Berczy Street, Aurora
Fairgrieve and Son, Limited	44 Dovercourt Road, Toronto
Fellows, J. A., and Company	27 Jarvis Street, Brantford
Fenney, Thos. H., Machinery & Tools	635 Glebeholme Blvd., Toronto
Fletcher Manufacturing Company, Limited	883 Dundas Street East, Toronto
Ford-Smith Machine Company, Limited	Cavell Avenue, Hamilton
Foreman Marine Equipment, Limited	257 Fleet St. E., Toronto
Foster Wheeler, Limited	Eastchester Avenue, St. Catharines
Gault Elevator Company	463 Church Street, Toronto
Geraldton Bitts Limited	Geraldton
Gibson Machines	455 Keele Street, Toronto
Gilbert and Barker Manufacturing Company, Limited	64 Jefferson Avenue, Toronto
Glen Purvis Enterprises Limited	55 Talbot St., Blenheim
Goldsworthy, R. D., & Co. Ltd.	472 Mill St., Kitchener
Gossman, John	250 Epworth Ave., London
Greay, Wm. & J. G., Limited	56 Esplanade, Toronto
Graphic Machines	3 Sydney St., Toronto
Gromer Industries	551 Eastern Ave., Toronto
Gurney Scale Company, Limited	James and Colborne Streets, Hamilton
Hall, Fred, and Son	39 Wentworth Ave., North, Hamilton
Hamilton Gear and Machine Company	76 Van Horne Street, Toronto
Harley-Kay-Marsland Ltd.	Georgetown
Heath and Sherwood	6 Duncan Avenue, Kirkland Lake
Hepburn, John T., Limited	914-948 Dupont St., Toronto
Hobart Manufacturing Company, Limited	175 George St., Toronto
Hornet Industries Ltd.	151 Surrey St., Guelph
Hubbard Portable Oven Company of Canada, Limited	154 Duke Street, Toronto
International Business Machines Co., Limited	300 Campbell Ave., Toronto
International Machinery Company	73 Robert Street and Mars Avenue, Hamilton
Involute Gear Co.	321 Howland Ave., Toronto
Jackson-Cochrane, Limited	16 Victoria Street, Kitchener
Jardine, A. B. & Company, Limited	Avenue Street, Hespeler
Kennedy, Wm., & Sons, Limited	1144 - 1st Avenue West, Owen Sound
Ker and Goodwin Machinery Company, Limited	260 Colborne Street, Brantford
Kermath Manufacturing Company of Canada, Limited	619 King Street West, Toronto
Kribs, W. A., Co., Limited	Guelph Avenue, Hespeler
La France Fire Engine and Foamite, Limited	195 Weston Road, Toronto
Lakeshore Die Casting Ltd.	Queen Elizabeth Way, Oakville
Lakeshore Tool & Die Co.	100 Colborne St., Oakville
Lanark Industries Ltd.	671 Wyandotte St. E., Windsor
Leitch, Arthur S., Company, Limited	148 Harrison Street, Toronto
Link-Belt, Limited	791 Eastern Avenue, Toronto, and Elmira
Lock, H. H., & Sons, Limited	150 Perth Ave., Toronto
London Concrete Machinery Company, Limited	Cor. Cabell & Kitchener Ave., London
Long, E., Limited	Orillia



Machinery

LIST OF FIRMS IN THE MACHINERY INDUSTRY, 1947 (Continued)

Name of Firm	Location of Plant
<u>Ontario (Continued) -</u>	
Longyear, C.	1111 Main St. W., North Bay
MacDonald, K. R.	Georgetown
Mahaffy Iron Works, Limited	145 Kendal Avenue, Toronto
Mathews Conveyor Company, Limited	S. John Street, Port Hope
Maxwells, Limited	73 Park Street, St. Mary's
McLachlan, John, Estate	Cannington
McCaskey Systems, Limited	Beverley Street, Galt
McDougall, R., Company, Limited	Chapman Street, Galt
McInnis, C. H., Company	1857 Walker Road, Windsor
Merrickville Engineering Co. Ltd.	Merrickville
Miller Machine Works	14 Railroad St., Schumacher
Modern Devices Ltd.	Long Branch
Morris, Herbert, Crane & Hoist Co., Limited	Stanley Avenue, Niagara Falls
National Cash Register Co. of Canada, Limited	222 Lansdowne Avenue, Toronto
National Equipment Company, Limited	41 Wabash Avenue, Toronto
National Refining Company, Limited	34 Ross Street, Toronto
New Ontario Machine Works, Limited	7 First Ave., Timmins
Niagara Screens and Machines, Limited	188 Munro St., Toronto
Northern Crane & Hoist Works, Limited	Argyle Road, Walkerville
Northern Foundry & Machine Company, Limited	457 Bay Street, Sault Ste. Marie
Odd, H., Centerless Grinding Limited	71 Mill St., Kitchener
Oil Well Supply Company, Limited	Robert Street, Petrolia
Otis-Fensom Elevator Company, Limited	Victoria Avenue North, Hamilton
Ottawa Car and Aircraft Ltd.	325 Slater Street, Ottawa
Outboard Marine & Manufacturing Co. of Canada, Limited	Monaghan Road, Peterborough
Paasche Air Brush (Canada) Ltd.	864 Pape Ave., Toronto
Parkhill Machinery Co. Ltd.	Parkhill
Peerless Machine and Tool Company, Limited	59 Duke Street, Guelph
Pendrith Machinery Company, Limited	775 King Street West, Toronto
Perrin, William R., Limited	530 King Street East, Toronto
Perrin-Turner, Limited	530 King Street East, Toronto
Pitney-Bowes of Canada, Ltd.	181 King Street West, Toronto
Plant, W. P. (Estate)	Box 32, Hastings
Plewes-Jackson Engineering, Limited	58 Fraser Avenue, Toronto
Pollard Manufacturing Company, Limited	564 Ferguson Avenue, Niagara Falls
Preston Woodworking Machinery Co., Limited	Railway Street, Preston
Price Machine Products	Norfolk St. S., Simcoe
Provincial Butcher's Machinery Co.	393A Arlington Ave., Toronto
Provincial Engineering Limited	749 Buttrey St., Niagara Falls
Pumps and Softeners, Limited	680 Waterloo St., London
Rae Tool & Engineering, Limited	Shaw and Emerald Streets, Hamilton
Remington Rand, Limited	301 Sherman Avenue North, Hamilton
Richardson, C. and Company, Limited	24 Wellington Street, St. Mary's
Richmond Industrial Equipment, Limited	441 Adelaide St. W., Toronto
Roberts, F. W., Manufacturing Company of Canada, Limited	695 Buttrey Avenue, Niagara Falls
Roelfson Elevator Company, Limited	289 Sumach Street, Toronto
Rollins Gears Limited	16 Young St., Woodstock
Sandy Road Equipment Limited	Goderich
Sawyer-Massey, Limited	Barton and Caroline Sts., Hamilton
Scott Engineering Company, Limited	4289 Dundas St., Toronto
Service Station Equipment Company, Limited	101 Hanson Street, Toronto
Shank Conveyor and Washer Company	586 Yonge St.,
Smart-Turner Machine Company, Limited	191 Barton Street East, Hamilton
Smillie Steel Products, Limited	577 Oxford St., Toronto
Smith, L. C. & Corona Typewriters of Canada, Limited	37 Front Street East, Toronto
Smith and Travers Company, Limited	208 Walnut Street, Sudbury
Specialty Equipment Company	815 Queen Street West, Toronto
Stephens-Adamsan Manufacturing Company of Canada, Limited	
Stevens Company of Galt, Limited	30 Franklin Street, Belleville
	10 Rose Street, Galt



## LIST OF FIRMS IN THE MACHINERY INDUSTRY, 1947 (Continued)

Name of Firm	Location of Plant
<u>Ontario (Concluded)-</u>	
St. Lawrence Engine Company, Limited	St. Andrews Street, Brockville
Textile Services Ltd.	13 Brock St., Woodstock
Timken Roller Bearing Co.	St. Thomas
Thor-Canadian Company, Limited	888 Dupont St., Toronto
Thermoid Mould & Tool Works Limited	Bruce St., Welland
Toledo Scale Company of Canada Ltd.	2462 Howard Ave., Windsor
Toronto Engine Works, Limited	2 Laird Drive, Leaside
Toronto Textile Machinery Company	485 Wellington St. W., Toronto
Turnbull Elevator Company, Limited	126 John Street, Toronto
Underwood Elliott Fisher Manufacturing Company, Limited	354 Victoria Street, Toronto
United Steel Corporation, Limited	58 Pelham Ave., Toronto, Windsor, and 317 South Main Street, Welland
Vanstone, E. G., & Son	1139 King Street West, Toronto
Viking Pump Company of Canada, Limited	661 Grove Avenue, Windsor
Vulcan Metalcraft Ltd.,	193A King St. E., Toronto
Walker-Wallace, Limited	17 Cornwall Street, Toronto
Wallace & Tiernan, Limited	350 Sorauren Avenue, Toronto
Waterloo Manufacturing Company, Limited	67 King Street South, Waterloo
Waterous, Limited	South Market Street, Brantford
Wayne Forge & Machine Company, Limited	256-8 Adelaide Street West, Toronto
Wayne Pump Company	829 Richmond St. W., Toronto
Weaver Industries, Limited	341 Richmond Street, Chatham
Webster Air Equipment Company, Limited	140 Ann St., London
Welland Machine & Tool, Limited	Victoria Street, Welland
Westco Pump & Engineering, Limited	7 Stewart Street, Toronto
Wettlaufer-Welker Industries Limited	32 Queen Street, South, Waterloo
Williams Machines, Limited	311 Montrose Street, Preston
William Tool Corporation of Canada, Limited	36 Bridge Street, Brantford
Woodstock Machinery, Limited	655 Canterbury, Woodstock
Wright Industries, Limited	37-39 McCaul Street, Toronto
Yates, P. B., Machine Company, Limited	Cathcart and Robert Sts., Hamilton
<u>Manitoba -</u>	
Acme Fan & Blower Co., Limited	868 Arlington St., Winnipeg
Alpha Manufacturing Company, Limited	Midland and Notre Dame Avenue, Winnipeg
Elias, T., Mfg. Co.	1084 Winnipeg Ave., Winnipeg
Forever Industries, Limited	154 Princess Street, Winnipeg
Guarantee Laundry and Dry Cleaning Machinery Company	838 Winnipeg Street, Winnipeg
Hart-Emerson Company Ltd.	1425 Whyte Ave., Winnipeg
Hedley, P. E., & Sons	Hamiota
Kipp-Kelly, Limited	68 Higgins Avenue, Winnipeg
Maytag Company, Ltd.	Winnipeg
Monarch Machinery Co. Ltd.	889 Erin St., Winnipeg
Pydee & Evans Engineering Co. Ltd.	1018 Sherbrooke St., Winnipeg
Reimer, K. S., & Sons, Ltd.	St. Anne
Roberts, Wm., & Sons	120 Lombard Street, Winnipeg
Strong, Scott Manufacturing Company, Limited	772 Dufferin Avenue, Winnipeg
<u>Saskatchewan -</u>	
Richardson Road Machinery Company, Limited	112th Ave. and South St., Saskatoon
Rosthern Manufacturing Co.	Rosthern
Western Machine Works, Limited	6th Avenue and Searth Street, Regina
Universal Grain Loader Company	Grayson
<u>Alberta -</u>	
Coutts Machinery Company, Limited	10569 - 95th Street, Edmonton
Hoover Machine Co. Ltd.	#1 Hangar, Municipal Airport, Edmonton
Western Metal Fabricators Ltd.	2nd Ave. and 15th St. S., Lethbridge

## LIST OF FIRMS IN THE MACHINERY INDUSTRY - 1947 (Concluded)

Name of Firm	Location of Plant
<u>British Columbia -</u>	
Allard Engineering, Limited	1031 Quebec Street, New Westminster
Boyles Bros. Drilling Company Ltd.	1291 Parker St., Vancouver
Canadian Sumner Iron Works, Limited	3550 East Broadway, Vancouver
Canadian Dairy Products Ltd.	3715 Commercial Drive, Vancouver
Canadian Mobile Co. Ltd.	Ft. of Fell Ave., North Vancouver
C. & M. Machine Works	42 W. 8th Ave., Vancouver
Easthope Bros., Limited	1747 West Georgia Street, Vancouver
Equipment Sales & Rentals	603 Powell St., Vancouver
Galco Machines	553 W. 8th Ave., Vancouver
Gearmatic Co.	636 W. 6th Ave., Vancouver
Gilchrist Engineering Company, Limited	135 West 2nd Avenue, Vancouver
Gravely Equipment Co. Ltd.	121 Main St., Vancouver
Greenway Patents Ltd.	Coquitlam
Heaps Engineering, Limited	Ewen Avenue, New Westminster
Lawrence Manufacturing Company, Limited	595 West 8th Avenue, Vancouver
Leland Manufacturing Company	550 Union Street, Vancouver
Letson & Burpee, Limited	172 Alexander Street, Vancouver
Lipsett Engine and Manufacturing Co., Limited	1315 Powell St., Vancouver
Marine Iron Works, Limited	515 Pembroke Street, Victoria
Mitchell, George E., Refrigeration Ltd.	453 Thurlow St., Vancouver
Murray-Lata Machine Company, Limited	311 - 2nd Avenue West, Vancouver
Murdie, G. B., Limited	Harbour Road, Industrial Reserve, Victoria
Nicholson & Sons	666 Alexander Street, Vancouver
Opsal Steel Company, Limited	97 East 2nd Avenue, Vancouver
Pacific Truck & Trailer Ltd.	1460 Franklin St., Vancouver
Paragon Equipment Manufacturing Company, Limited	845 E. Hastings Street, Vancouver
Power Machinery Limited	148 East 3rd Avenue, Vancouver
Progressive Engineering Works, Limited	360 First Avenue West, Vancouver
Pumps and Power, Limited	1380 Napier Street, Vancouver
Simplex Engine and Manufacturing Co., Limited	1865 West Georgia Street, Vancouver
Tyee Machinery Company, Limited	Lot 71, Granville Island, Vancouver
Vancouver Engineering Works Ltd.	519 - 6th Ave. W., Vancouver
Vancouver Machinery Depot, Limited	1155 West 6th Avenue, Vancouver
Vancouver Mill Machinery	415 Railway St., Vancouver
Vivien Diesels and Munitions, Limited	1660 Station Street, Vancouver
Wagstaff Hoist, Limited	955 Kingsway, Vancouver
Webb and Gifford, Limited	222 Front Street, New Westminster
Western Mfg. & Sales Co. Ltd.	1623 West, 2nd Ave., Vancouver





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