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THE MACHINE SHOPS INDUSTRY

1954



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-604-124

Price 25 cents

Vol. 2—Part XII—H-1

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1956.

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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, 25¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 25¢
 - 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¢

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(For Printer's Use Only)

1954

THE MACHINE SHOPS INDUSTRY

1954

The Machine Shops Industry includes all independent machine shops which are occupied chiefly or solely in custom machining or repair work and which have gross yearly incomes in excess of \$5,000 each. Small shops which do less than \$5,000 worth of business each in a year are not included, nor are the shops which operate in connection with factories, mines, paper mills, etc.; the former are included in the Census of Merchandising and Services, and the latter are covered by the general reports submitted by concerns in these industries. Machine shops which make a regular line of products

for sale are classed as manufacturing plants and included in the appropriate industries.

A total of 653 establishments was included in this industry in 1954, there being 242 in Ontario, 142 in Quebec, 97 in British Columbia, 67 in Alberta, 39 in Manitoba, 25 in Nova Scotia, 22 in Saskatchewan, 13 in New Brunswick, 4 in Newfoundland and 2 in Prince Edward Island.

The number of workers employed in these shops in 1954 was 6,325, and the value of work done amounted to \$40,943,452.

Note: Figures for value added by manufacture shown in Table 1, 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, information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figure for 1954.

TABLE 1. Principal Statistics of the Machine Shops Industry,² Significant Years 1941-1954, and by Provinces, 1953 and 1954

| Year and province | Estab- | Em- | Earnings | Cost of | Cost of | Value | Gross value |
|----------------------------|------------|--------------|-------------------|----------------|-------------------|-------------------|-------------------|
| | lish- | ployees | | fuel and | materials | added by | of work |
| | No. | No. | \$ | \$ | \$ | \$ | \$ |
| 1941 | 238 | 2,926 | 4,380,567 | 181,722 | 2,464,676 | 7,431,367 | 10,077,765 |
| 1942 | 311 | 4,243 | 6,733,361 | 235,643 | 3,178,181 | 10,785,921 | 14,199,745 |
| 1943 | 405 | 6,609 | 11,395,002 | 366,560 | 4,649,965 | 18,234,509 | 23,251,034 |
| 1944 | 522 | 8,008 | 14,517,083 | 429,140 | 6,339,479 | 23,153,381 | 29,922,000 |
| 1945 | 479 | 6,740 | 12,549,187 | 406,338 | 6,560,145 | 18,615,694 | 25,582,177 |
| 1946 | 460 | 5,458 | 9,694,842 | 383,174 | 6,343,877 | 13,725,661 | 20,452,712 |
| 1949 | 546 | 6,027 | 12,840,235 | 567,107 | 8,465,249 | 19,129,335 | 28,161,691 |
| 1950 | 542 | 5,831 | 13,481,205 | 620,638 | 8,672,544 | 20,423,450 | 29,716,632 |
| 1951 | 559 | 6,231 | 16,218,976 | 667,376 | 10,814,175 | 25,472,584 | 36,954,135 |
| 1952 | 614 | 6,557 | 18,377,267 | 731,422 | 13,167,819 | 27,675,228 | 41,574,469 |
| 1953 | | | | | | | |
| Newfoundland | 4 | 76 | 200,456 | 8,977 | 157,380 | 294,860 | 461,217 |
| Prince Edward Island | 2 | | | | | | |
| Nova Scotia | 26 | 229 | 617,532 | 33,130 | 454,415 | 900,531 | 1,388,076 |
| New Brunswick | 12 | 178 | 468,376 | 20,851 | 353,511 | 445,518 | 819,880 |
| Quebec | 129 | 1,714 | 4,883,132 | 179,669 | 3,408,500 | 6,658,578 | 10,246,747 |
| Ontario | 232 | 2,334 | 6,939,030 | 275,333 | 4,333,606 | 11,013,775 | 15,622,714 |
| Manitoba | 37 | 308 | 915,718 | 32,821 | 493,306 | 1,523,889 | 2,050,016 |
| Saskatchewan | 21 | 89 | 243,888 | 17,712 | 202,844 | 366,492 | 587,048 |
| Alberta | 67 | 798 | 2,674,921 | 99,203 | 2,375,746 | 3,720,393 | 6,195,342 |
| British Columbia | 95 | 783 | 2,639,575 | 101,418 | 1,837,816 | 3,730,421 | 5,669,655 |
| Canada | 625 | 6,509 | 19,582,628 | 769,114 | 13,617,124 | 28,654,457 | 43,040,695 |
| 1954 | | | | | | | |
| Newfoundland | 4 | 69 | 186,229 | 6,954 | 113,607 | 272,233 | 393,025 |
| Prince Edward Island | 2 | | | | | | |
| Nova Scotia | 25 | 217 | 601,638 | 31,083 | 503,186 | 878,776 | 1,413,045 |
| New Brunswick | 13 | 177 | 462,368 | 24,873 | 318,017 | 578,446 | 919,885 |
| Quebec | 142 | 1,675 | 4,807,294 | 207,385 | 3,506,554 | 6,566,682 | 10,237,469 |
| Ontario | 242 | 2,222 | 6,605,446 | 281,342 | 3,874,186 | 9,480,427 | 13,612,243 |
| Manitoba | 39 | 320 | 970,644 | 35,784 | 620,558 | 1,447,224 | 2,094,681 |
| Saskatchewan | 22 | 107 | 261,128 | 20,549 | 219,379 | 415,906 | 648,086 |
| Alberta | 67 | 736 | 2,489,152 | 106,710 | 1,748,524 | 3,815,068 | 5,670,730 |
| British Columbia | 97 | 802 | 2,811,559 | 111,930 | 2,031,619 | 3,816,482 | 5,954,288 |
| Canada | 653 | 6,325 | 19,195,458 | 826,610 | 12,935,630 | 27,271,344 | 40,943,452 |

1. See footnote to text.

2. This industry was not included in the census of manufactures prior to 1941.

TABLE 2. Inventories¹, 1954

| | Raw materials and supplies | Goods in process | Finished goods of own manufacture | Total |
|----------------------------|----------------------------------|---------------------|---|------------------|
| | \$ | \$ | \$ | \$ |
| Opening: | | | | |
| Newfoundland | 7,000 | 2,800 | 6,376 | 16,176 |
| Prince Edward Island | | | | |
| Nova Scotia | 132,538 | — | — | 132,538 |
| New Brunswick | 86,796 | 7,931 | 3,991 | 98,718 |
| Quebec | 954,822 | 525,029 | 84,938 | 1,564,789 |
| Ontario | 750,246 | 315,240 | 327,165 | 1,392,651 |
| Manitoba | 170,123 | 68,877 | 13,822 | 252,822 |
| Saskatchewan | 27,886 | 27,733 | — | 55,619 |
| Alberta | 586,687 | 92,474 | 27,506 | 706,667 |
| British Columbia | 472,977 | 101,498 | 47,296 | 621,771 |
| Canada | 3,189,075 | 1,141,582 | 511,094 | 4,841,751 |
| Closing: | | | | |
| Newfoundland | 7,090 | 2,874 | 6,145 | 16,109 |
| Prince Edward Island | | | | |
| Nova Scotia | 140,677 | — | — | 140,677 |
| New Brunswick | 88,781 | 8,057 | 5,442 | 102,280 |
| Quebec | 1,137,181 | 583,038 | 128,090 | 1,848,309 |
| Ontario | 810,468 | 363,724 | 350,877 | 1,525,069 |
| Manitoba | 180,047 | 60,596 | 22,807 | 263,450 |
| Saskatchewan | 33,328 | 22,237 | 7,748 | 63,313 |
| Alberta | 501,299 | 69,510 | 27,078 | 597,887 |
| British Columbia | 526,861 | 120,934 | 53,039 | 700,834 |
| Canada | 3,425,732 | 1,230,970 | 601,226 | 5,257,928 |

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 Machine Shops Industry for the year under review are shown in the above table.

TABLE 3. Principal Statistics Classified According to Type of Ownership - 1953 and 1954

| Type | Establishments | Employees | Earnings | Cost at plant of materials used | Gross value of work done |
|------------------------------|----------------|--------------|-------------------|---------------------------------|--------------------------|
| | No. | No. | \$ | \$ | \$ |
| 1953 | | | | | |
| Individual ownership | 261 | 1,370 | 3,450,397 | 2,112,693 | 6,574,918 |
| Partnerships | 140 | 968 | 2,545,368 | 1,759,151 | 5,618,791 |
| Incorporated companies | 224 | 4,171 | 13,586,863 | 9,745,280 | 30,846,986 |
| Total | 625 | 6,509 | 19,582,628 | 13,617,124 | 43,040,695 |
| 1954 | | | | | |
| Individual ownership | 277 | 1,415 | 3,413,203 | 2,037,248 | 7,304,590 |
| Partnerships | 138 | 973 | 2,602,036 | 1,934,231 | 5,614,082 |
| Incorporated companies | 237 | 3,937 | 13,180,219 | 8,964,151 | 28,024,780 |
| Co-operatives | 1 | | | | |
| Total | 653 | 6,325 | 19,195,458 | 12,935,630 | 40,943,452 |

TABLE 4. Principal Statistics of the Machine Shops Industry in Canada, Grouped According to Size of Establishment, 1953 and 1954

| Establishments reporting gross value of work done | Establishments | Employees | Earnings | Cost at plant of materials used | Gross value of work done |
|---|----------------|--------------|-------------------|---------------------------------|--------------------------|
| | No. | No. | \$ | \$ | \$ |
| 1953 | | | | | |
| Under \$25,000 | 241 | 716 | 1,628,779 | 815,240 | 2,207,953 |
| \$25,000 to \$49,999 | 148 | 1,060 | 2,709,779 | 1,540,151 | 5,439,723 |
| \$50,000 to \$99,999 | 118 | 1,375 | 3,774,837 | 2,449,742 | 8,176,385 |
| \$100,000 to \$199,999 | 80 | 1,544 | 5,195,786 | 3,383,774 | 11,287,308 |
| \$200,000 to \$499,999 | 29 | 1,087 | 3,764,328 | 2,618,627 | 8,398,761 |
| \$500,000 to \$999,999 | 6 | 342 | 1,290,067 | 1,615,232 | 3,843,510 |
| \$1,000,000 to \$4,999,999 | 3 | 385 | 1,219,052 | 1,194,358 | 3,687,055 |
| Total | 625 | 6,509 | 19,582,628 | 13,617,124 | 43,040,693 |
| 1954 | | | | | |
| Under \$25,000 | 276 | 866 | 1,994,625 | 1,061,445 | 3,966,404 |
| \$25,000 to \$49,999 | 138 | 991 | 2,448,668 | 1,411,398 | 5,019,140 |
| \$50,000 to \$99,999 | 128 | 1,560 | 4,549,102 | 2,583,076 | 9,145,267 |
| \$100,000 to \$199,999 | 80 | 1,563 | 5,299,622 | 3,670,070 | 11,060,332 |
| \$200,000 to \$499,999 | 25 | 869 | 3,179,042 | 2,294,339 | 7,094,326 |
| \$500,000 to \$999,999 | 5 | 476 | 1,724,399 | 1,915,302 | 4,657,983 |
| \$1,000,000 to \$4,999,999 | 1 | | | | |
| Total | 653 | 6,325 | 19,195,458 | 12,935,630 | 40,943,452 |

TABLE 5. Capital and Repair Expenditures in the Machine Shops Industry, 1950-1954

| 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 | | | | | | | |
| 1950..... | 143 | 396 | 539 | 217 | 447 | 664 | 1,203 |
| 1951..... | 613 | 869 | 1,482 | 335 | 527 | 862 | 2,344 |
| 1952..... | 515 | 1,628 | 2,143 | 388 | 622 | 1,010 | 3,153 |
| 1953..... | 438 | 1,174 | 1,612 | 284 | 518 | 802 | 2,414 |
| 1954 ¹ | 460 | 785 | 1,245 | 156 | 492 | 648 | 1,893 |

1. Preliminary.

IRON AND STEEL PRODUCTS

TABLE 6. Employees and Their Earnings in the Machine Shops Industry, 1953 and 1954

| Province | Number of employees | | | | | Earnings | | |
|----------------------------|------------------------|--------|--------------------|--------|-------|------------------------|--------------------|------------|
| | Supervisory and office | | Production workers | | Total | Supervisory and office | Production workers | Total |
| | Male | Female | Male | Female | | | | \$ |
| 1953 | | | | | | | | |
| Newfoundland | | | | | | | | |
| Prince Edward Island | 12 | 4 | 60 | — | 76 | 50,981 | 149,475 | 200,456 |
| Nova Scotia..... | 45 | 11 | 170 | 3 | 229 | 152,105 | 465,427 | 617,532 |
| New Brunswick..... | 32 | 12 | 133 | 1 | 178 | 133,562 | 334,814 | 468,376 |
| Quebec..... | 338 | 51 | 1,308 | 17 | 1,714 | 1,345,268 | 3,537,864 | 4,883,132 |
| Ontario..... | 433 | 108 | 1,751 | 42 | 2,334 | 1,923,782 | 5,015,248 | 6,939,030 |
| Manitoba | 78 | 4 | 225 | 1 | 308 | 306,000 | 609,718 | 915,718 |
| Saskatchewan | 27 | 3 | 58 | 1 | 89 | 92,617 | 151,271 | 243,888 |
| Alberta..... | 176 | 25 | 593 | 4 | 798 | 773,808 | 1,901,113 | 2,674,921 |
| British Columbia | 209 | 30 | 532 | 12 | 783 | 904,313 | 1,735,262 | 2,639,575 |
| Canada..... | 1,350 | 248 | 4,830 | 81 | 6,509 | 5,682,436 | 13,900,192 | 19,582,628 |
| 1954 | | | | | | | | |
| Newfoundland | | | | | | | | |
| Prince Edward Island | 13 | 3 | 53 | — | 69 | 48,165 | 138,064 | 186,229 |
| Nova Scotia..... | 42 | 9 | 165 | 1 | 217 | 141,606 | 460,032 | 601,638 |
| New Brunswick..... | 33 | 10 | 133 | 1 | 177 | 135,925 | 326,443 | 462,368 |
| Quebec..... | 332 | 58 | 1,264 | 21 | 1,675 | 1,319,094 | 3,488,200 | 4,807,294 |
| Ontario..... | 444 | 100 | 1,652 | 26 | 2,222 | 1,996,580 | 4,608,866 | 6,605,446 |
| Manitoba | 85 | 3 | 232 | — | 320 | 355,752 | 614,892 | 970,644 |
| Saskatchewan | 30 | 4 | 66 | 7 | 107 | 92,341 | 168,787 | 261,128 |
| Alberta..... | 162 | 21 | 552 | 1 | 736 | 686,727 | 1,802,425 | 2,489,152 |
| British Columbia | 210 | 30 | 554 | 8 | 802 | 938,841 | 1,872,718 | 2,811,559 |
| Canada..... | 1,351 | 238 | 4,671 | 65 | 6,325 | 5,715,031 | 13,480,427 | 19,195,458 |

TABLE 7. Production Workers, by Months, 1953 and 1954

| Month | 1953 | | | 1954 | | |
|----------------|-------|--------|-------|-------|--------|-------|
| | Male | Female | Total | Male | Female | Total |
| January..... | 4,871 | 79 | 4,950 | 4,591 | 61 | 4,652 |
| February..... | 4,983 | 80 | 5,063 | 4,692 | 62 | 4,754 |
| March | 5,016 | 84 | 5,100 | 4,695 | 61 | 4,756 |
| April..... | 4,933 | 87 | 5,020 | 4,704 | 60 | 4,764 |
| May | 4,870 | 86 | 4,956 | 4,739 | 56 | 4,795 |
| June | 4,850 | 84 | 4,934 | 4,819 | 52 | 4,871 |
| July..... | 4,856 | 78 | 4,934 | 4,709 | 62 | 4,771 |
| August | 4,819 | 80 | 4,899 | 4,679 | 66 | 4,745 |
| September..... | 4,726 | 82 | 4,808 | 4,658 | 75 | 4,733 |
| October..... | 4,714 | 83 | 4,797 | 4,646 | 79 | 4,725 |
| November | 4,678 | 77 | 4,755 | 4,629 | 78 | 4,707 |
| December | 4,666 | 75 | 4,741 | 4,580 | 75 | 4,655 |
| Average | 4,830 | 81 | 4,911 | 4,671 | 65 | 4,736 |

List of Firms in the Machine Shops Industry, 1954

(With annual production in excess of \$5,000)

| Name | Address |
|---|-----------------------------------|
| Newfoundland: | |
| Central Machine Shop | Twillingate |
| Diamond Engineering Works | St. John's |
| Fry's Engineering Works Ltd. | Springdale St., St. John's |
| Marine Iron Works Ltd. | 449 Water St., St. John's |
| Prince Edward Island: | |
| Bishop, Thomas H., & Son | Summerside |
| Hall & Stavert Ltd. | 49 Pownal, Charlottetown |
| Nova Scotia: | |
| Antigonish Machine Shop | Antigonish |
| Atkinson, G.D. | Shelburne |
| Atkinson & Bower | Shelburne |
| Atlantic Spring & Machine Co. Limited | King's Road, Sydney |
| Chiasson & MacDonald Ltd. | King's Road, Sydney |
| Dartmouth Machine Co. Ltd. | Parker St., Dartmouth |
| Digby Forging & Machine Co. Ltd. | Digby |
| Eastern Machine Shop | 26 Poplar Grove, Halifax |
| Fairview Industrial Engineering Ltd. | 325 Dutch Village Rd., Halifax |
| Falmouth Machine Shop | Falmouth |
| Gunn's Machine & Welding Shop | 34 N. Provost St., New Glasgow |
| Hamilton & Porter | Water St., Yarmouth |
| Hawbolt's Machine Shop | 12 Allen St., Halifax |
| Hemeon, M.C., Limited | Water St., Yarmouth |
| Maritime Cylinder Grinding Co. Ltd. | 24 Salter St., Halifax |
| McLellan, G.W. | Lower Onslow |
| Moir, W. & A., Limited | 694 Barrington St., Halifax |
| Nova Scotia Armature Works | 8 Poplar Grove, Halifax |
| Parnell, E.H., Machine Co. | Liverpool |
| Saulnier, Francis | Yarmouth |
| Shaw & McDonald, Ltd. | 51 South St., Glace Bay |
| Spencer, J.C.R., Machine Shop | 10 Brunswick St., Truro |
| Truro Machine Works | Lower Truro |
| Warren, R.S. | Bay Road, Bridgetown |
| Webb Engineering Limited | 337 Dutch Village Road, Halifax |
| New Brunswick: | |
| Castle Machine Works | Newcastle |
| Fredericton Welding & Machine Shop | 162 King St., Fredericton |
| Horsnell Machine & Iron Works Ltd. | 329 King St., Fredericton |
| Kelso, William W. | Main St., Sussex |
| Laforge & Lajoie | Grand Falls |
| Meed's Machine Shop Ltd. | Bristol |
| Miramichi Foundry & Machine Works Ltd. | Water St., Chatham |
| Osborne Welding Company | 12 Peters Wharf, Saint John |
| Pope, A.O., Limited | 90 Winter St., Saint John |
| Shediac Garage & Machine Shop | Shediac |
| Stephenson, E.S., & Co., Ltd. | 17 Nelson St., Saint John |
| Thomas Brothers | Centreville |
| Williamson, J. Fred, Limited. | Bridge St., Saint John |
| Quebec: | |
| Albon Welding & Mechanical Works Ltd. | 1584 Iberville, Montreal |
| Alie Machine Shop | 150 Montcalm St., Hull |
| American Machinist Co. Reg'd. | 3A Commissioner W., Montreal |
| Argo Machine Tools Inc. | 5605 St. André St., Montreal |
| Atelier Mécanique de Beaute Enrg. | Beaucheville Est |
| Béchard & Fortin Inc. | Ste. Claire |
| Bellefeuille & Frères | 1839 Notre Dame St., Three Rivers |
| Bérubé, Adelard | Amqui |
| Boivin & Fils Enrg. | 309 Tessier Ave., Chicoutimi |
| Boulanger, T. H., Enrg. | 385 St-Hubert, Montréal |
| Bowers Machine Co. Ltd. | 5860 St. Lawrence Blvd., Montreal |
| Brunelle, G., Machine Shop | 33—21ème Ave., Iberville |
| B. & A., Limited | 161 Stirling Ave., Ville La Salle |
| Cadieux, Wilfred | 815 St. Paul St. W., Montreal |
| Canadian Metal Industry Reg'd. | 5331 — 12th Ave., Montreal |
| Cardin, A., Machihe Shop Reg'd. | 183 Laval, Granby |

List of Firms in the Machine Shops Industry, 1954 — Continued

| Name | Address |
|--|---|
| Quebec —continued: | |
| Cartier Machine Shop | 1, rue Dollard, Joliette |
| Causapscal Machine Shop | Causapscal |
| Central Machine Works Ltd. | 704 St. James W., Montreal |
| Chardo Industries Ltd. | 5000 — 13th Ave., Rosemont, Montreal |
| Charland Welding, Machine Shop | 181 Blvd. Boivin, Grandby |
| Cliche, Jos., & Fils Ltée | 39 Agnès, Mégantic |
| Cobra Industries Inc. | 500 Dorchester, Québec |
| Construction Engineering Co. | 4306 City Hall Ave., Montreal |
| Coach Form & Tool Grinding | 49A St. Laurent, Longueuil |
| Crankshaft Grinder Reg'd. | 820 Notre Dame St. W., Montreal |
| Davidge & Co. Ltd. | 1726-1732 Notre Dame St. W., Montreal |
| Dallaire Metal Industries | 7926 Hugo, Ville St. Michel |
| De Jean, L., & Cie Ltée | 1405 St-Jacques O., Montréal |
| Defalco, P., & Co. | 31 Notre Dame St. E., Montreal |
| DesFossés, Raoul | Iberville |
| Després, Alfred, Inc. | 66 St. André, Québec |
| Dominion Machine Shop Reg'd. | 1106 St. Vallier St. E., Quebec |
| Dominion Tool Works | 121 St. Denis Ave., St. Lambert |
| Drolet et Côté | 261 Christophe Colomb St., Quebec |
| Dubé, Aurèle | 3674 St-Laurent Blvd., Montreal 18 |
| Dunn, J., & Co. | 1570 Iberville, Montreal |
| Eastern Industries Ltd. | Drummondville |
| Eastern Townships Machine Works | 1045 Cabana, Sherbrooke |
| Empire Machine Company Ltd. | 1535 Gladstone St., Montreal |
| F. & M. Machine Shop | 6035 Hamilton St., Montreal |
| Filion & Fils Enrg. | 130 Blvd. Ste-Anne, Giffard |
| Fortin & Frères Enrg. | Waterloo |
| Frontenac Machine Shop Inc. | Terrebonne |
| Gagné Machine Shop | 2750 Rozel St., Montreal |
| Gagné Machine Shop | 17 St. Charles N., Granby |
| Gauvreau & Fils Enrg. | Village La Province |
| General Machine Works Ltd. | 911 St. George St., Montreal |
| General Manufacturing Co. Ltd. | 26 Lafontaine St., Drummondville |
| Gilbert Machine Shop | 837 De L'Épée Ave., Montreal |
| Gingras & Charest | 550, rue Ste-Hélène, Québec |
| Goyette, J. Alida | 87 Champlain St., Valleyfield |
| Guerette & Frères Ltd. | 249 St-Alexandre, Longueuil |
| Guerin Machine Shop | 63 St-Ignace, Laprairie |
| H. & A. Mfg. Company | 1815 Lecaren St., Montreal |
| Handy Machine Shop & Supply Ltd. | Canton Bélangier |
| Hanlan, Mark, Machine Co. Ltd. | 50 — 13th St., Noranda |
| Hardy et Frères, Limitée | St-Casimir |
| Paynes, William, Reg'd. | 1221 City Hall Ave., Montreal |
| Hepworth Lachine Eng. Co. | 120 — 21st Ave., Lachine |
| Hooker's Machine Works & Foundry | Huntingdon |
| Huot, Stanislas, Enrg. | 74 Ste-Hélène St., Quebec |
| Iberville Machine Shop | Iberville |
| Ideal Machine Shop Reg'd. | 166 Blvd. St. Luc, Asbestos |
| Industrial Machinery Ltd. | 3560 St. Joseph Blvd. E., Montreal |
| Industrial Screw & Machine Works Ltd. | 8203 Casgrain, Montreal |
| Industrial Supply Inc. | 4579 De La Roche St., Montreal |
| Industrial Welding & Machine Works Ltd. | Noranda |
| Jolly, Phil, Engineering Limited | 8905 Park Ave., Montreal |
| Joyal Machine Shop | Drummondville |
| Kelly Machine Shop Ltd. | 685 Montmartre St., Quebec |
| Kiely, Martin, Co. Ltd. | 1161 William St., Montreal |
| Laberge & Le François Inc. | 915 Sté-Thérèse, Quebec |
| Labrie Manufacturing | 6510 Dumas St., Montreal |
| Lachapelle Machine Shop Enrg. | 46 St-Joseph, Terrebonne |
| La Fonderie "Universal" Enrg. | 288 Notre Dame E., Victoriaville |
| Lajoie, O. | St-Pie |
| Lakeshore Industries Inc. | 68 St. Joseph Blvd., Dorval |
| La Machinerie Idéale Cie Ltée | St-Césaire |
| La Machinerie Omega Ltd. | 390 Mondor Ave., St. Hyacinthe |
| Langevin, G., Machine Shop | 2050 Charlemagne, Montreal |
| Lapointe & Bélanger Ltée | Ancienne Lorette |
| Laval Industries Ltd. | Pont Viau |
| Leclerc, Armand, Machine Shop | 1 Brossard St., Laprairie |
| Lefebvre Frères Ltée | 970 de Bullion St., Montreal |
| Leger, A.R., & Co. | 8500 Gouin Blvd. E., Rivière des Prairies |
| Les Ateliers Emile Couture, Ltée | 61 Jacques-Cartier ouest, Chicoutimi |
| Lévis Letourneau Machine Shop | 390 — 3rd St., Limoilou |
| Machine Work, Limited | 1010 St. Alexander St., Montreal |
| Machinery Perron | St-Casimir |

List of Firms in the Machine Shops Industry, 1954 — Continued

| Name | Address |
|---|--|
| Quebec — concluded: | |
| Malo, Arcadius | 625 de Lanaudière, Joliette |
| Marvel Machine Works, Ltd. | 50 Craig St. W., Montreal |
| Massicotte & Arcand | 81, rue Richelieu, Cap de la Madeleine |
| Matte, Gaston | La Tuque |
| McGuire, Jos. P., Ltd. | 1430 Island St., Montreal |
| McRob Industries Reg'd. | 8745 Notre Dame St. E., Montreal |
| Ménard, Alfred | 29 Bosse, Chicoutimi |
| Mercier & Fils Enrg. | 80B St. Laurent, Lévis |
| Miller, C. & H., Bros. | Gaspe Harbour |
| Modern Devices Mfg. Co. | 1226 St. Urbain, Montreal |
| Montcalm Machine Shop | 824 De L'Epée Ave., Outremont, Montreal |
| Mont-Joli Machinerie Enrg. | Mont-Joli |
| Montreal Mechanical Enterprises Co. Ltd. | 1561 Papineau St., Montreal |
| Montreal Scale Works Enrg. | 421 Donsecours St., Montreal |
| Morris, F. L., Machine Shop | 72 Dennison Ave., Granby |
| Nordale Metalcraft Ltd. | 35 Cartier, Sherbrooke |
| Ostegaard, E. | 2024 McGill College Ave., Montreal |
| Ouellet & Laberge Ltée | 116 Christophe Colomb St., Quebec |
| Papineau Machine Shop | 7912-16 ième ave., Ville St-Michel |
| Poulin, J.E., Reg'd. | 999 St. Élizabeth St., Montreal 18 |
| Provost, Edward | 800, Sud rue Wellington, Sherbrooke |
| Proulx & Bahen Reg'd. | 299 Colborne St., Montreal |
| Proulx, A., et Fils | 166 First St., Iberville |
| Quebec Tools & Machine Works Ltd. | 9770 Blvd. St. Laurent, Montreal 14 |
| Rainville, G., Machine Shop | 7 Mercier St., Iberville |
| Rona Machine Works Reg'd. | 110 St. Peter St., Montreal |
| Ruel, J. R. | 24 Royale, Québec |
| Saquebay Industries Ltd. | Port Alfred |
| Savard Machine Shop Enrg. | 98, rue Roy, Ville St. Laurent |
| Sauvé & Desjean Machine Shop | 231 Dufferin Rd., Valleyfield |
| Sicotte Machine Shop Ltd. | 4720 Papineau St., Montreal 34 |
| Skyway Hydraulics Co. | 4305 Orleans St., Montreal |
| Sondure De Thetford | Thetford Mines |
| Soucy, Adelard, Ltée | 217 Temiscouata St./ St. Ludger, Co. Rivière du Loup |
| St. John's Tool & Die | 272 St. Pierre, St. Jean |
| St. Lawrence Engine & Machine Co. | 16 Demontigny St. E., Montreal |
| Steel Plate Mfg. Co. | 590 St. Remi, Montreal |
| Stevenson, George | 555 Maple Ave., St. Lambert |
| Stewart Machine Works Ltd. | 54—14th St., Noranda |
| Sunset Industries Reg'd. | 1092 Clark, Montreal |
| Tac Machine Shop Enrg. | 260 Montigny, St. Jérôme |
| Tanguay, Nap., & Fils | 94 Bourget, Montreal |
| Terrebonne Industries, Enrg. | 230 St-Louis, Terrebonne |
| Tingley, H.A., Reg'd. | 990-2 Lagachetière St. W., Montreal |
| Trahan Machine Shop | Grand'mère |
| Tremblay, Vincent, Machiniste Inc. | 1655 Letourneau St., Montreal |
| Trottier, A. | Dolbeau |
| Turcotte Machine Works Reg'd. | 5207-81 ième ave., Rosemont |
| Vallée, Philippe | Shawinigan Falls |
| Vohl Adrien, & Fils Enrg. | St. Marc Des Carrières |
| Walsh, W.F., Ltd. | 56 Prince St., Montreal 3 |
| William, A.D., Mfg. Co. Ltd. | Montmagny |
| Ontario: | |
| A-1 Engineering | Rear 3036 Dundas St. W., Toronto |
| Aalus Engiiping Co. Ltd. | 2783 Danforth Ave., Toronto |
| Acme Machine & Tool Works of Palmerston & Harriston | Palmerston |
| Active Tool Works Limited | 645 King St. W., Toronto |
| Allatt Machine & Tool Co. | 201 Queen St. E., Toronto 2 |
| All-Weld Company, Ltd. | 24 Carlaw Ave., Toronto 8 |
| Amak Mfg. Co. Ltd. | 576 Front St. W., Toronto 2B |
| Andros, C. | 109 Leicester Ave., Toronto |
| Appleford Bros. | Tillsonburg |
| Arklus Machine Tool Works | Ferguson and Muir Sts., Niagara Falls |
| Armstrong Bros. Engineering Co. Ltd. | 136 Adelaide St. W., Toronto |
| Associated Tool & Mfg. Co. Ltd. | 3673 Dufferin, Downsview P.O. |
| Atlas Polar Co. Ltd. | P.O. Box 160-60 Northline Rd., Toronto 16 |
| Avery Machine Shop | 44 Amelia St., Toronto |
| Aylmer Toolcraft | 23 Raglan St., Aylmer |
| Baderski, Frank, & Son | 464 Algonquin Blvd. E., Timmins |
| Bain, James, & Son | 96 Mary St., Hamilton |
| Baird Machines Ltd. | 568 Dundas St., Woodstock |
| Bakerville Foundry & Machine Shop | Woodslee |

List of Firms in the Machine Shops Industry, 1954 - Continued

| Name | Address |
|-------------------------------------|-------------------------------------|
| Ontario - continued: | |
| Barlow Tool & Engineering Co. | 280 Rosalyn Ave. N., Hamilton |
| Barnes Machine Shop | 137 Water St., Wallaceburg |
| Barrie Welding & Machine Co. | 17 Mulcaster St., Barrie |
| Barton, F. E., Company | 219 Egerton St., London |
| Baxter & Sweet Co. | Old Brick Yard Rd., North Bay |
| Beasley's Machine Shop | 410 N. Front St., Sarnia |
| Bekaert Machine & Tool Repair | 271 Inshes Ave., Chatham |
| Benner, B.L., Machine Shop | 347 Talbot St., Aylmer |
| Bexton, S., & Son | 385 Horton St., London |
| Blaco Automotive Products Limited | 3114 Dundas St. W., Toronto 9 |
| Borland's Machine Shop | 1024-1st Ave. W., Owen Sound |
| Bowman Tools | Drumbo |
| Bradley Machine Company Limited | 38 Clarence St., Brantford |
| Brandon Machine & Tool Co. | 204 Gage Ave. N., Hamilton |
| Branson Machine Shop & Tool | 300 McGill St., Peterborough |
| Britton Machine & Welding | 16 Gordon St., Guelph |
| Brockworth Industries | 857 Queensway, Toronto |
| Brown Engineering Corporation | 15 Alcorn Ave., Toronto |
| Burston, R., Machine Co. | 30 Dartnell Ave., Toronto |
| Canadian Beaver Company Limited | 993 Eastern Ave., Toronto |
| Carson, J., & Sons | 95 Hamilton Rd., London |
| Carter's Electric Service | 55 McCormick, Toronto |
| C.B. Engineering Co. | 23 Jarvis St., Toronto |
| Champion Machine & Tool Co. | 191 King St. E., Toronto |
| Chatham Machine Works | 309½ King St. W., Chatham |
| Clarke Bros. Machine Co. Ltd. | 160 Duke St., Toronto |
| Clark, Kennedy, & Company | 931 Weston Road, Toronto |
| Clemence, T.H., & Son | 127 Barnesdale Ave. N., Hamilton |
| Cochrane Machine Works | Cochrane |
| Cole's Machine Shop | 290 York St., Hamilton |
| Coleman Machine & Tool Co. Ltd. | 1292 Dupont St., Toronto |
| Comber Machine Shop | McAllister St., Comber |
| Contractors Service Limited | 38 Commercial Road, Leaside |
| Cooper Machine & Tool Co. | 29 Stafford St., Toronto |
| Corman Engineering Co. Ltd. | 525 Richmond St. W., Toronto |
| Craig, James, & Son | 54 Logan Ave., Toronto |
| Craig, W.F., Machines, Ltd. | 405 Simcoe St., Woodstock |
| Cross Machine Shop | 82 South Court, Port Arthur |
| Crysler Machine Co. Limited | 193 St. Paul St. W., St. Catharines |
| Cweco Industries Limited | 4 West Lodge Ave., Toronto |
| Damman Machine | 84 King St. N., Waterloo |
| Damp Bros. Machine & Welding Co. | 872 Dufferin St., Toronto |
| Dashwood, D., & Sons | 117 Main St., Dunnville |
| Diecraft Limited | Renfrew |
| Dillon, E. & R., Manufacturing Co. | Rear 741 Queen St. E., Toronto |
| Dingwell Machine Shop | 79 Machan St., Port Arthur |
| Dodd, T.W., Machine Shop | Rear 72 Rodman St., St. Catharines |
| Domora Jobbers | Belleville |
| Duncan, G. L., & Co. | R.R. No. 6, Galt |
| East End Welding Co. | 1086 Cannon St. E., Hamilton |
| Eastern Scale Works | 143 Parliament St., Toronto |
| Ebert & Pettman | Armstrong St., New Liskeard |
| Edward, George H., Fine Instruments | 2150 Yonge St., Toronto |
| Elliott's Machine Shop | Maitland Terrace, Strathroy |
| Eirose Machine Products Ltd. | 1 Elrose, Weston |
| Essex Machine & Tool Co. Ltd. | 862 Walker Rd., Windsor |
| Evans, H., Machinery Co. | 316 William St., London |
| Feldcamp & Fraser | Trans. Canada Hwy., North Bay |
| Ferraby Machine & Repair Shop | 1188 Frances St., London |
| Finkle Machine Co. | 68 Dundas St. W., Belleville |
| Fleming Motors Ltd. | 16 Queen St. E., Galt |
| Flexen, C.E., Machine Co. Ltd. | 11 Manitoba St., St. Thomas |
| Forrest Foundry Ltd. | 300 Howland St., Toronto |
| Gawne, C.L., Machine Shop | Richmond St., Chatham |
| General Instrument Co. | 37 Hanna Ave., Toronto |
| General Machine Shop Ltd. | 89 York St., London |
| General Metallic Parts Ltd. | 526 Bay St., Toronto |
| Geometrix Limited | 1120 Castlefield Ave., Toronto |
| Girotti Machine Works Ltd. | Merritton |
| Gladding's Machine Shop | Sheard Ave., Brampton |
| Goddard Machine & Stamping Co. | 49 Lucy Ave., Toronto |
| Goodwin Metal Products Ltd. | 300 Edinburgh St., Peterborough |
| Gordon Machine Co. | 1539 Crawford Ave., Windsor |
| Gough Engineering Co. Limited, The | Rear 232 John St. N., Hamilton |

List of Firms in the Machine Shops Industry, 1954 — Continued

| Name | Address |
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| Ontario — continued: | |
| Grace Bros. Machine & Tool | Box 497, Huntsville |
| Great Lakes Boat & Machine Co. Ltd. | Sunnyside, Midland |
| Greenleaf Company | 10 Foundry St., Belleville |
| Greville, Gattie, Machine Co. | 179 Earlsdale Ave., Toronto |
| Haliburton Machine Shop | Haliburton |
| Hall, Fred. & Son | 39 Wentworth St. N., Hamilton |
| Halton Metal Products | Lower Middle Rd., Oakville |
| Hamer Meter Co., Ltd. | 426 Queen St. E., Toronto 2 |
| Hammetts Machine Shop | 6 Oak St., Brockville |
| Happy Home Co. | 12 St. Clarens Ave., Toronto |
| Harman Process (Eastern) Ltd. | 8-10 Carlaw Ave., Toronto |
| Harnden & Newell Ltd. | 160 Pine St. S., Timmins |
| Harper Machine Co. | 18 Clarence St., Brantford |
| Harri Machine Shop | 35 Morrell, Brantford |
| Harris Machine Co. | 4 Rosemount St., Weston |
| H. & S. Machine Works | 1488 Arthur St., Niagara Falls |
| Hastings, R., & Co. Limited | 284 Maple Leaf Drive, Weston |
| Hawkesbury Machine Shop Limited | Hawkesbury |
| Hawkins Machine Shop | Mitchell |
| Hayes Steel Products Ltd. | Red Lake |
| Henry's Machine Shop Ltd. | 46 George St., Brockville |
| Herculock Ltd. | P.O. Box 142, Niagara Falls |
| Hodgins, F. W. | Fort Francis |
| Hood & Co. | 1424 Alexandre, Lakeview |
| Hooper & Bird Machine Shop | 473A High St., Orillia |
| Huffman Brothers | 22 Cavan St., Port Hope |
| Humber Machine & Tool | Alderwood |
| Humberstone Port Machine Works | Chestnut & Wellington Sts., Port Colbourne |
| Hunter Bridge & Boiler Works | Fincardine |
| I.X.L. Engineering Company | 2002 Dundas St. W., Toronto |
| Ideal Engine Repairs | 17 South St., St. Catharines |
| Inaerco Limited | Perth |
| J. & R. Products | 94 Grey St., Brantford |
| Jackson Marine Engineering & Foundry Co. Ltd. | 302-388 King St. E., Kingston |
| Jackson's Mfg. & Machining | Tillsonburg |
| Jan-zen Products | 50 Marlee Ave., Toronto |
| Jenkins Machine & Tool Co. | 232 Wellington, Kingston |
| Jim's Machine Shop | Hensall |
| Johnson, W.H., & Son | 96 Ross St., Barrie |
| Johnston and Mallough | Hamilton St., Goderich |
| Jones Machine & Tool Co. | 229 Earlscourt Ave., Toronto |
| Jones Tool & Machine Co. | 8 Junction St., Burlington |
| Kearsey Machine Works | 45 Phelps St., St. Catharines |
| Kelco Engineering Ltd. | 352 Thames St., London |
| Kelvin-Thompson Co. Ltd. | Ajax |
| Kent Tools Limited | 11 Darrell Ave., Toronto 13 |
| Keough, A.E. | 10½ Rectory St., London |
| Kirkland Lake Machine & Welding Works | 10 Station Rd., Kirkland Lake |
| Knight-Bolton Co. Ltd. | R.R. No. 2, Niagara Falls |
| Knowles Machinery Co. | 10 Front St., London |
| Lattner, C.W., & Sons | 380 Wendell Ave., Kitchener |
| Lawrence, W. H., & Sons | Kingsville |
| Leco Tool Co. | 11 Bertrand Ave., Toronto |
| Lepper, F., & Son | 142 Eastern Ave., Toronto 2 |
| Lloyd's Machine Shop | 57 Albert St., Cobourg |
| London Metalizing & Machine Co. | 649 Colborne St., London |
| Machine Products | 2 Dartnell Ave., Toronto |
| Marine Welding & Boiler Co. | 152 Eastern Ave., Toronto 2 |
| McCoy Machinery & Supply Co. | 258 Catherine St. N., Hamilton |
| McCrindle, A.C., Limited | 1315 McDougall St., Windsor |
| McKechnie, John, Tool & Machine Ltd. | 2720 Dundas St. W., Toronto |
| McLanaghan Manufacturing Co. | 217 Lambton Ave., Mount Denis |
| McMullen-Perkins Ltd. | 433 Laurier Ave. W., Ottawa |
| McNeill-Taylor Ltd. | 193 King St. E., Toronto 2 |
| McQueen Bros. | 270 Erie St. S., Leamington |
| Mechanical Products Co. | 233 Mowat Ave., Portsmouth |
| Mercury Welding & Machine Shop | 160 King St. W., Oshawa |
| Milton Machine Shop | Mill St., Milton |
| Modern Machine Works | Duchess St., Toronto |
| Moore's Manufacturing Co. | Willodale |
| N. & L. Machinery & Equipment Co. | 1281 Florence St., London |
| Nasco Products Limited | 24-28 Clark St., Hamilton |
| National Machine Products Ltd. | 65 Torbarrie Rd., Toronto 15 |
| Nesbitt Engineering Ltd. | 374 Rochester St., Ottawa |

List of Firms in the Machine Shops Industry, 1954 — Continued

| Name | Address |
|---|---|
| Ontario — concluded: | |
| Niagara Iron Works | 260 Niagara St., Toronto |
| Nitta, M. | 76 Market St., Toronto |
| Northcott-Norris Machine Co. | 182 Jarvis St., Toronto |
| Whitby Inc. Ontario Machine & Tool Works | Ave. B, Ajax |
| Orillia Tool & Stamping Ltd. | Orillia |
| O.S. Graphic Machines..... | 94 Sherbourne, Toronto |
| Ottawa Valley Engineering & Equipment Co. Ltd. | Arnprior |
| P. & H. Machine Shop | Burford |
| Page Machine & Tool Die Works Ltd. | 40 Page St., St. Catharines |
| Patterson, P., & Son | 83 Lake St., Pembroke |
| Perkins, Ernest W. | 369 Slater St., Ottawa |
| Peterborough Tool & Machine Co. Ltd. | 138 Dalhousie, Peterborough |
| Pokornik, F., & Sons | Blenheim |
| Poole & Co. | 75 Duke St., Toronto |
| Post Machine Co. | 810 Dupont St., Toronto |
| Pratt Machine Co. | 605 Bay St., Sault Ste. Marie |
| Precision Engineering Co. | 545 Keele St., Toronto 9 |
| Presco Mfg. Co. | 476 King St. E., Toronto 2 |
| Prescott Machine & Welding Ltd. | Prescott |
| Queensway Engineering | 1549 Queensway, Etobicoke |
| Rae & Foster Ltd. | Lakeview |
| Rector's Machine Shop | 728 Wellington St. W., Sault Ste. Marie |
| Reininger & Son Ltd. | 5 Dohme Ave., Toronto |
| Renown Specialties Co. | 1211 Lawrence St. W., Toronto |
| Replacement Units of Canada Ltd. | 740 Dundas St. E., Toronto |
| Romeo Machine Shop Limited | 1577 Howard Ave., Windsor |
| Sanders, L.J.R., Engineering Co. Ltd. | 34 Ainslie S., Galt |
| Sandrini Brothers Ltd. Sarnia Machine & Welding Works | 177 Samuel St., Sarnia |
| Sarnia Marine & Machine Limited | 500 N. Front St., Sarnia |
| Sauve Machine & Welding Works | Casselman |
| Seguin, Francois | Alexander |
| Service Machine & Tool Co. of Niagara Falls Ltd. | 1470 Lewis Ave., Niagara Falls |
| Seward, N. A., Machine Tool Co. | Front St., Campbellford |
| Shenton, H. E. | 108 Aikman Ave. (rear), Hamilton |
| Simcoe Automotive Machine Shop | Simcoe |
| Southorn Bearing Service | 93 Ossington Ave., Toronto |
| Stouffville Machine & Tool Works Ltd. | Stouffville |
| Strawbridge Machine Shop | 148 Norman St., Stratford |
| Swansea Machine Repair Co. | 9 Southport Rd., Swansea |
| Tape, Robert | 85 Rosemount Ave., Ottawa |
| Thered Machine Co. | 1 Townes Rd., Etobicoke |
| Thehton Machine Works | 289 Sumach St., Toronto |
| Thiess Machinery | 103 Dufferin St., Orillia |
| Thomas Machine Works | 558 Front St. W., Toronto 2B |
| Thompson Machine & Tool | 62½ Ashley, Hamilton |
| Thornes Mfg. Limited | 111-123 Violet St., Fort William |
| Thornton & Truman Limited | 383 Bank St., Ottawa |
| Thurston Machine Works | 227 Fares St., Port Colborne |
| Tillsonburg Machine Shop | Tillsonburg |
| Torgis, A.L., & Son Limited | 12-16 Market St., Toronto |
| Toronto Automotive Machine Co. Ltd. | 90 Shaftesbury Ave., Toronto |
| Trapp's Mfg. Co. Ltd. | 29 Balfour Rear, St. Catharines |
| Trenton Machine Tool | 155 Bay St., Trenton |
| Triangle Die & Tool Co. Ltd. | P.O. Box 254, Thorold |
| Truform Industries | 50 Main St. S., Weston |
| Twin City Machine & Repair | 133 Bedford Rd., Kitchener |
| Universal Machine Works Co. | 551 Roger's Rd., Toronto |
| Valencourt, A., Estate | Merritt St., Welland |
| Vandeen, E., Machinery Works | 134 Hincks Ave., Renfrew |
| Victor Machine Tool Works | 661 Queen St. E., Toronto |
| Vojin, Joseph, & Son | West Lorne |
| W.L.C. Machine & Welding Co. | 25A South Water St., Galt |
| Waterloo Machine & Tool | 24 Bridgeport Rd., Waterloo |
| Webber Gear & Machine Co. Ltd. | 15 Alcorn St., Toronto |
| Weiler Machine Company Ltd. | 309 Main St., Woodstock |
| Wheeler Machine Shop | R.R. No. 3, Kitchener |
| Whitelaw Machinery Company | 572 Main St., Woodstock |
| Windsor Machine & Stamping Ltd. | 2375 Edna St., Windsor |
| Wing & Son | 32-34 Bay St. N., Hamilton |
| Wiring Devices Ltd. | Almonte |
| Woods, F., & Son Limited | 118 West St., Port Colborne |
| Wright, Geo. A., & Son Machine Works Ltd. | 234-6 Ontario St., Kingston |
| Wright's Machine Works | 125 Vine St., St. Catharines |
| Wunder Machine Shop | 391 King St. W., Kitchener |
| Yarmouth Machine & Welding | 181 Woodworth, St. Thomas |

List of Firms in the Machine Shops Industry, 1954 — Continued

| Name | Address |
|-------------------------------------|-------------------------------------|
| Manitoba: | |
| Ace Motor & Machine Co. Ltd. | 1421 Whyte Ave., Winnipeg |
| Acme Machine Works | 64 Princess St., Winnipeg |
| Acme Mfg. Co. Ltd. | 205 Watt, Winnipeg |
| Canadian Tool & Die Works | 540 Fleet Ave., Winnipeg |
| Capital Welding & Machine Works | 199 Fort St., Winnipeg |
| Central Machine Works | St. Boniface |
| Crescent Electric & Machine Works | 98 King St., Winnipeg |
| Darragh Machine Works | Marion St. & Traverse Ave., Norwood |
| Dauphin Machine Works | Dauphin |
| Freisen Machine Shop | Steinbach |
| General Repair & Machine Shop | Gladstone |
| Hanover Machine Works | 410 Main St., Steinbach |
| Hamblin, W. J. | Main St., Morris |
| Hamblin Engineering Co. | 320 Osborne St., Winnipeg |
| Hansen, Carl, Machine Shop | 1442 Erin St., Winnipeg |
| Kunee Machine Works | 4 Powers St., Winnipeg |
| Letchner, A. & J. | Morden |
| Link Manufacturing Co. | Tupper St. N., Portage La Prairie |
| Manitoba Bearing Works Ltd. | 270 St. Mary's Ave., Winnipeg |
| Manitoba Welding Machine Works | 48 Princess St., Winnipeg |
| Mann Bros. Machine Shop | Swan River |
| McLean Machinery Co. Ltd. | 125 Pacific Ave., Winnipeg |
| Mechanical Welding Co. Ltd. | 46½ King St., Winnipeg |
| Muzeen & Blyth | 187 Sutherland Ave., Winnipeg |
| Neepawa Machine Works | Neepawa |
| Precision Machine Works Ltd. | 584 Erin St., Winnipeg |
| Pritchard Engineering Co. Ltd. | 70 Garry, Winnipeg |
| Schwartz Manufacturing Co. | 470 Union Ave., Winnipeg |
| Selkirk Machine Works | Selkirk |
| Shepard Machine Tool & Die Works | 654 McGee, Winnipeg |
| Shefrin Welding & Iron Works | 447 Selkirk Ave., Winnifred |
| Sommer's Cream Separator Works Co. | 203 Main St., Winnipeg |
| Standard Machine Works | 660 St. Matthew Ave., Winnipeg |
| Star Machine Shop | 601 Washington Ave., East Kildonan |
| Sterling Engine Works Ltd. | 33 Water Ave., Winnipeg |
| Thor Machinery Company Ltd. | 13 Higgins Ave., Winnipeg |
| Universal Machine & Engineering Co. | 1335 Pembina Hwy., Fort Garry |
| West End Machine Shop | 305 Burnell St., Winnipeg |
| Yetman Machine Works | 875 Notre Dame St., Winnipeg |
| Saskatchewan: | |
| Acme Machine & Electric Co. | 150 Ave. A North, Saskatoon |
| Assiniboia Machine Shop | Centre St., Assiniboia |
| Davis Machine Co. Ltd. | 142 Ave. A North, Saskatoon |
| Empire Welding & Iron Works | Moose Jaw |
| Hauser's Machinery & Welding | Melville |
| Jacklin, Stan E., Welding Products | Nipawin |
| Melfort Machine & Welding | Melfort |
| Nutana Machine & Welding Shop | 621 Main St., Saskatoon |
| Pascoe's Machine Works | 412 High St. W., Moose Jaw |
| Peebles Machine Shop | Myrtle St., Yorkton |
| Regina Electric & Machine Shop | 1763 Halifax St., Regina |
| Regina Mechanics | 1832 Smith St., Regina |
| Rosetown Welding & Machine Co. | Rosetown |
| Rousson's Machine Shop | 36 - 8th St. E., Prince Albert |
| Saskatoon Welding Co. | 115 Ave. A North, Saskatoon |
| Springstein & Davidson Machine Shop | 6th Ave. & Lorne St., Regina |
| Symon's Metalworkers | Rocanville |
| Tisdale Welding & Machine | Tisdale |
| Tyson's Machine Shop | 1281 Main, North Battleford |
| Venables Machine Works | Saskatoon |
| Western Machine Shop | Melfort |
| Weyburn Iron Works | Weyburn |
| Alberta: | |
| Able Machine Works | 15730 - 100 Ave., Edmonton |
| Acme Machine & Foundry Co. Ltd. | 10244 - 108th Street, Edmonton |
| Acro Machine & Specialty Co. | 1822 - 10th Ave. W., Calgary |
| Attridge & Miller Machine Works, | 125 - 127 - 12th Ave. W., Calgary |
| Barber Machinery Ltd. | 4608 Macleod Trail, Calgary |

List of Firms in the Machine Shops Industry, 1954 — Continued

| Name | Address |
|---|--------------------------------------|
| Alberta — concluded: | |
| Barber Machinery Ltd. | 10358- 65 Ave., Edmonton |
| Barnie's Machine Shop | 6041- 104th St., Edmonton |
| Bartman Machine Shop | Hanna |
| Bert's Machine Shop | Linden |
| Bill's Repair Shop | Cardston |
| Birse & Hunt Ltd. | 1422- 2nd Ave. S., Lethbridge |
| Boacke & Doncaster | Cremona |
| Blairmore Iron Works | Blairmore |
| Byer's Machine Shop | 12819 Fort Rd., Edmonton |
| Castor Machine Shop | Castor |
| Conrich Repair Shop | Forest Lawn |
| Cromdale Machine Works Ltd. | 11245- 82nd St., Edmonton |
| Curtis Hoover Ltd. | P.O. Box 426, Edmonton |
| Dahl, G., & Sons Ltd. | Camrose |
| Dick's Garage & Machine Shop | Camrose |
| Drumheller Iron Works | Drumheller |
| Edeco Canada Ltd. | 10103- 80th Ave., Edmonton |
| Edmonton Auto Parts Co. | 10260- 102nd St., Edmonton |
| Electric Machine Service | Rear 10321- 106th St., Edmonton |
| Gleave Machine | Stettler |
| Grande Prairie Iron Works | Grande Prairie |
| Harrison's Machine Shop | Lacombe |
| Hayden Machine Shop | Longview |
| Hector Machine Co. Ltd. | 9th Ave. & 19th St., Calgary |
| Hi-Way Machine Shop | Alix |
| Holden Welding & Machine Shop | Holden |
| Independent Machinery Ltd. | 14th St. & 17th Ave. S. E., Calgary |
| Industrial Machine Shop Ltd. | 10549- 110th St., Edmonton |
| Irma Machine Works | Irma |
| Jackson's Welding Ltd. | 816- 9th Ave. W., Calgary |
| Kirk's Metallizing Works Ltd. | 11716- Fort Rd., Edmonton |
| Lethbridge Industries Ltd. | 1116- 2nd Ave. S., Lethbridge |
| Liberty Machine Works Ltd. | 10247- 103rd St., Edmonton |
| Linden Machine Works | Linden |
| Lord Machinery Co. | Blairmore |
| McLennan & Rooks | Vermilion |
| Machinery Construction & Repair Ltd. | 9950- 65th Ave., Edmonton |
| Master Machine & Boiler Co. | 10239- 106th St., Edmonton |
| Medicine Hat Machine Works | 545 North Railway Ave., Medicine Hat |
| Mayerthorpe Welding & Machine Shop | Mayerthorpe |
| Mottus, W., Machine Shop | Rocky Mountain House |
| Nelson's Welding & Machine Shop | Olds |
| Niven Bros. | 216- 1st Ave. S., Lethbridge |
| North Edmonton Iron Works | 12804 Fort Road, Edmonton |
| North End Iron Works | 3604 Edmonton Trail, Calgary |
| Oilwell Machine Co. | Turner Valley |
| Oxford Machine Shop | 10904- 119 St., Edmonton |
| Paragon Machine Co. | 511- 3rd Ave. W., Calgary |
| Pepper Bros. Ltd. | Drumheller |
| Precision Machine & Foundry Ltd. | 117- 6th Ave. E., Calgary |
| Precision Machine & Foundry Ltd. | 11915- 111 Ave., Edmonton |
| Rice Machine Services Ltd. | 320- 30th Ave. S. E., Calgary |
| Risdon Motors Ltd. | Strathmore |
| Rix Machine Service Shop | Wetaskiwin |
| Saskatoon Welding & Machine Ltd. | 11519- 105th Ave., Edmonton |
| Steel Industries of Grande Prairie Ltd. | Grande Prairie |
| Taylor & Pearson Ltd. | 10215- 103rd St., Edmonton |
| Tappenden, F. | 11902- 72nd St., Edmonton |
| Tofield Farm Equipment | Tofield |
| Tractor Repair Shop | Peace River |
| Vulcan Machine Shop | Vulcan |
| Warren Machine Works | Delburne |
| British Columbia: | |
| Acme Machine Shop Ltd. | Mission City |
| Adams, Ray, Machine Works | 821 Victoria St., New Westminster |
| Alberni Engineering & Ship Yard Ltd. | 104 Bird St., Port Alberni |
| Anderson Engineering | Langley Prairie |
| Arco-Di Company | 1650 West 1st Ave., Vancouver |
| Argyle Machine Works Limited | 10 Argyle St., Port Alberni |
| Armstrong Machine Shop | Box 98, Armstrong |

List of Firms in the Machine Shops Industry, 1954 — Continued

| Name | Address |
|---|--|
| British Columbia — continued: | |
| Arm, W. F., Machine Works | 2022 Main St., Vancouver |
| Barr, A. R., Co. Ltd. | Squamish |
| Beatson Machine Works | 1272 West 6th St., Vancouver |
| Bennetts' Limited | 324 Vernon St., Nelson |
| Broadway Welding Shop | 1529 Venables St., Vancouver |
| Brunette Machine Works Ltd. | 121 Nelson St., New Westminster |
| Campbell River Welding & Machine Works | Campbell River |
| Cannon Machine Works | 620 Alexander St. (rear), Vancouver |
| Capilano Engineering Co. Ltd. | 1675 West 2nd Ave., Vancouver |
| Carter Machine Works Ltd. | 920 Agnes St., New Westminster |
| Chapman's Motor & Machine Shop Ltd. | 1680 - W. 5th St., Vancouver |
| City Welding & Machine Shop | Chilliwack |
| Columbia Machine Works | 360 W. 4th Street, Vancouver |
| Courtenay Machine Shop Limited | 275 Eighth St., Courtenay |
| Cowie Machine Co. Ltd. | Wharf St., Nanaimo |
| Cylinder Grinders Ltd. | 1216 Seymour St., Vancouver |
| Dafoe, V. M. | Ft. Rogers St., Vancouver |
| Darlingtons Machine Shop | 3427 Kingsway, Vancouver |
| Dawson Creek Industries | Dawson Creek |
| Dendoff Springs (Nanaimo) Ltd. | Nanaimo |
| Drake Welding Co. | 636 Davie St., Vancouver |
| Duncan Iron Works Ltd. | 148 Government St., Duncan |
| Durand Machine Works Ltd. | 101 - 11th St., New Westminster |
| Easthope Sales & Service | 1225 - No. 1 Road, Steveston |
| Empire Machinery Ltd. | 1201 - 6th Ave. W., Vancouver |
| Evans Tool & Die Ltd. | 1805 Franklin St., Vancouver |
| General Welders Ltd. | 727 Caledonia Ave., Victoria |
| Grove's Machine Shop | 4774 E. Hastings St., Vancouver |
| Haddock's Engineering | Pender Harbour |
| Hafer Bros. | Royal Oak |
| Hafer Machine Co. Ltd. | 1720 Store St., Victoria |
| Harjim Machine Works | 2500 Rock Bay St., Victoria |
| Harman Process Casting Repairs Ltd. | 1680 West 5th Ave., Vancouver |
| Harvey's Machine Shop | Oliver |
| Heatley Machine Works Limited | 636 Alexander St., Vancouver |
| Hill's Machine Shop | Gibsons Landing |
| Hoffman & Son Ltd. | Pitt Meadows |
| Hope Machine Shop | Hope |
| Hope Manufacturing Co. Ltd. | 1909 Franklin St., Vancouver |
| Hydraulic Service & Equipment Co. Ltd. | 341 West 6th Ave., Vancouver |
| Ideal Iron Works Limited | 369 Alexander St., Vancouver |
| Interior Machine Works Ltd. | Vernon |
| International Drills Ltd. | 346 West 5th Ave., Vancouver |
| Kelowna Machine Shop Limited | Ellis St., Kelowna |
| Langley Welding & Machine Shop | P.O. Box 137, Langley Prairie |
| Marpole Machine Works Ltd. | 1422B W. Marine Drive, Vancouver |
| McConnell Machine Shop | Box 107, Burns Lake |
| McGlashan & Jenkinson Machine Works Limited | 1332 Powell St., Vancouver |
| Mooney Machine Works | 300 East Esplanade, North Vancouver |
| Murray — Latta Machine Co. Ltd. | 311 - 2nd Ave. W., Vancouver |
| Nanaimo Foundry & Engineering Works Ltd. | 10 Comox Rd., Nanaimo |
| Nash Engineering Works | Prince George |
| National Shops Ltd. | Granville Island, Vancouver |
| Newmes Machine & Iron Works | Salmon Arm |
| Nielson's Machine Works | 862 River Road, Vancouver |
| Ostrum Machine Shop | Banfield |
| Pendozi Machine Shop | Box 197, Kelowna |
| Penticton Engineering Works Ltd. | Penticton |
| Pinchbeck, F. W. | Kamloops |
| Plant Service | 1270 W. 75th Ave., Vancouver |
| Powell Machine Works Limited | Lougheed Highway, Mission City |
| Quality Machine & Motor Service Ltd. | 181 S.E. Marine Drive, Vancouver |
| Quesnel Machine Shop | Quesnel |
| Ramsay Machine Works, Ltd. | 1630 Store St., Victoria |
| Reliance Motor & Machine Works, Ltd. | 395 Alexander St., Vancouver |
| Richards Engineering Co. Limited | 1219 Richards St., Vancouver |
| Rosedale Machine Shop | Rosedale |
| Salmon Arm Machine Shop | Salmon Arm |
| Sig's Machine Shop | 1832 West Georgia, Vancouver |
| Smyth Machine Shop | Princeton |
| Specialty Machine Shop Ltd. | 1248 Seymour St., Vancouver |
| Standard Machine Shop | 1st Ave. and Manson Wharf, Prince Rupert |
| Stevenson's Machine Shop Ltd. | 708-12 Vernon St., Nelson |



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List of Firms in the Machine Shops Industry, 1954 — Concluded

| Name | Address |
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| British Columbia — concluded: | |
| Surrey Engineering Co. | Box 237, Whalley |
| Swan, J., Ltd. | 1820 W. Georgia St., Vancouver |
| Taggart Mfg. Co. Ltd. | 456 East 5th Ave., Vancouver |
| Trail Machine Works | Trail |
| Trail Sales & Machine Shop | 3160 Highway Drive, Trail |
| United Engineering Works, Ltd. | 575 Pembroke St., Victoria |
| Vernon Machine & Foundry Co. Ltd. | Vernon |
| Wallace Machine & Manufacturing Co. Ltd. | 1663 Venables St., Vancouver |
| Weldall Co., The | 1494 Marine Drive, North Vancouver |
| Welco Limited | 116 East 2nd Ave., Vancouver |
| Welding & Construction Co. Ltd. | 148—1st Ave. E., Vancouver |
| Western Machine Works Ltd. | 1705 W. Georgia St., Vancouver |
| White Bros. Machine & Mfg. Co. | Courtenay |
| Wilby's Machine Shop | 626 Montreal St., Victoria |
| Wilkins Machine Shop | Penticton |
| Williams Lake Machine Shop | Williams Lake |
| Windsor Machine Shop | 1331 Venables, Vancouver |