

technological advances in almost every stage of operation, and developed a very satisfactory system of marketing and distribution.(1)

### Location

Describing the Canadian steel industry as stretching from coast to coast is a slight exaggeration but, in a broad sense, it is true. From east to west- there is Newfoundland Steel in St. John's and on Cape Breton Island is located the Crown Corporation Sydney Steel Corporation (Sysco), owned by the Nova Scotia government. In British Columbia is located Western Canada Steel Ltd. (Cominco Ltd.). With few exceptions, companies have tended to locate close to markets.

Other integrated mills and a majority of the smaller steelmaking firms are concentrated in Ontario and Quebec. The Steel Company of Canada Ltd. (Stelco), Dominion Foundries and Steel Ltd. (Dofasco) and the Algoma Steel Corporation (Algoma) are the three integrated mills in Ontario. These three firms account for about 80 per cent of Canadian steel production.

At Contrecoeur, Quebec, Sidbec-Dosco Ltd., with its new electric furnaces and Midland-Rose pelletized iron-ore reduction plant coming on stream, is the newest integrated steelmaker in Canada.

In addition to the six integrated facilities, there are a number of smaller steelmakers, whose plants use electric arc-furnaces and cold-scrap charges. Rounding out the industry are several facilities with only a variety of rolling-mills for finishing operations. And the industry includes one specialty producer -- Atlas Steels of Welland, Ontario. There are 47 Canadian plants with steelmaking capabilities. These range from the giant Stelco down to Quality Steel Foundries of Edmonton, Alberta, which can produce 1,000 tpy<sup>(2)</sup> for steel castings in two 1½-ton electric furnaces.

The companies are distributed unevenly among the provinces. Newfoundland Steel is the only producer in that eastern province; in Manitoba are located the Manitoba Rolling Mills of Dominion Bridge; while Saskatchewan can claim only Interprovincial Steel and Pipe Corporation.

The heaviest concentration is, of course, in the highly-industrialized province of Ontario. Most of the big ones as rated by melting capacity -- Stelco, Dofasco and Algoma -- are located there. The province also has a number of medium-size producers, including Atlas, Burlington Steel Company, and Lake Ontario Steel Company, all in the 250-300,000 tpy range.

Quebec, which contains approximately 25 per cent of Canada's population but accounts for only about 12 per cent of the country's steel

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(1) Attached as Appendix III is a table showing Canadian steelmaking capacity as of January 1, 1973.

(2) tpy = short tons a year