

Dofasco Inc.

Dofasco Inc., founded in 1912, is Canada's second-largest steel producer. Dofasco's completely integrated steel mill employs over 11 500 people and covers 793 acres (320.9 hectares) in the industrial heart of Hamilton at the western end of Lake Ontario.

Dofasco was the first Canadian producer of tin plate (1935), continuously galvanized sheet and strip (1955), 60-inch (1524 mm) wide hot and cold rolled sheet, and high grade electrical steel. Capacity at the end of 1988 was 4 500 000 tons (4 050 000 metric tonnes) of raw steel, entirely produced by the L-D oxygen steelmaking process which Dofasco introduced to North America in 1954.

The introduction of oxygen steelmaking is indicative of Dofasco's long-term commitment to the use of the latest technology available — a commitment that has allowed Dofasco to meet the ever more stringent quality requirements demanded by today's customers.

As a measure of Dofasco's commitment, more than \$1.5 billion has been invested in technology from 1970 through to the early 1980s. Recently, \$750 million has been spent to introduce continuous slab

casting at Dofasco with an additional investment of over \$1 billion expected into the 1990s for expansion and upgrading. Ladle metallurgy is included in the cast slab programme along with modifications to No. 2 Steelmaking Shop and No. 2 Hot Strip Mill to take advantage of the increased capacity and improved quality which the caster provides.

Sophisticated quality monitoring systems and programmes are being adapted and developed throughout the company to make the most of technology and experienced steelmakers' skills.

The plant has four blast furnaces with an annual capacity of three million tons (2 721 000 metric tonnes) and four L-D oxygen steelmaking furnaces with a 4.5 million tons (4 080 000 metric tonnes) yearly capacity.

Major finishing facilities include a 66-inch (1676 mm) hot strip mill with an 88-inch (2235 mm) two-high slabbing mill, 66-inch (1676 mm) two-high roughing mill, seven-stand continuous hot strip mill; a 68-inch (1727 mm) continuous hot strip mill with reversing roughing mill and seven finishing stands; six cold reduction reversing mills, two-five stand continuous cold rolling mills, three temper mills, three galvanizing lines, one Galvalume line, two tinning lines and two silicon electrical steel lines.

The company produces a full range of flat rolled carbon steel products and carbon, alloy and stainless steel castings. Flat rolled steel products include hot rolled sheet and strip, hot rolled skelp, steel plate, checker (floor) plate, cold rolled sheet and strip, cold rolled skelp, electrical (silicon) steel, vitreous enameling sheets, tin mill black plate. Coated steels include Premier (regular) galvanized, Satincoat (galvanneal), galvanized Minimized Spangle, Galvalume steel, electrolytic tin plate (single and double reduced), tin free steel (chromium coated, single and double reduced) and precoat steel (prepainted galvanized, cold rolled or tin plate).

The steel foundry is capable of producing castings up to 25 000 lbs., (11 300 kg) and has complete non-destructive and radiographic testing equipment.

Dofasco products are sold throughout Canada and exported to many countries around the world. The Titan Industrial Corporation, 777 Third Avenue, New York City, NY 10017, is the company's world-wide agent.