

Atlas Steel Mill In Quebec Is Pioneering New Process

By MICHAEL BLAIR

TRACY, Que. (CP) — Atlas Steel Co.'s new \$55,000,000 stainless steel mill here is pioneering the process of continuous curved mould slab casting on this continent, much the same as the company's plant at Welland, Ont., was first with a continuous vertical cast in 1954.

Briefly, using the curved mould method steel is poured into a 35-foot high curved mould and when it emerges from the 30-degree mould, it is rolled flat.

Continuous casting up to now, except for a number of European producers using the curved mould, has involved pouring steel into an 80-foot high vertical cast, with the steel being drawn out the bottom at a 90-degree angle and then rolled flat.

The new method is cheaper and safer, say officials of Concast Inc., of New York, developers of the machine. They have already sold another machine to Arco Steel in the U.S., but it won't produce slab.

In addition, said Irving Rossi, who controls Concast and the older Concast AG of Switzerland, U.S. companies have turned to the curve mould principle and are at present ordering machines with capacities of 1,500,000 to 2,500,000 tons a year.

EXPANSION POSSIBLE

The Atlas Mill here could produce up to 70,000 tons of stainless steel a year using its single furnace, but company officials say a second furnace will be added if business warrants.

William B. Malone, vice-president of Rio Algom Mines Ltd., Atlas' parent company, estimated the continuous mould machine will produce a saving of \$7 a ton because of increased productivity and low amount of waste. He said no definite price for the company's product had been set.

He said this will permit the company to compete in the export market, for which 55 per cent of the output here is slated. This would increase the company's total export of steel to 40 per cent of production, including the Welland mill's output.

Mr. Rossi estimated that yield of 50,000 tons of steel poured would be in excess of 94 per cent on the continuous curve mould, compared to 85 per cent and less by other methods.

CONVERSION DIRECT "Another advantage of continuous casting is that raw materials can be directly converted into finished steel products, a move brought about by increasing pressure to lower steel costs," he said.

In effect it bypasses the costly ingot mould stage in steel smelting operations and cuts out the blooming mill.

During a tour of the mill, 45 miles east of Montreal, reporters were shown the metal being poured from the 60-ton ladle into the mould and emerging from the cooling chamber as a sizzling mass.

It came out as a slab 22 inches wide, five inches thick and 150 feet long, the 30-degree curve was then rolled out and the slab cut into 17-foot sections.

At present the slab is being sent to Allegheny Ludlum in the U.S. for hot rolling and then brought back here for finishing. By next year Atlas officials say the whole operation, from pouring to the finished products, will be completed here.

This pour process is done three times a day, with each pouring or "heat" taking an hour.

The Tracy Mill was originally announced as a \$40,000,000 project in October, 1961. "Overrun costs" have since boosted the total expenditure.

HAD PROBLEMS AT FIRST "We had a few problems at first training labor to handle the steel—and for most of them it was a completely new occupation," said Concast engineer Fred Modell.

"At present we have 312 men employed here — all but one French-Canadians," he said.

The mill now is using scrap metal and alloying material to make stainless steel, but a company official said in the long term there is a possibility that hot metal from nearby Quebec iron and titanium will be used. It would be transported in a special "ladle cars."

Experiments with hot metal have already been successfully carried out.

Meanwhile, the mill is moving toward full production, and company salesmen are confident the export markets—mainly Europe and Australia—are there despite tough competition from other countries including Japan.

Arab Meeting Is Boycotted By Tunisia

CAIRO (Reuters) — Tunisia has boycotted a meeting of the leaders of 12 other Arab states charging that the meeting planned to discredit a proposal on Israel by Tunisian President Habib Bourguiba.

Bourguiba has said Tunisia will continue to boycott all pan-Arab conferences until the countries show mutual respect for each other.

After only 15 minutes of public session during which the Arab League secretary-general, Abdel Khaliq Hassouna, said a plan has been drawn up and approved by Arab heads of state to restore the "rights" of Palestine, the delegates went into secret session.

After approving the 25-point agenda, the main conference was adjourned until Thursday.

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Car Makers Heading For Record Year

TORONTO (CP) — Led by industry giant General Motors, Canada's car makers are heading for another record production year.

Total car and truck production to May 22 was 369,070, compared with 335,435 in the similar 1964 period, the Canadian Motor Vehicle Manufacturers' Association said here.

Last year's record production totalled 668,405 vehicles. With this year's production limited by strikes, despite the record pace, GM is the only one of the big three sharply ahead of last year's pace. GM has turned out 202,628 vehicles com-

pared with 170,280 in the comparable 1964 period.

Total scheduled production this week is 16,767 vehicles compared with 20,268 actually turned out last week.

Scheduled car production by company this week and total production to May 22, with comparable figures in brackets is:

American Motors 640 (694); 15,283 (15,000); Chrysler 2,690 (3,369); 40,366 (42,579); Ford 3,403 (4,194); 73,363 (73,245); GM 6,549 (8,115); 168,610 (146,240); Studebaker 432 (528); 8,967 (5,725); Volvo 60 (75); 1,298 (951).

Trucks: Chrysler 400 (406); 5,486 (5,102); Ford 601 (770); 18,209 (18,158); GM 1,250 (1,617); 33,018 (24,010); International Harvester 292 (370); 5,779 (5,840).

OLD PAPERS FAKED A British firm has developed a process for copying old documents on paper which looks and feels antique.



JACKIE AND CHILDREN END VISIT

Mrs. John F. Kennedy and children, John, 4, and Caroline, 7, leave for London airport Wednesday for flight to their New York City home.

They have been visiting for two weeks at the home of Mrs. Kennedy's sister, Princess Lee Radziwill at Buckingham Palace, London.

(AP Wirephoto by cable from London)

Briton Describes CBC Unhappy Organization

LONDON (CP) — Sir Hugh Greene, director-general of the BBC and the centre of a storm about wastage and overstaffing in the corporation, is reported to have stated the Canadian Broadcasting Corporation is an "unhappy organization."

The Daily Mirror, long a critic of the BBC's efficiency, prints the text of a speech Sir Hugh is reported to have made to 200 top BBC executives last week at a private meeting.

In the course of the speech, the newspaper says, the director-general stated there has been a large increase in BBC staff — an extra 7,000 since 1959 — and demanded less wastage and more work from his department.

The BBC employs more than 19,000 persons. But Sir Hugh is reported to have ruled out any suggestion that the BBC will solve its financial difficulties by accepting a limited amount of advertising. He is quoted as saying:

FREEDOM ENDANGERED "I think that anybody who knows the history of the Canadian Broadcasting Corporation must be aware of the fact that acceptance of advertising by a public service is in fact the first step towards the destruction of that public corporation's independence."

"Look at our unfortunate colleagues at the CBC. They have lost their licence fee. They exist on a combination of advertising and government grant. They are faced with parliamentary committees of inquiry every year and sometimes more than once a year."

"They do good work in these circumstances, certainly, but I think it is an unhappy organization working in impossible circumstances and that is a road on which the BBC is not going to set one foot."

The BBC declined to comment on the Mirror report Wednesday though it was stated by one BBC source that the newspaper apparently obtained a recording of the Greene speech.

Safety At Halifax Airport Said Good As Other Fields

OTTAWA (CP) — Safety conditions at Halifax airport are "on a par with those at our other international airports," Transport Minister Pickersgill said here.

He tabled a statement in the Commons saying that reports of shortcomings in safety procedures had arisen through press reports where there was "misinterpretation or incomplete use of information and, indeed, actual inaccuracies in some cases."

There has been no report of a near collision at the airport, as mentioned in a press report, "nor have we been able to trace such an incident," the minister said.

"The president of Air Canada as well as the RCN have equally denied knowledge of any such incident."

The report told of a near collision between an Air Canada passenger plane and some navy aircraft.

CONTROL BLIND SPOTS The general surveillance radar used at the airport for traffic handling has certain blind spots but these are known to all controllers at Halifax, the statement said. Existence of blind areas in such radar is common and where such spots exist "our traffic control procedures take full account of them," Mr. Pickersgill said.

"... procedures ensure that there is no hazard to aircraft safety arising from these blind spots."

Precision approach radar had been set up at Halifax and was undergoing detailed tests before being put into regular service. Controller training had started and it is expected the equipment would be ready for operational use this summer.

"The lack of this equipment hitherto has in no way compromised safety at the airport but the installation of this type of equipment at Halifax, as well as at other airports across Canada, now taking place, will improve the over-all capabilities but there has been no compromise of safety procedures pending its arrival, the statement said.

"I regret any suggestion of lack of safety at the Halifax International Airport since I am satisfied that the same high conditions as exist at our other major airports apply there also, and that not only our present procedures and equipment but our plans for the future are adequate evidence of our intention to maintain this situation."

Ambassador Dies At 84

MANCHESTER, Mass. (AP) — Joseph Clark Grew, 84, who was U.S. ambassador to Japan in the period preceding Pearl Harbor attack, died Tuesday at his home.

Grew was in Japan for nine years marked by Japanese violation of treaties and aggression.

An American "white book" issued by the state department in 1943 revealed that Grew had cabled Jan. 27, 1941, that the Japanese had plans for a "surprise attack" on Pearl Harbor.

When the attack came Dec. 7, Grew was stunned but not surprised.

TREES YIELD MUCH Wood pulp is made nowadays into explosives, imitation leather, printing ink, and alcohol rubs.

China Purchases Cheaper Grades Canadian Wheat

WINNIPEG (CP) — Canada's latest wheat sale to China again consists of lower grades and durum, the Canadian Wheat Board has announced.

The sale of 58,700,000 bushels was announced in the Commons Tuesday by Trade Minister Mitchell Sharp.

Precise value was not announced but at current prices the deal would be worth more than \$100,000,000.

The board, announcing details, said the sale is for 1,500,000 long tons with a tolerance of five per cent either way. If the full amount is taken, it will reach 58,700,000 bushels.

Bulk of the sale consists of Nos. 4 and 5 and durum grades, with a limited quantity of No. 3 northern.

Most of the shipment—1,450,000 tons—is slated to go through Pacific coast ports, where a labor dispute threatens shut-down of grain elevators at Vancouver and New Westminster. These shipments are to start in July and continue through next April.

The remaining 50,000 tons will go through St. Lawrence or Atlantic ports from September to next January.

With the current deal, sales to China have reached about 164,000,000 bushels under a three-year agreement effective in August, 1963. That contract called for a minimum of 112,000,000 bushels and a maximum of 186,700,000 bushels.

We Extend CONGRATULATIONS To Mr. Klark Cantwell

On The Official Opening of his New Drug Store

We were pleased to have done the electrical work and lighting fixtures on this fine new Drug Store.

MacLean & Son Electric

254 Kent Street Dial 2-2443

CONGRATULATIONS to Klark Cantwell on the opening of his New Pharmacy

We are pleased to have been chosen to do the painting of this new modern pharmacy.

J. Frank Hughes 'Painting Contractor'

138 King St. Dial 4-9554

CONGRATULATIONS To Klark Cantwell on the opening of his newly renovated building.

We are pleased to supply Cantwell's Pharmacy with beverages.

Seaman's Beverages

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GRAND OPENING

FRIDAY MAY 28th



KLARK CANTWELL

Klark Joseph Cantwell, Ph.C., of Charlottetown is the owner and manager of this newly renovated building. He received his early education at Queen Square School, St. Dunstan's University, and served in the army through the war. After the war he attended the Maritime College of Pharmacy and Prince of Wales College. A registered pharmacist he has 15 years experience dispensing drugs. He recently has been awarded by the Pharmacy Examining Board of Canada a certificate qualifying him into practice anywhere in Canada.

Sales Staff Consists Of: Mrs. Annie Carter, Roger Doiron

CUT OUT

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154 Prince Street Charlottetown, P.E.I.

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Dial 4-5132

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Richard Hudnut Shampoo Cream Rinse, reg. 2.00	Spec. \$1.39
Dr. West Tooth Brushes, reg. 3 for \$1.17	Special 93c
Pond's Moisture Cream, reg. \$1.50	Special \$1.29
Ladies' Nylons	Special 38c
Baby Pants	4 pairs 98c
Aqua Hair Spray, reg. \$1.98	Special \$1.59
Jane Parker Cream Rinse, reg. \$1.99	Special 99c
Rogue Instant Lather, reg. \$1.19	Special 99c
Rogue After Shave Lotion, reg. \$1.25	Special 99c
Desert Flower Cream Deodorant, reg. \$2.00	Special \$1.25
Raid, regular \$1.69	Special \$1.59
Richard Hudnut Cream Rinse (free comb), reg. \$1.14	75c
Special	Special 75c
Richard Hudnut Shampoo, reg. \$1.14	Special 75c

CANTWELL'S PHARMACY

154 Prince Street