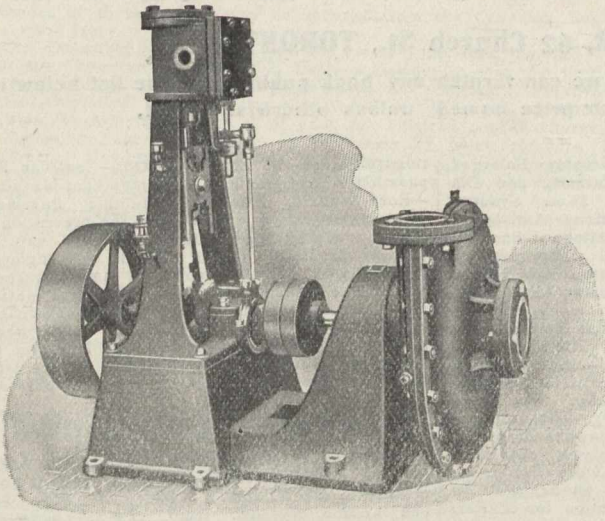


Power & Steam Pumps, Centrifugal Pumps, Rotary & Paper Mill Pumps Travelling Cranes, etc.



**THE SMART-TURNER MACHINE CO., Limited
Hamilton, Ont.**

CALLING FOR TENDERS

In calling for tenders for the construction of bridges and buildings, remember that there is a paper which reaches the civil and structural engineers, and contracting engineers EVERY WEEK.

More Contractors look for proposed work in the "Canadian Engineer" than in any other engineering publication in Canada.

CANADIAN ENGINEER
Toronto Montreal Winnipeg

MARKET CONDITIONS.

Montreal, December 19th, 1909.

The present dullness in transactions in pig-iron and in steel products, in the United States, is only temporary, and is the natural result of the previous heavy buying and specifying, coupled with the usual quietness incident to the close of the year. It was impossible that the immense volume of business put through in September and October last should continue, and the present lull is regarded as a healthy sign. The general view seems to be that the New Year will see a renewal of the upward trend of prices accompanied with a renewal of activity in trade. Prices of finished products are being maintained and, in fact, some further advances have been made during the past week, although pig is showing a weakness in some quarters. It has practically been decided that prices on Lake Superior ores will be advanced 50c. per ton, and consumers at Atlantic points are being compelled to pay 40 to 50c. per ton over last year's figures. The high prices for coke and coal will add very materially to the cost of production and there is therefore no probability of any concession in prices. Specifications for structural material and railway supplies, such as rails, locomotives, cars, etc., are being received by the mills in a satisfactory manner, many of the mills being several weeks behind in their deliveries.

The English and Scotch situation is showing a more hopeful tone, once more. The home trade is picking up and there appears to be a better feeling, generally. Export trade is not satisfactory, but even this is showing some improvement, especially as the advances in the United States and Germany are likely to open markets in these countries for tonnage of British manufacture. Pig-iron markets have developed strength, showing an advance of 1s. to 1s. 6d. during the week. It is pointed out that steel making irons will all be higher in Great Britain, than it was this year, owing to the fact that Spanish mine owners, who supply the bulk of the ore, are insisting on prices delivered at Middlesboro and Glasgow, of 19s. per ton, as against 15s. 6d. to 16s. during the first half of 1909, and about 17s. 6d. of recent months.

The local trade shows no sign of abatement. Enquiries are being received very generally for a liberal tonnage, and several good contracts have been placed during the past week. Many good consumers are now inquiring for prices for delivery during the last half of 1910, thus indicating their opinion that prices are likely to be maintained for some considerable time to come. Canadian furnaces are declining to quote thus far ahead and it is practically impossible to get satisfactory prices from English or Scotch makers, they also being satisfied that conditions are going to show an improvement. In the meantime, the metal held is being rapidly taken



"FLEUR DE LIS"

Galvanized Iron

Will work as well as "Queen's Head." Not so heavily coated.

JOHN LYSAGHT, LTD. A. C. LESLIE & CO., LTD.
Makers, Bristol. Montreal. 6

out and foundries requiring further supplies for winter consumption are being required to pay higher freights.

The markets for finished and semi-finished material are very dull and uninteresting. It is impossible to get prices up here, notwithstanding that several lines are being advanced in almost all other markets. Dealers are awaiting the turn of the year, it being their hope that the market will be stronger and more active, thereafter:—

Antimony.—The market is steady at 8 to 8½c.

Bar Iron and Steel.—The market promises to advance shortly. Bar iron, \$1.85 per 100 pounds; best refined horseshoe, \$2.10; forged iron, \$2; mild steel, \$1.85; sleigh shoe steel, \$1.85 for 1 x ¾-base; tire steel, \$1.00 for 1 x ¾-base; toe calk steel, \$2.35; machine steel, iron finish, \$1.90; imported, \$2.20.

Building Paper.—Tar paper, 7, 10, or 16 ounces, \$1.80 per 100 pounds; felt paper, \$2.75 per 100 pounds; tar sheathing, 40c. per roll of 400 square feet; dry sheathing, No. 1, 30 to 40c. per roll of 400 square feet; tarred fibre, 55c. per roll; dry fibre, 45c. (See Roofing; also Tar and Pitch).

Cement.—Canadian cement is quotable, as follows, in car lots, f.o.b., Montreal:—\$1.30 to \$1.40 per 350-lb. bbl. in 4 cotton bags, adding 10c. for each bag. Good bags re-purchased at 10c. each. Paper bags cost 2½ cents extra, or 10c. per bbl. weight.

Chain.—Prices are as follows per 100 lbs.:—¼-inch, \$4.90; 5-16-inch, \$4.40; ¾-inch, \$3.70; 7-16-inch, \$3.50; ½-inch, \$3.25; 9-16-inch, \$3.20; ¾-inch, \$3.15; ¾-inch, \$3.10; ¾-inch, \$3.05; 1-inch, \$3.05.

Coal and Coke.—Anthracite, egg, stove or chestnut coal, \$6.75 per ton, net; furnace coal, \$6.50, net. Bituminous or soft coal: Run of mine, Nova Scotia coal, carload lots, basis, Montreal, \$3.85 to \$4 per ton; cannel coal, \$9 per ton; coke, single ton, \$5; large lots, special rates, approximately \$4 f.o.b., cars, Montreal.

Copper.—Prices are strong at 14 to 14¼c.

Explosives and Accessories.—Dynamite, 50-lb. cases, 40 per cent. proof, 15c. in single case lots, Montreal. Blasting powder, 25-lb. kegs, \$2.25 per keg. Special quotations on large lots of dynamite and powder. Detonator caps, case lots, containing 10,000, 75c. per 100; broken lots, \$1; electric blasting apparatus:—Batteries, 1 to 10 holes, \$15; 1 to 20 holes, \$25; 1 to 30 holes, \$35; 1 to 40 holes, \$50. Wire, leading, 1c. per foot; connecting, 50c. per lb. Fuses, platinum, single strength, per 100 fuses:—4-ft. wires, \$3; 6-ft. wires, \$3.54; 8-ft. wires, \$4.08; 10-ft. wires, \$5. Double strength fuses, 4-ft., \$3.75; 6-ft., \$4.29; 8-ft., \$4.83; 10-ft., \$5.37. Fuses, time, double-tape, \$6 per 1,000 feet; explometers, fuse and circuit, \$7.50 each.

Galvanized Iron.—The market is steady. Prices, basis, 28-gauge, are:—Queen's Head, \$4.10; Colborne Crown, \$3.85; Apollo, 10¾ oz., \$4.05. Add 25c. to above figures for less than case lots; 26-gauge is 25c. less than 28-gauge, American 28-gauge and English 26 are equivalents, as are American 10¾ oz., and English 28-gauge.

Galvanized Pipe.—(See Pipe, Wrought and Galvanized).

Iron.—The outlook is strong. The following prices are for carload quantities and over, ex-store, Montreal, prompt delivery; No. 1 Summerlee, \$21.50 to \$22 per ton; selected Summerlee, \$21 to \$21.50; soft Summerlee, \$20.50 to \$21; Clarence, \$19.50 to \$20; Carron, No. 1, \$21.50 to \$22, and Carron special, \$21 to \$21.50.

Laths.—See Lumber, etc.

Lead.—Prices are about steady at \$3.55 to \$3.65.

Lead Wool.—\$10.50 per hundred, \$200 per ton, f.o.b., factory.

Lumber, Etc.—Prices on lumber are for car lots, to contractors, at mill points, carrying a freight of \$1.50. Red pine, mill culls out, \$18 to \$22 per 1,000 feet; white pine, mill culls, \$16 to \$17. Spruce, 1-in. by 4-in. and up, \$15 to \$17 per 1,000 ft.; mill culls, \$12 to \$14. Hemlock, log run, culls out, \$13 to \$15. Railway Ties; Standard Railway Ties, hemlock or cedar, 35 to 45c. each, on a 5c. rate to Montreal. Telegraph Poles: Seven-inch top, cedar poles, 25-ft. poles, \$1.35 to \$1.50 each; 30-ft., \$1.75 to \$2; 35-ft., \$2.75 to \$3.25 each, at manufacturers' points, with 5c. freight rate to Montreal. Laths: Quotations per 1,000 laths, at points carrying \$1.50 freight rate to Montreal, \$2 to \$3. Shingles: Cedar shingles, same conditions as laths, X, \$1.50; XX, \$2.50; XXX, \$3.

Nails.—Demand for nails is better and prices are firmer, \$2.40 per keg for cut, and \$2.35 for wire, base prices. Wire roofing nails, 5c. lb.

Paints.—Roof, barn and fence paint, 90c. per gallon; girder, bridge, and structural paint for steel or iron—shop or field—\$1.20 per gallon, in barrels; liquid red lead in gallon cans, \$1.75 per gallon.

Pipe.—Cast Iron.—The market is unsettled and uncertain, as dealers are compelled to meet competition from all sources. Prices are easy and approximately as follows:—\$31 for 6 and 8-inch pipe and larger; \$32 for 5-inch and 4-inch at the foundry. Pipe, specials, \$3 per 100 pounds. Gas pipe is quoted at about \$1 more than the above.

Pipe.—Wrought and Galvanized.—Demand is much better and the tone is firm, though prices are steady, moderate-sized lots being: ¼-inch, \$5.50 with 63 per cent. off for black, and 48 per cent. off for galvanized; ¾-inch, \$5.50, with 59 per cent. off for black and 44 per cent. off for galvanized; ½-inch, \$8.50, with 60 per cent. off for black, and 49 per cent. off for galvanized. The discount on the following is 72½ per cent. off for black, and 62½ per cent. off for galvanized; ¾-inch, \$11.50;