

The Locomotive and Machine Co., of Montreal, is building the following locomotives: a six-wheel saddle tank logging locomotive, cylinders 13 x 22 ins., for the British Columbia Mills Timber and Trading Co.; two 10-wheel locomotives, cylinders 19 x 26 ins., and one switching locomotive, cylinders 18 x 24 ins. for the Toronto, Hamilton and Buffalo Ry.; two 6-wheel switching locomotives, cylinders 19 x 26 ins., for the Dominion Coal Co., Sydney, N.S., for delivery May 15; one 6-wheel saddle tank locomotive, cylinders 20 x 24 ins., for the Cumberland Ry. and Coal Co., for delivery June 15; one 8-wheel passenger locomotive, cylinders 17 x 24 ins., for the Brockville, Westport and Northwestern Ry. for delivery June 15; 11 consolidation locomotives, cylinders 21 x 28 ins., for the C.P.R., delivery to be completed by Sept. 1; 10 10-wheel passenger locomotives, cylinders 20 x 26 ins., for the G.T.R., delivery to be completed by Oct. 15.

The legal arrangements confirming the merging of the business of the Locomotive and Machine Co. of Montreal with that of the American Locomotive Co. were completed Mar. 31. We are advised that there will be no change in the title or policy of the Montreal company, as it will be carried on as a Canadian industry, and as an entire and separate organization from any of the American Locomotive Co.'s plants. Additional machinery is being placed as rapidly as possible, and at an early date some portions of the plant will be enlarged so that there may be no delay in handling the business. The structural steel plant is complete and modern. The general layout of the works and the modern plant installed is calculated to enable the Company to turn out work expeditiously. A temporary board has been elected, including the following officers and directors: President, S. R. Callaway, New York, President of the American Locomotive Co.; Vice-President, A. J. Pitkin, New York, Vice-President A. L. Co.; other directors: K. W. Blackwell, Montreal, President Montreal Steel Co.; D. W. Morrow; Manager, Roger Miller, Montreal, a member of the board of the old company; Secretary, Leigh Best, New York, Secretary of the A. L. Co.; Treasurer, C. B. Denny, New York, Treasurer A. L. Co.; Assistant Manager, S. T. Callaway; Superintendent, G. Garry, formerly Superintendent of the Rhode Island Works of the A. L. Co.; Chief Engineer, M. J. Butler.

The Michigan Central Rd. has added to its equipment in Canada 20 new 36 ft. merchandise cars, 80,000 lbs. capacity, built at its St. Thomas, Ont., shops, and 16 new 80,000 lb. box cars. It has also received 14 compound consolidation locomotives from the Schenectady works of the American Locomotive Co. 10 of these locomotives are now in service on the Canadian Division. The general dimensions are:

Cylinders	23 in. and 35 in. x 32 in.
Diameter driving wheel centre	36 in.
Inside diameter of boiler	68½ in.
Total weight of engine	190,000 lbs.
Weight on drivers	164,000 lbs.
Boiler pressure	160 lbs.
Steam straight, radial stay type.	
Firebox, length	210 lbs.
" width	96 ins.
Flues, 4 in. diameter	75½ in.
Heating surface, tubes	3,040.8 sq. ft.
" firebox	148.05 sq. ft.
" arch flues	28.27 sq. ft.
Total heating surface	3,217.1 sq. ft.
Grate area	50.3 sq. ft.
Valves, high pressure	3,300 tons
Tonnage rating	

The Canadian Locomotive Co. is building one geared locomotive for the Johnsons Co., The Clifford Mines, Que. The following are the general dimensions:

Gauge	3 ft. 6 in.
Fuel used	Bituminous coal
Weight in working order, drivers	40,000 lbs.
" total	40,000 lbs.
Wheel base of engine, rigid	20 ft.
" total	20 ft.

Length over all, engine	25 ft. 8 in.
Width	7 ft. 6 in.
Height	9 ft. 10 in.
Diameter of driving wheels	30 in.
Material of driving wheel centres	Cast iron
Diameter and length of driving journals	4 in. x 6 in.
Diameter of cylinders	12 in.
Stroke of cylinders	10 in.
Type of boiler	Radial stay
Working pressure of boiler	160 lbs.
Number of tubes	87
Diameter of tubes	2 in.
Length of tubes	6 ft.
Injectors	Locomotive type
Safety valves	
Brakes	Steam
Tank capacity	550 gallons.

The Canadian Locomotive Co. is building a six-wheel saddle truck locomotive for the Hamilton Steel and Iron Co. Following are the general dimensions:

Gauge	4 ft. 8½ in.
Fuel used	Bituminous coal
Weight in working order, drivers	70,000 lbs.
" total	70,000 lbs.
Wheel base of engine, rigid	9 ft. 6 in.
" total	9 ft. 6 in.
Length over all, engine	28 ft. 0 in.
Width	8 ft. 3 in.
Height	11 ft. 4 in.
Heating surface, firebox	61.0 sq. ft.
" tubes	612.0 sq. ft.
" total	673.0 sq. ft.
Diameter of driving wheels	42 in.
Material centres	Cast iron
Diameter and length of driving journals	6½ in. x 8 in.
" of cylinders	14 in.
Stroke of	22 in.
Type of boiler	Radial stay
Working pressure of boiler	180 lbs.
Number of tubes	124
Diameter	2 in.
Length	9 ft. 7½ in.
Injectors	Locomotive type
Safety valves	Locomotive type
Brakes	Steam brake
Tank capacity	500 gallons

The Intercolonial Ry. has completed at its Moncton shops three 10-wheel passenger locomotives, and has another of a similar type under construction there. Following are the general dimensions:

Weight on drivers	114,204 lbs.
" on truck wheels	31,236 "
" total	145,440 "
Wheel base, total of engine	24 ft. 4 in.
" driving wheels	14 ft. 1 in.
" total engine and tender	50 ft. 9½ in.
Length over all, total engine and tender	60 ft. 10 5/16 in.
Driving wheels, diameter	72 in.
Cylinders, diameter and stroke	20 x 26 in.
Working steam pressure	200 lbs.
Firebox, length	108 in.
" width	40½ in.
Tubes, material	charcoal iron
" number	275
" diameter	2 in.
Heating surface tubes	1844.69 sq. ft.
" fire-box	155.13 "
" total	1999.82 "
Grate area	30.5 "
Weight of tender loaded	130,000 lbs.
Wheels, diameter	36 in.
Water capacity	6,000 gals.
Coal	10 tons

The Central Ontario Ry. has ordered an eight-wheel passenger locomotive from the Canadian Locomotive Co. Following are the general dimensions:—

Gauge	4 ft. 8½ in.
Fuel used	Bituminous coal
Weight in working order, drivers	75,000 lbs.
" total	115,000 lbs.
Wheel base of engine, rigid	9 ft. 0 in.
" " and tender	23 ft. 7 in.
" " " " " " " "	47 ft. 0 in.
Length over all, engine and tender	46 ft.
Width	9 ft. 11 in.
Height	13 ft. 11 in.
Heating surface, firebox	150.0 sq. ft.
" tubes	1377.2 "
" total	1527.2 "
Diameter of driving wheels	63 in.
Material of driving wheels, centres	cast iron
Diameter and length of driving journals	8 in. x 8½ in.
" of cylinders	18 in.
Stroke	24 in.
Type of boiler	extension wagon top
Working pressure of boiler	180 lbs.
Number of tubes	236
Diameter	2 in.
Length of	11 ft. 9½ in.
Brakes	Westinghouse automatic
Weight of tender, loaded	75,000 lbs.
Capacity of tank	3,500 Imp. gals.
Style of tank	U
Coal capacity	6 tons
Style of truck	centre bearing
Diameter of wheel	33 in.
Kind of wheel	wrought iron centres, steel tires
Diameter and length of journal	4½ in. x 8 in.
Brake beam	steel

Victoria Rolling Stock Co. of Ontario, Ltd.

The directors' report for the year ended February 15, says:—"Towards the close of the Company's year the directors completed arrangements for a lease, against which bonds will be issued to the amount of \$2,400,000. and it was considered advisable, inasmuch as a considerable portion of the Company's bonds are held in Great Britain, to make part of the issue in sterling. The bonds are therefore being issued, \$1,440,000 in currency and £197,200 in sterling, bearing 4% interest, and while the rate of interest for this class of security is rather higher than for some time past, the directors have thought it best to issue the bonds on the above basis and to sell them at a discount rather than issue the bonds at a higher rate. Up to date the Company has sold of these bonds \$223,000; the discount and commission on same, \$16,100.04, have been written off in the accounts for the year. The full amount of this account might properly have been carried over to next year, as no profit on this lease has been taken into account this year, but the directors thought it well to write off the whole amount. During the year outstanding bonds against leases have been reduced by \$694,500, and the final payments under the following leases have matured and were duly met by the respective railway companies and conveyances of the rolling stock included in the leases duly executed by this Company: lease Nov. 12, 1888, to the C.P.R. Co. Lease Sept. 27, 1893, to the Minneapolis, St. Paul & Sault Ste. Marie Ry. Co. Lease Feb. 6, 1894, to the Duluth, South Shore & Atlantic Ry. Co. All other payments maturing during the year have been promptly met. The profit on the year's business, after charging up directors' fees, expense account and the discount and commission on bonds sold, is \$18,775.23; out of which a dividend of 12% per annum on the paid-up capital stock, amounting to \$14,400, has been paid, leaving \$4,375.23 carried forward to profit and loss account, which now stands at \$98,604.72.

ASSETS.

Obligations on leases	\$1,415,481 15
Amount paid by Company on account of series "S" lease	699,290 00
Debtentures held by Company and accrued interest	136,751 03
Cash in bank	7,359 61
	<u>\$2,258,881 79</u>

LIABILITIES.

Capital stock subscribed	\$600,000 00
do. paid up	\$120,000 00
Debtentures outstanding	1,447,000 00
Interest accrued on same	20,277 07
Debtentures sold and outstanding against series "S" lease	223,000 00
Advances against debtentures	350,000 00
Balance at credit of profit and loss	98,604 72
	<u>\$2,258,881 79</u>

PROFIT AND LOSS YEAR ENDED FEB. 15, 1904.

Interest paid and accrued on debtentures and advances	\$86,621 14
Discount and commission on debtentures sold series "S"	16,100 04
Expense account	1,436 31
Directors' fees last year	1,300 00
Dividend account	14,400 00
Balance carried forward	98,604 72
	<u>\$218,462 21</u>

Balance at credit of profit and loss account, Feb. 15, 1903	\$94,229 49
Rents received and accrued on leases and interest on debtentures held by the Company	124,232 72
	<u>\$218,462 21</u>

MEMORANDUM RE ROLLING STOCK.

Original cost of Rolling Stock held under existing leases	\$3,660,682 53
Amount paid in on account by railway companies in addition to interest	2,218,793 80
	<u>\$1,441,888 73</u>
Total amount of the Company's debtentures outstanding	\$1,447,000 00