

and the other two to other parts of the country, so that by means of machinery and sheep-breeding throughout the country, there is a good prospect of every Canadian wearing a decent suit of Canadian growth and manufacture. But the crowning achievement of the Joseph Hall Works is, in our judgment, the undertaking they are at present earnestly engaged in, of manufacturing not less than ten portable steam engines, of from fifteen to twenty horse power each, destined for the oil regions. Six of these compact and beautifully made engines are for John Miller & Co., Toronto, and the other four for other enterprising speculators in the same direction. In fact, so complete and so extensive are the facilities afforded by the Joseph Hall Works in this department, of their large business, that they fully calculate upon being able to turn out two completely equipped portable steam engines every week.

The importance to a small place like Oshawa of such an establishment for home manufactures, cannot be overrated. When it is considered that a hundred and sixty families, maintained by these works, expend their earnings in rent, provisions clothing, fuel, &c., in the village, the direct benefit is very considerable; but in addition to this, the expenditure in various other different ways, must circulate a large amount of money in all directions, tending to advance prosperity and progress among the community. To give some idea of the money value of the business done at these works, and by inference the benefits derived from them among ourselves as Canadians, rather than by others in the country across the lake, it may be mentioned that the average amount of wages paid *weekly* is in winter \$800, and in summer \$1000, say, within the year, \$50,000, exclusive of other charges for employment. And as the natural comparison of the cost of labour, it is enough to state that the aggregate value of the work done in 1864 was over \$125,000; for this year (1865) it will amount to nearly \$175,000; and, calculating from the orders already received and in negotiation, as well as on the improved circumstances of the country through the abundant harvest and high prices, the manager confidently anticipates that the business of 1866 will certainly be increased to \$200,000, and under favourable results to probably \$250,000, or a quarter million dollars! an amount of enterprise which speaks largely in favor of home industry and home consumption.

Everything about the Oshawa works is substantial and of the best kind. All modern improvements, which have been tried and found serviceable, have been adopted; and the industrial experiences of the New England States, those great

workshops of machine labour, have been freely availed of. The highest wages are paid for skilled labour; all possible encouragement is given to make the hands contented, and feel an interest in the welfare of the factory; and a more intelligent, as well as zealous, set of hands no company could wish for. There is a constant and careful supervision of every particular branch of work going on; no expense is spared to provide the best materials in metal as well as in wood; and it is the pride of the Company to turn out the articles they manufacture in a workmanlike manner, substantial and neat, so as to wear well and bear the test of time.

Trained in the large experience of an extensive and successful manufactory at Rochester, which at one time supplied nearly the whole of the Northern and Western States, and which, in the early history of our Provincial Agricultural Association, contributed almost all the agricultural machines then exhibited in Canada (many of which were in those days not only new, but almost a wonder to our farmers), the manager of the Joseph Hall Works has been able to bring to bear upon the Oshawa enterprise that amount of practical knowledge, tried skill, and systematic oversight, to which, combined with prudence, no doubt the marked success of the Oshawa manufactory owes so much of its prosperity. Nor should it be forgotten that while the Works are conducted with energy, skill and care, the management is equally liberal; though prudent, it is far from being close-handed; and it is worthy of notice that, at the recent Exhibition at London (1865), the "Joseph Hall" Company gave, as the first prize to the most successful ploughman, one of their best "Combined Clover Machines," of the value of three hundred dollars.

We are inclined to think that very few persons have any adequate conception of the magnitude of this establishment, or the extent of business done at these works in the manufacture of engines and machines; and for our own part we were quite as much surprised as gratified to witness such a display of skill and enterprise, which it is true we had heard of, but until now, by actual observation, had never realized.

It would perhaps be invidious to institute comparisons between the Oshawa works and those in other parts of the Province, but we think we are justified in saying, that in extent of enterprise, in sound and accurate workmanship, and in able management, they are second to none. It ought certainly to be a matter of congratulation that Canada can now boast of possessing so many excellent manufactories of steam engines, agricultural and other machines, which economize time and labour, and enable our raw material of home