

same. The motion of the sickle has been increased about 25 per cent, and many weak points of the original machine that were made of wood, are now, by Mr. Helm, manufactured of wrought iron. In addition to the foregoing improvements, it may be made to cut at least three inches lower, and the power wheel is increased in diameter about 75 per cent, and in fact the whole gearing has been considerably modified and improved, causing in fact many serious objections against this machine to be no longer operative.

DOMESTIC MANUFACTURES.

This branch of the show was made up of so many parts, the most of which, in point of merit, were so equal, and at the same time there being nothing exhibited that could be considered new, either in character or principle of construction, that a lengthy report thereon cannot be expected. Many articles entered in this class gave the strongest proof possible of the capacity of our mechanics and manufacturers to produce as good an article as can be imported from other countries.

WOOLLEN AND FLAX GOODS.

As was expected, S. E. McKechnie, Esq., of the town of Cobourg, took off nearly all the prizes for woollen goods. There were a few exceptions, but in the main the goods from his establishment, both in quantity and quality, far exceeded all the other lots put together.

In a desultory report such as might be expected from a person who was so ill in health during the most of the fair, that it was absolutely painful to actively engage in scrutinizing the busy scenes that were every where presented to the notice, and, withal, in the absence of notes or memorandums to correct a naturally imperfect memory, the license of taking a wide latitude of thought, and a free and easy style of reasoning, may be indulged in without in the slightest degree detracting from the interest and value of reports of this nature.

Acting upon this principle, we shall here describe not so fully the style and quality of woollens exhibited at the show as those that were seen by the writer on the third day of the exhibition, while on a visit through the various departments of the extensive woollen manufacturing establishment of S. E. McKechnie, Esq. Certainly this factory is in every respect equal, if not superior to one conducted by a large and wealthy corporate body in the village of Waterloo, in central New York, after it had been many years in successful operation. When equal is here stated, the idea to be conveyed is simply that the same amount of capital, number of hands, and quality of wool employed in the business, will produce as great a quantity of cloth in a given period of time, of equal, if not of superior quality, to that produced in the woollen factories of Waterloo, Auburn, or even of Lowell, or the other Eastern manufacturing cities, a few years ago. In saying this much no disparagement whatever is meant to the Cobourg Factory, but on the contrary, the highest encomium that could be made to a Canadian enterprise, conducted by a single, spirited and enterprising individual, is intended, by the above comparison. The building is very appropriately divided into departments, in the following order:—spinning, carding, weaving, dyeing, fulling, and finishing, a store or sale-room, with an office adjoining, for the transaction of business connected with the establishment, are close to the main building, but detached, so that no person can make any excuse to enter the apartments where some fifty operatives are busily at work, without first having obtained permission by a card of admittance from the managing clerk. The main building is constructed of brick, with the basement story of stone, the whole being five stories high. Large and commodious out wings are being erected, and from the general buzz of business, the inference may be fairly drawn, that this decidedly great Canadian enterprise has proved perfectly