

The construction of Richmond and Chandler's Machines offers many important advantages, as the rollers have hooked teeth (in place of the ordinary form of grooved cylinders), which uniformly bring forward the feed with certainty, and are not liable to the inconvenience of choking while they admit of any variation in the feed to suit the power employed, and by means of toothed wheels a change can be readily made to cut any required length.

In recommending these machines, it is unnecessary to explain the many and great advantages to be derived from their use, particularly in connection with the Steam-feeding Apparatus. In public stables the saving they effect is most important! "Indeed so visible are the results of feeding cut fodder (whether as regards economy or the improved condition of animals so fed), that no stable should be without a machine suited to its extent, even where there is but one horse kept."

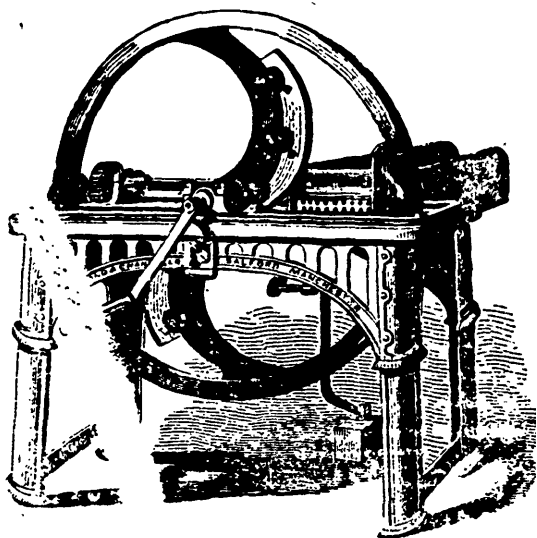
The superior style of workmanship in this new class of Chaff-cutters is particularly manifest in the improved bearings, fitted with brass journals and loose caps, which can quickly be adjusted as the journals wear in their bearings, or when renewal is required.

Our third engraving represents a still larger machine, adapted to hand or power. It is 11 inches wide in the mouth, rising from 1½ to 5 inches. Price £10, complete. Pulley for power 9s. Knives 4s. 6d. each. Change wheels, to vary the length of cut, 6s. per pair extra.

This machine has registered improvements similar to the last mentioned, fitted with the well-known self-feed safety tooth roller, the form of which has been improved and reconstructed, so that the feeding is thereby facilitated, and even occasional slippage and

choking are prevented. The machine is made entirely of iron, firmly bolted and stayed together, standing steadily, and working with comparative ease. Its bearings are of brass, and the working parts are fitted with the greatest precision.

In feeding the machine with hay or straw be particular in keeping the feed an equal and regular thickness, and it will be found to cut more, and easier, than when it is overfed, and entirely prevent the machine from being strained or broken. It is of the greatest importance that the machinery should be kept perfectly clean, and the best sperm oil used wherever there is any friction. Attention



to this matter will promote both its durability and efficiency.

The chaff cutters have frequently carried off the first prizes at the three National Shows of the British Islands, and their superiority, whether in design, the quality of material, or the finish of the workmanship, are universally acknowledged. Messrs. Richmond & Chandler's manufactory is in Manchester, England, and they export a large number of their different implements and machinery to foreign countries, and the British Colonies.