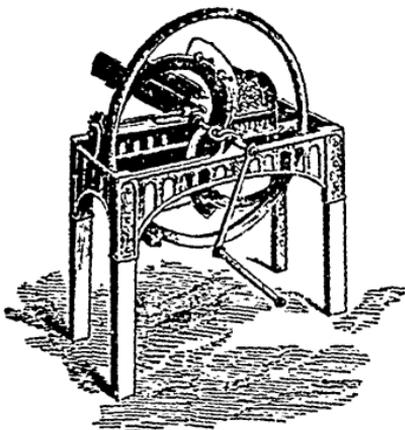


ting of hay or straw into short lengths does of course promote in some degree these objects, but the principal advantage of the chaff-cutter is that inferior food, such as different kinds of straw or haulm, can be cut with hay, thereby effecting a thorough mixture of different qualities, which the animal is obliged to consume as a whole, and thus prevents it from choosing and wasting its food. It is in effecting this mixture of different things, and the prevention of waste in the feeding of them to stock, that the economy of the chaff-cutter principally consists. With ruminating animals, such as cows, for instance, the cutting of hay or straw, so far as the power of mastication and digestion is concerned, is a matter comparatively unimportant. It is far different however with the horse, especially when that animal is driven hard, and has but little time for feeding or rest.

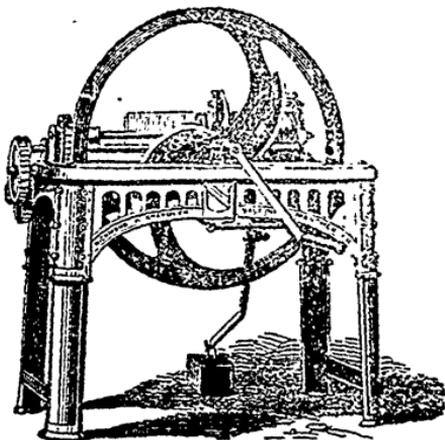
Mr. Finnie, in a discussion before the Highland Society of Scotland, a few years since, argued for the use of the chaff cutter, when hay or straw is given as food, on the following grounds:—1st, because the horse will thus be induced to consume a much larger proportion within the 24 hours; 2nd, because you will afford him some hours of additional rest, during that time, to recruit his exhausted system, as, comparatively speaking, he almost requires no time to fill himself; and 3rd, which is not the least important consideration, the more fodder he eats, the better will be his condition; for it is certain that any stranger going through a stud of farm horses, will have no difficulty in pointing out those which are the best consumers of fodder.

These machines are more or less in use in every section of this Province, and some cheap and tolerably efficient implements are made in various places. We have noticed of late years, at the Provincial Exhibitions, that these, as well as other important agricultural implements, have undergone very marked improvements. We now invite the attention of our readers to the following illustrations of RICHMOND & CHANDLER'S

Chaff Cutters; a firm, which, it would not perhaps, be too much to say, stands unrivalled for machinery of this description. Their machines are constructed entirely of iron, and fitted with toothed rollers. Careful attention has been given to the feed rollers, and the rising of the mouthpiece, so as effectually to avoid the inconvenience of choking.



The above cut represents a machine with two knives, simple in construction, neat in appearance, expeditious in operation, portable and effective for its purpose, and produces a clean and neat cut. It can readily be fed and turned by one man, and cuts easily 20 bushels an hour. Price £4 10s. Extra knives 4s. 6d. each.



The above cut represents a larger machine. Price £7.