

THE CLIPPER MOWERS AND REAPERS.



CLIPPER AT WORK IN THE FIELD.

These Machines, during the past four years, have been manufactured by Mr. R L. ALLEN, of New York City, and the very favorable manner in which they have been received by the agricultural community, together with the large and increasing demand for them, has led to the formation of the CLIPPER MOWER AND REAPER COMPANY, which have purchased and now control the entire patents. The Company have a large Capital and unsurpassed facilities, which are entirely devoted to the business.

These Machines have been modified from year to year as each successive season's experience in the field showed any point susceptible of improvement, and it now ranks, among harvesting machines, as our modern light steel forks and hoes do, in comparison with the old fashioned and heavy wrought-iron implements of the past generation.

The CLIPPERS are built on the system of *interchangeable parts*, a system that has not in full been heretofore applied to the construction of any Mower. The like parts are *exact duplicates* of each other, and will fit any and all machines of the same number. By this method we are able to secure *exact uniformity* in all our machines, and all will work *equally well* in the field, whether put together by the Company or by their sub-builders.

Repairs are also much more easily made, by substituting a new piece, in place of the worn or broken one, without deranging or injuring the other parts of the machine.



CLIPPER PASSING AN OBSTRUCTION.

To avoid bulk and secure *durability*, iron has been substituted for wood. To avoid weight and secure strength, *wrought and malleable iron* have been largely substituted for cast iron, and *steel* for wrought or malleable iron, and to secure simplicity, the number of pieces in a machine has been greatly reduced, without sacrificing either utility, convenience, or durability.

While the CLIPPERS possess every point of real excellence found in other machines, they have many important features peculiar to themselves, viz :

THE DRIVE WHEELS have ten wrought iron spokes (each bracing the adjoining ones) thus rendering them lighter, and at the same time much stronger, than the ordinary cast-iron wheels. Though they are independent of each other, either will drive. Both are in gear while advancing, and out of gear while backing. The inside wheel runs in the track of the shoe and does not press down the cutgrass.

THE FRAME is made entirely of cast and wrought iron, not in one piece, as in some machines, but in parts, so arranged that, in case any one is injured, that only requires to be replaced, which any farmer is competent to do. A frame of this material is almost indestructible, while it cannot be warped by exposure to the weather in any climate, as is the case with the wooden frames.

The fast running gearing and shafts are entirely cased, thus excluding dust, dirt, and the grass, and preventing any injury to the clothes or person of the driver. The casing together with the perfection of the gearing, and the mechanical arrangement of the several parts, renders this machine almost noiseless in its operation.



CLIPPER ON THE ROAD.

THE DRAFT ATTACHMENT is another peculiar and important feature of the CLIPPER Machines. Being applied to the front end of the frame and lower the pole (that serving merely as a guide to the team), the draft is completely upward, whereby the inside shoe is made to pass lightly over the ground, rendering unnecessary the leading wheel in front of the shoe with its attending evils.

The method of adjusting the CUTTING APPARATUS of the CLIPPER is at once novel and peculiar. By means of the adjusting lever the driver is enabled at all times, when the Machine is in motion, to raise or lower the points of the fingers and knives, thus varying the angle of the cut, and adapting it to lodged grass or rough boggy ground.

THE PATENT CAST STEEL FINGER-BAR AND SOLID CAST STEEL GUARDS,

Not liable to clog or break, with the under surface of the finger-slot hardened and the ball and socket knife-head make the most perfect *Cutting-Apparatus known*, and are as much in advance of the common flat bar and malleable iron guard, as the latter are in advance of the old wooden bars and cast iron guards, and to this most important of all requisites to a perfect Mower, we invite your particular attention.

These are a few of the more important features peculiar to the CLIPPER Machines; for a description more at length, we refer those interested to the Pamphlets of the Company.

In its general appearance, the absence of the heavy, cumbersome, wooden frame, the fine and well adjusted proportions and tasteful design of the Machine, make the Clipper Mower one of the most attractive of all the implements used on a farm; while, from its costly material and workmanship, it is cheaper at its price than any other in the market.



ONE HORSE CLIPPER AT WORK.

This, the only really practical One-Horse Mower in the market, is constructed on the same general principle as the Two-Horse Machines, and is as easily drawn and worked by one horse as the larger ones are by two. It is capable of cutting from one-half to three-quarters of an acre an hour with ease, without distress to the team, even in the hottest weather.

THE CLIPPER MACHINES

ARE MADE OF

Four Different Sizes, all on the Same Uniform Principle,

AND DESIGNATED BY NUMBERS AND SOLD AS FOLLOWS:

NET CASH PRICES.

No. 1.—	480 lbs. weight,	3½ feet cut,	30 in. wheels,	one horse,	- - \$110 00
No. 2.—	510	4	30	light two horse,	120 00
No. 3.—	620	4½	32	medium,	- - - 130 00
No. 4.—	682	4¾	36	large,	- - - 140 00
No. 5.—		5	36	"	- - - 145 00
No. 4.—		4½	36	combined,	- - 180 00
No. 5.—		5	36	"	- - - 185 00

WARRANTY.

The CLIPPER MACHINES are warranted to be well built; of good material; to be strong and durable; of light draft, and easily managed; and to do their work equal to the best that can be done with a Mowing Machine, or a Hand Scythe.

If any part proves defective, on account of imperfect material or workmanship, it will be made good, free of cost to the purchaser.

ALLEN & WILLARD,
LOCAL BUILDERS,
HARTFORD, CONN.