



THE IMPROVED LION

Self-Discharging Hay and Grain Rake.

UNEQUALED FOR SIMPLICITY

UNEXCELLED FOR DURABILITY.

For *EASE OF OPERATING*,

WITHOUT A RIVAL.

*Any boy or girl that can drive a horse
can rake with it as well as
the strongest man.*

NO WEIGHT ON HORSE'S BACK.

DUMPS FROM THE CENTER.

NO SIDE DRAFT.

Teeth elevated by *both wheels*.

Great carrying capacity.

Axle above centre of wheel.

Adjustable for large or small windrows

Twenty Steel Teeth tempered in oil.

No Ratchets, Pawls, Gears nor

Springs in wheels. Solid

Iron Hubs, with Wrought

Iron Axle.

IMPROVED LION SELF OPERATING



SULKY RAKE

MANUFACTURED BY

A.W. MINER & CO.

BELMONT, N.Y.

FOR SALE BY



POINTS OF SUPERIORITY.

SIMPLICITY.—The mechanism for elevating the teeth of this Rake consists simply of a double crank and two independently acting clutches.

DURABILITY.—The lifting device is sufficiently strong to withstand the severest strain, and is subjected to *no wear whatever* except when lifting the teeth. Nor can it be injured by accidentally or otherwise throwing clutches into gear while the teeth are falling. This is an objectionable feature found in most self-dump Rakes, but which is fully overcome in the construction of the Lion.

EASE AND NICETY IN OPERATING.—To discharge a gathered load, the operator has to merely put the right foot upon a conveniently placed pedal and press downwards, which locks the lifting device, thus requiring no further care from the driver, as the forward motion of the horse completes the operation.

The teeth are articulated in iron holders, and shaped so as to insure running smoothly upon the ground, and carrying instead of shoving the hay.

Five pounds pressure with the foot against the compound lever is sufficient to hold the teeth rigidly to the ground when bunching or raking very large windrows.

Owing to the fact that the teeth begin to raise at the instant the foot pedal is depressed, the operator has no difficulty in making his windrows straight and tidy.

The weight of the thills upon the horse's back does not exceed ten pounds, hence the draft is light and the possibility of galling the horse's back avoided.

GUARANTEE.—Every Rake is guaranteed to give satisfaction if properly managed; to be made of good material and in a workmanlike manner, and to do good work in all kinds of hay and grain.

EXAMINE OUR RAKE BEFORE BUYING.