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Jenkins

HAY RAKES
and *STACKERS*



*Jenkins Hay Rake
and Stacker Co.*

FACTORY
CHILLICOTHE, MISSOURI, U. S. A.

*A Line of Hay Machinery Which has Positively Proven Dependable,
Economical and Reliable in Service*

JENKINS HAY STACKERS

Automatic Swinging Stacker
Mammoth Automatic Swinging Stacker
Alfalfa Adjustable Arm Stacker, Cable Lift
Improved Adjustable Arm Stacker, Cable
Lift
Adjustable Arm Stacker, Bar Lift
Climax Stacker and Loader
Combination Stacker and Rake

JENKINS SWEEP HAY RAKES

No. 1 Improved Folding Rake
No. 2½ Rear Hitch Rake
No. 3 Truss Rake
No. 4 Truss Rake (Sliding Seat)
No. 4½ Pipe Axle Rake
No. 5 Climax Rake
No. 5½ Truss Rake (High Wheel)
No. 6 Plain Rake
No. 6½ Plain Rake (Loose Tongue)
No. 7 Rear Hitch Rake (Horse Lift)
No. 7½ Rear Hitch Rake (Pipe Axle)

Jenkins Hay Rake and Stacker Company
CHILLICOTHE, MISSOURI, U. S. A.

The Jenkins Mammoth Automatic Swinging Stacker

OUR Automatic Swinging Stackers are built in two sizes. The mammoth weighs 1,732 lbs. and measures 32 feet to the level of the stacker teeth, as shown in the illustration, while the regular Automatic measures 24 feet and weighs 1,491 lbs.

The JENKINS Mammoth Automatic Swinging Stacker, an enlargement of our regular Automatic Swinging Stacker, was designed to meet the severe requirements of western hay producers, where from necessity, large ricks must be built. For this reason it appeals to all who put up hay on an extensive scale.

On account of the heavy duty expected of this stacker, it is built unusually strong and will successfully handle the heaviest growths of alfalfa with ease. Four stakes readily hold it in position.

The manner of adjusting our Mammoth Stacker is ideal; a stop rope operating on the adjuster frame provides seven adjustments as to height. As to adjustments for delivery to different points on the rick, this is obtained by shifting a trip pin found in the casting which forms the base of the mast.

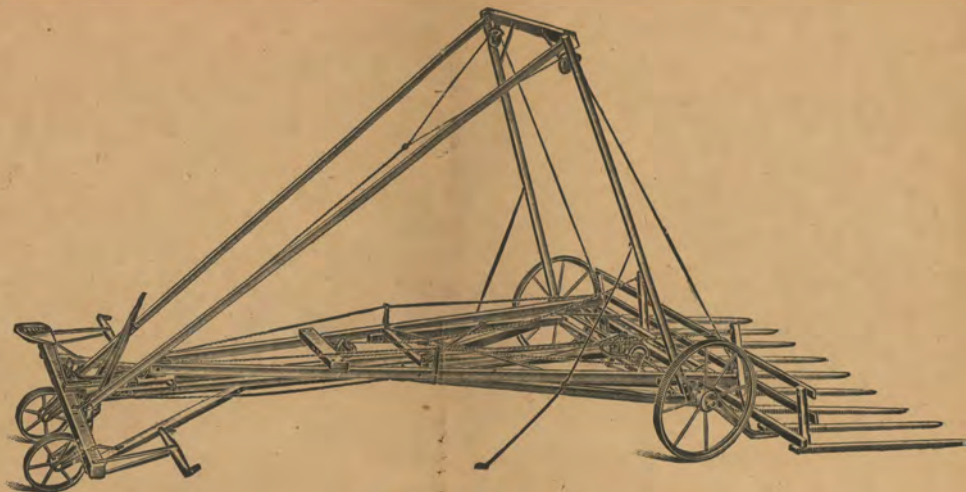
By means of these adjustments it is possible to deliver the hay in exactly the place needed, which insures an evenly balanced and solidly built rick.

Our Mammoth Automatic Swinging Stacker stands without an equal in the field. When we use the word "Automatic" we mean the machine is absolutely automatic in every operation. We stand alone in this respect.



Weight with Cable Equipment Complete 1,732 lbs.

Jenkins Patent Combination Stacker and Rake



Weight, 1,672 Pounds

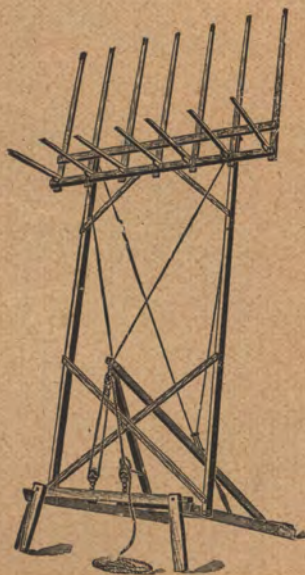
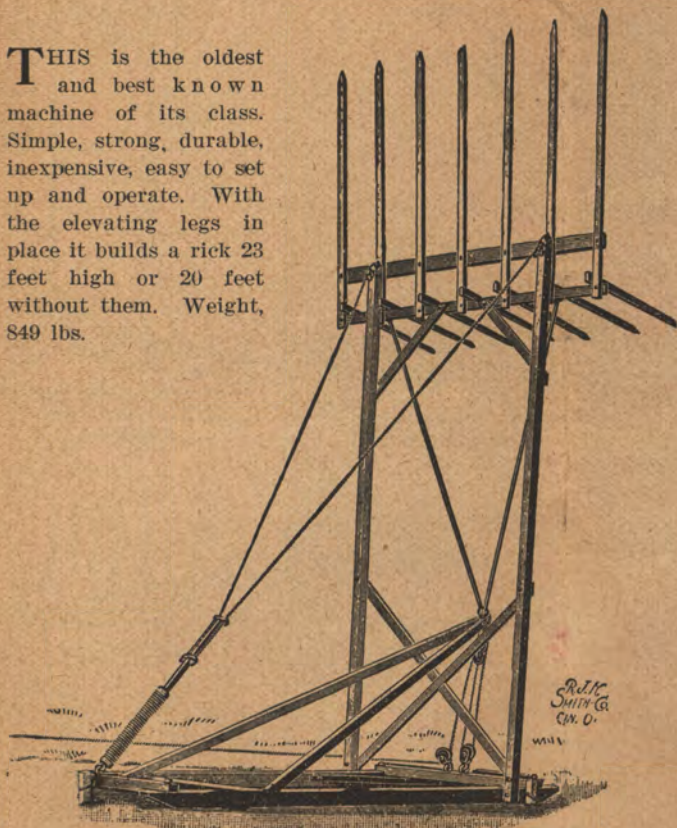
THE JENKINS Combination Stacker and Rake is the lightest draft, simplest and strongest portable stacker on the market. The large 45-inch wheels insure light draft, and its compact construction makes it easily operated. It has a solid steel axle and is constructed of reinforced wood and steel throughout. The fork being lifted vertically overcomes all tendency of the machine becoming overbalanced when heavily loaded, a feature not found in other makes of portable stackers.

In elevating, the fork head always maintains a level position and can be regulated to any de-

sired height without stopping the team. The teeth are automatically returned to loading position after discharging the load. The drum, clutch, and brake action is so positive that the machine is always under control. It will pass through a 10-foot gate and over narrow bridges, which is very important in irrigated sections. It will take the hay from the windrow or swath and can be used in connection with sweep rakes. A stack 20 to 25 feet high can be built with this stacker. It may also be used to load wagons to a good advantage.

Jenkins Climax Hay Stacker and Loader

THIS is the oldest and best known machine of its class. Simple, strong, durable, inexpensive, easy to set up and operate. With the elevating legs in place it builds a rick 23 feet high or 20 feet without them. Weight, 849 lbs.

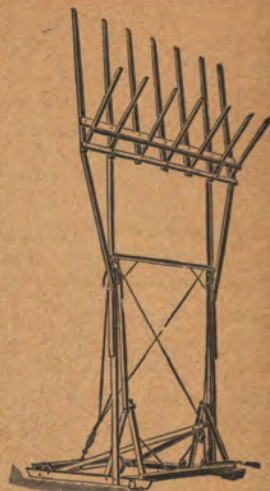


Climax Hay Stacker with
Elevating Legs Thrown
in Place

Mountings Will Be Supplied as an Extra



Jenkins Adjustable Arm Hay Stacker in Operation



**Adjustable Arm Stacker
with Arms Fully
Extended**

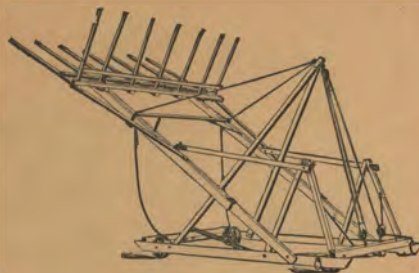


**Adjustable Arm Stacker
at its Lowest Height
with Lifting Bars
Disconnected**

Jenkins Adjustable-Arm Hay Stacker

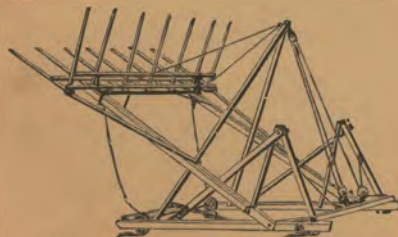
THIS is by far the best and most practical Adjustable Arm Stacker on the market. It begins stacking at an elevation of about 12 feet, and as the stack progresses above that height is quickly and easily adjustable by extension of the arms 12 inches at a time, to a height of 22 feet. The extension of the arms is by means of the lifting bars which are instantly adjusted to any desired height. Simply take out set-pins, shove the adjusting bars to next position and slip the pins back. This adjustment is simple and can be made while the machine is in operation, thereby precluding the possibility of having the hay scattered by high winds. The arms slide on grooved rollers and friction is practically eliminated.

When starting the load it has the lightest draft of any stacker on the market and only when operating with arms fully extended does the amount of power required approach that of other stackers. The Jenkins is the only stacker, which, in operation, automatically extends the arms to extreme height and draws them back to the shortest length before they reach the ground. Our Patent Rigid Bar Lift prevents any twisting or side strain on arms even if the whole load should lie on one side of the fork. The fork is pulled back after dumping by our Patent Return Spring, which acts as a cushion in stopping the fork. The short teeth are fastened to an adjustable bar and they can all be raised or lowered at once.



**Adjustable Arm Stacker, Showing
Action of Lifting Bars**

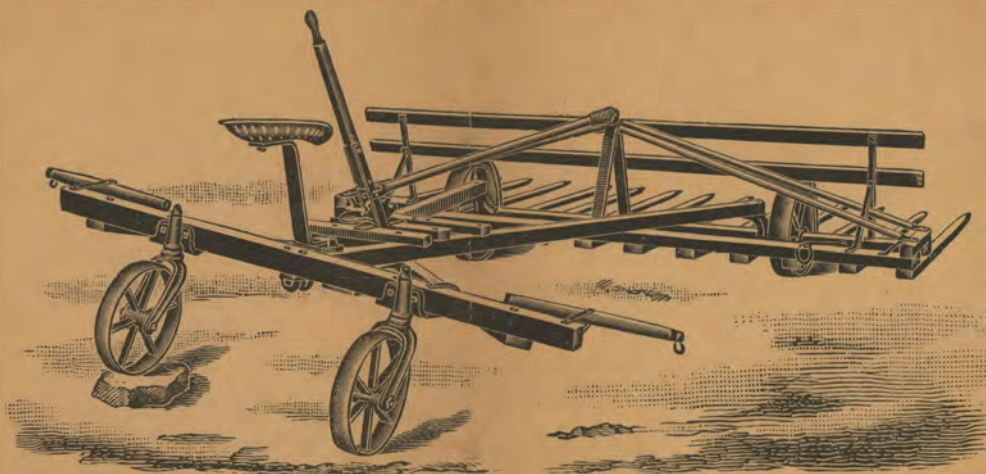
The rear teeth are always raised to hold the hay when "topping-out." Weight 977 lbs. Mounting supplied as an extra. -:-



**Adjustable Arm Stacker with Lifting
Bars Disconnected**

Jenkins Rear Hitch Horse Lift Rake No. 7

Weight 753 Pounds



No. 7—Rake, Showing Action of Oscillating Attachment Frame When Passing Over Rough Ground, Stones or Other Obstructions

THE JENKINS Rear Hitch Horse Lift Rake is designed with special reference to handling the heaviest hay or alfalfa grown in any section.

In this machine all the foremost features of rake construction are combined. A distinctive Jenkins feature is the Double Tubular Trussed Frame, insuring a rigid head; Triangular Push Frame with Oscillating Draft Attachment, allowing all four wheels to adjust themselves to rough or uneven ground, with no strain or twist on frame.

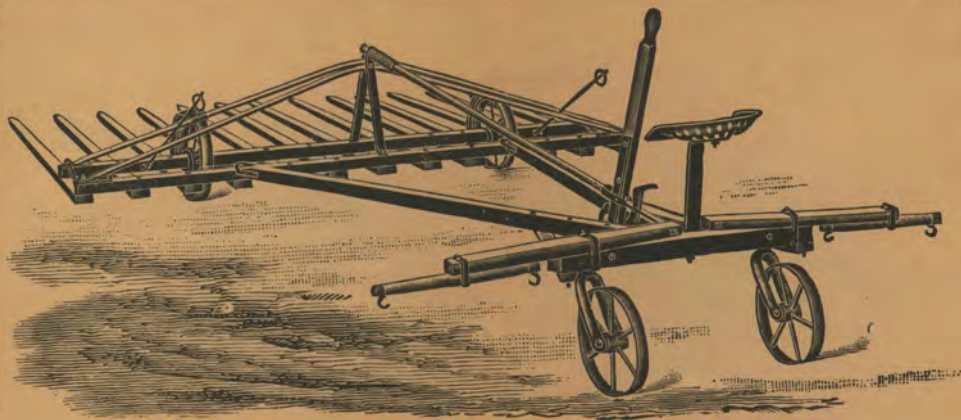
The teeth are eight feet long and are firmly held to the ground by the Double-locking Lever

and pressure, or tension spring on reach bar. Is under full control of the operator with the hand lever and foot trip. Direct force of team applied to lever when it is released by foot trip.

Heavy Steel Wheels, 24 inches high with 5-inch oval tire and hub 5 inches wide are used on this rake. The boxings for these wheels are in two sections, with hub cap to prevent the entrance of dirt. All wheels supplied with oil holes.

The seat is so attached to the frame that it retains a level position at all times, a pleasing feature to the operator.

Jenkins Four-Wheel Horse-Lift Rake No. 7½



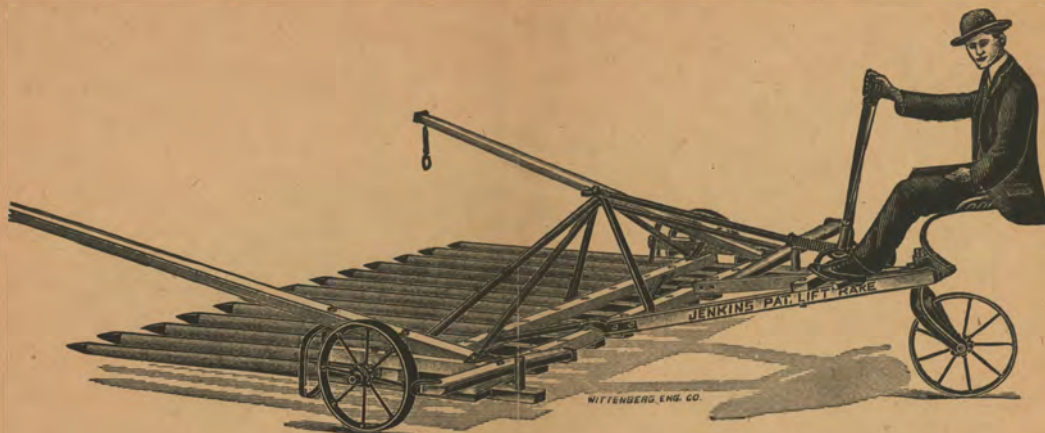
Now Built with Pipe Axle—Weight 615 Pounds

TO meet the demand for a medium priced 4-Wheel Horse-Lift Rake, we offer our No. 7½, which is not as heavy nor expensive as our No. 7, but is substantially constructed with double tubular-trussed main frame, and triangular push bars, being special features of the Jenkins line.

With our double-locking lever and pressure spring on center lifting bar the teeth are held

firmly to the ground while gathering the load, and yet is sufficiently flexible to allow the teeth to play to the surface and pass over obstructions. The lever is always locked in position except when released by the operator. This rake is well made, easy to operate, and one of the best light 4-wheel rakes on the market.

Jenkins Improved Lift Sweep Rake



Rake No. 1

OUR New Improved Lift Sweep Rake is especially designed to handle heavy hay. Perfectly portable, and can be quickly folded to pass from field to field through gates, over bridges, etc. Our Patent Pipe Truss Axle, reinforced by a forwardly inclined pipe-truss, form a double trussed frame which rigidly supports the load and resists the strain of the draft. The load is easily lifted and carried by our powerful lever, by which the pressure of the teeth on the ground is lessened, increased or allowed to run freely at driver's option.

The wheels are large and placed at a point well forward, so that, when the rake is heavily loaded, the entire weight is fairly balanced on the axle, thus largely reducing the draft over other rakes of this class, all of which depend upon the counter-balancing of the load by leverage and weight of the driver extending far behind the rake—that is, they carry a load of hay in front of the axle and what is equal in dead weight behind. Weight 625 pounds.

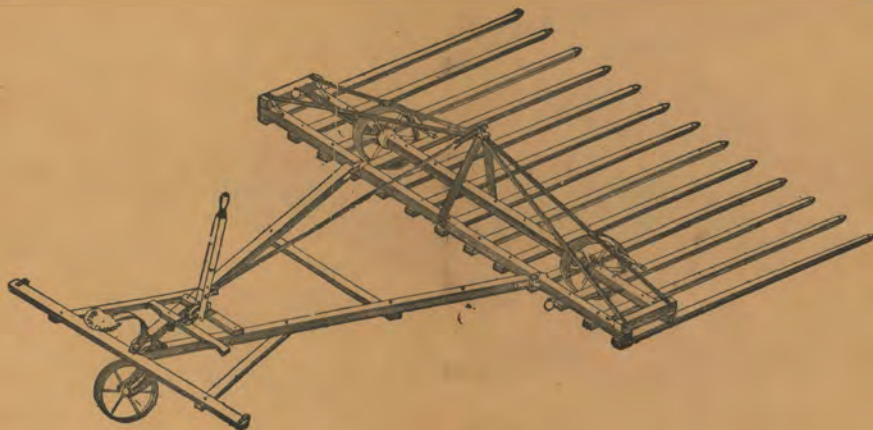


Jenkins No. 1 Rake Folded to Pass Through Gates, over Bridges, Etc.

The Ditch Jumper attachment is furnished with this rake at slight additional cost.

Jenkins Rear Hitch Rake No. 2½—Plain Lift

Weight 593 Pounds



THE JENKINS Rear Hitch Rake No. 2½ is built with a Double Trussed Adjustable Main Frame, strong and well balanced. Our Triangular Push Frame, conceded to be the strongest type, used in connection with this Double Tubular Trussed Frame produces a rake without a superior as to strength. 19-inch wheels with 3-inch tires make this a very light running rake. It is especially suited for handling heavy hay or use on rough ground. Our improved lever enables the driver to handle easily the heaviest loads. A heavy coil spring working against the rake head keeps the teeth points close to the ground no matter how rough the field, without attention from the driver.



This Cut Shows How Closely Our Push Rakes Can Be Used to Ditches, Hedges and Fences

The Jenkins Truss Rake

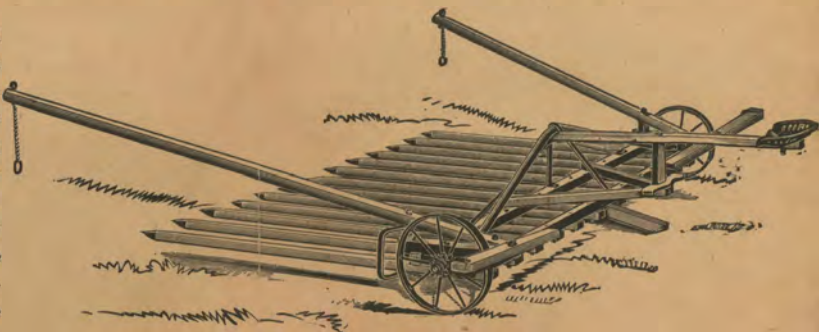


Rake No. 3

OUR No. 3 Rake is one of the simplest, strongest and most durable of any 2-wheel rake made. It has a large pipe-truss frame, which keeps the teeth and wheels in perfect alignment, forms a brace against weight of the load and draft of the team. Weight 448 pounds.

The Jenkins Truss Rake With Sliding Seat

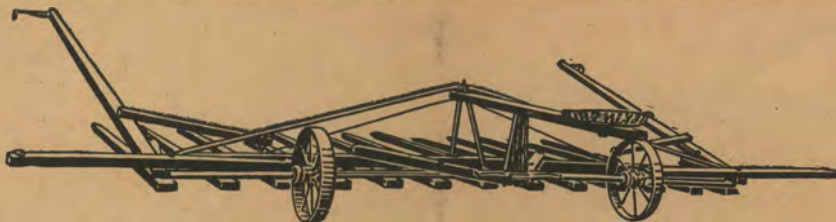
TO meet the demand for a Sliding Seat Truss Rake, we have placed this rake on the market. It differs from Truss Rake No. 3 only in the seat attachment. The Sliding Seat is very popular with a large number of our customers, as the seat can be shifted on the seat bar so that the weight of the driver partially counter-balances the weight of the load, and lightens draft on team. Also when



Rake No. 4

the rake is empty, the teeth can be raised to pass over any obstruction. Weight, 447 pounds.

The Jenkins Pipe Axle Rake No. 4½



Pipe Axle Rake No. 4½—Weight 430 Pounds

THE JENKINS Pipe Axle Rake No. 4½ has by reason of its many points of merit rapidly taken the lead among 2-wheel rakes.

The use of a pipe axle gives the maximum of strength with the minimum of weight. We use 19-inch wheels with 3-inch face, securing a very light running rake.

In this, as in the balance of the line, we use the JENKINS feature, the very strongest con-

struction possible. This means a perfectly rigid rake head; the teeth can be kept level as on no other rake.

In some localities a rigid tongue is a necessity, in others a floating tongue is preferred. In this rake we can meet both requirements; the change of one bolt in each tongue is all that is necessary to change from one type to another.

The Jenkins No. 5 Climax Rake

THIS rake is simple, strong and durable, being substantially the same as the No. 4

Rake, with the exception of the wheels, which are small and placed within the head of the rake. It is supplied with a Pipe Truss Frame, which is very strong and rigid and will not allow the teeth to sag or get out of alignment. This is an excellent, though inexpensive rake, and its equal cannot be had for the same money. Weight, 440 pounds.



Rake No. 5

The Jenkins No. 6 Rake

THIS rake is the same as our No. 5 Climax Rake, with the exception of the main frame, which is made of wood, well braced throughout and very strong and durable. This is our cheapest rake, and we guarantee it to be the equal of any cheap rake ever put in the field. Weight 425 pounds.



Rake No. 6

The Jenkins No. 6½ Loose Tongue Rake

THIS rake is the No. 6, fitted with loose tongues, which are free to work up and down and are considered by some to have a

slight advantage over the rigid tongues. It weighs 425 pounds, and costs a trifle more than the No. 6.



No Load is too Heavy for a Jenkins Rake

