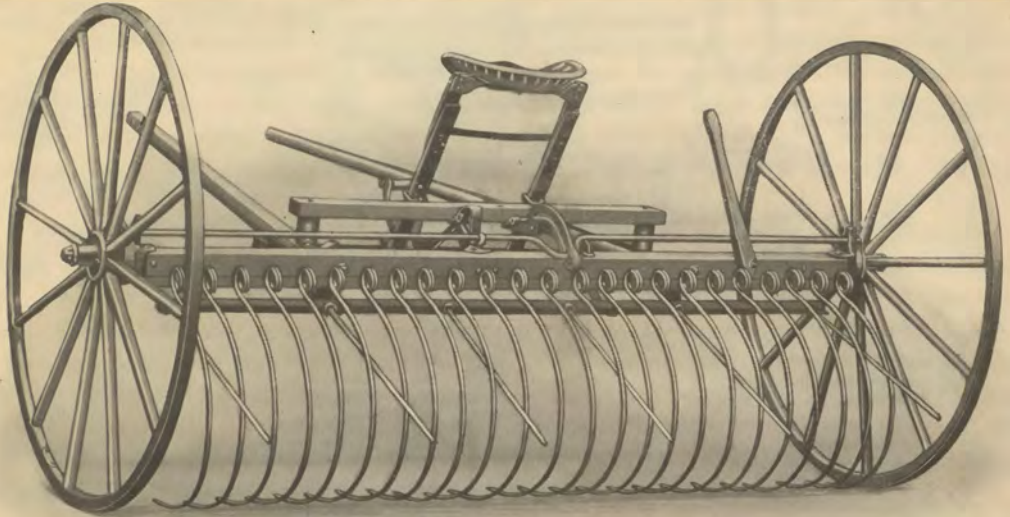


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Directions for Setting Up and Operating and
List of Parts

MOLINE WOOD RAKE



This List includes the Parts in the Rake with which it is packed.
DO NOT FAIL TO KEEP IT to assist you in ordering
extra parts for your machine. Fasten it NOW
in clean dry place in tool house.

MANUFACTURED BY

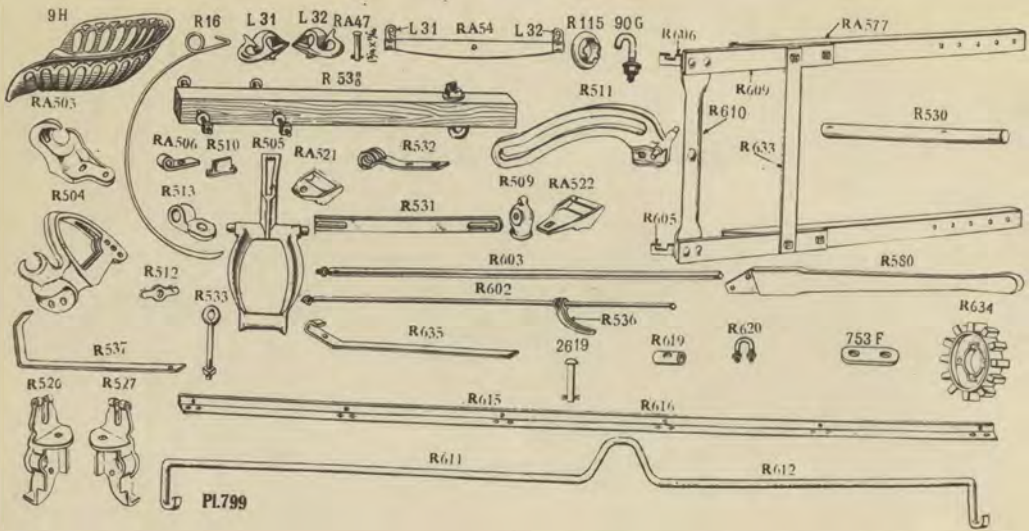
MOLINE PLOW CO.
MOLINE, ILLINOIS

Factory: Adrians-Platt Branch, Poughkeepsie, New York



SOLD BY HOME OFFICE AND ALL BRANCHES

Extra Parts Moline Wood Hay Rake



No.		No.	
9H	Seat for driver	R 562	Axle, 8 ft.
L 31	Whiffletree hook, left	R 563	Axle, 9 ft.
L 32	Whiffletree hook, right	RA 577	Seat Standard
RA 47	Pin for foot lever link in R504	R 580	Hand lever
R 53	Pole End piece	R 585	Cross bar spool
RA 54	Whiffletree	R 591	Stub pole (combination pole)
90G	Neckyoke hook for combination pole	R 592	Stub thill, right (combination pole)
R 115	Axle washer	R 593	Stub thill, left (combination pole)
RA 503	Hinge for cleaner bar	R 595	Wood wheel
R 504	Dump rod socket center	R 599	Cross bar for thill, lower
R 505	Foot lever	R 601	Cross bar for thills, upper
RA 506	Foot lever box	R 602	Cleaner rod, short
R 507	Axle holder, right, 8 foot	R 603	Cleaner rod, long
R 508	Axle holder, left, 8 foot	R 605	Hold up hook, right
R 509	Axle end cap	R 606	Hold up hook, left
R 510	Bump rod center rest	R 609	Seat spring support, upright
R 511	Dump Cam	R 610	Seat supporting bar
R 512	Tooth holder tie	R 611	Dump rod, 8 ft.
R 513	Dump Cam Box	R 612	Dump rod, 9 ft.
R 515	Combination pole rest lower	R 615	Cleaner head angle, 8 ft.
R 516	Combination pole rest, upper	R 616	Cleaner head angle, 9 ft.
R 519	Truss casting, 9 ft.	R 619	Cleaner head pipe
R 520	Truss rod, right or left, 9 ft	R 620	Cleaner rod clamp staple
RA 521	Seat standard loop, short	R 621	Tooth holder, 24 teeth, 8 ft.
RA 522	Seat standard loop, long	R 622	Tooth holder, 26 teeth, 8 ft.
R 526	Axle holder, right, 9 ft.	R 624	Tooth holder, 26 teeth, 9 ft.
R 527	Axle holder, left, 9 ft.	R 625	Tooth holder, 22 teeth, 9 ft.
R 530	Axle spindle	R 630	Thill, right hand
R 531	Foot lever link	R 631	Thill, left hand
R 532	Hinge for thill frame	R 632	Singletree block
R 533	Hinge eye bolt	R 633	Cross brace for seat standard
R 536	Cleaner spur	R 634	Ratchet for wheel, right or left
R 537	Dump cam for foot lever	R 635	Cleaner lifter lever
R 538	Thill brace	R 636	Cleaner lifter
R 542	Hold back hook	753F	Pole plate
RA 549	Hammer strap for singletree	2619	Pin for hinge
R 550	Evener strap, (combination pole)		

Directions for Setting Up

Moline Wood Hay Rake

All cotters and bolts are in place, when practical, in the parts where required.

In these directions "right" and "left" are used as you sit in the seat of the rake.

Place ratchets R634 on wheels with clip head bolts, these ratchets are interchangeable and will fit either side. Place wheels on axle spindles, first scraping paint from bearings and **oiling same**. Replace washers R115 which with cotters are packed on axle.

Hang the thill frame to its position on axle by hinges and eye bolts together with hinge pins.

Dump rod being in position, remove the cotter from the axle holder R508 on the left and lift the dump rod out of the holder, slide the dump cam R511 (**with number thereon to the left**) on to the dump rod and to its position on the crank and connect to the two bearings on the underside of the top cross bar, replace the dump rod and the cotter above it. Bolt the foot lever R537 with its turn, to the left, to the dump cam R511.

Bolt the dump rod center rest R504 to the axle with hook on casting caught under dump rod and just to the left of crank. Place the foot lever R505 in its bearings at the top side of the lower cross bar, at the left; and at the same time fasten the seat standard loop R522 (the only one with long foot) to the under side of lower cross bar on the same bolt which holds bearing for foot lever with loop pointing to the rear. Pin slotted end of foot lever link R531 to the foot lever and to the middle hole in dump rod center rest R504. Place the remaining three (3) seat standard loops R521, 2 of same to the top side of upper cross bar pointing frontward and the other to the under side of the lower cross bar pointing rearward. Put seat standard in position and attach the seat thereto.

Fasten the hinges R503 for cleaner bar to the underside of thills at extreme rear by same bolts holding the hinges. Take the two longest cleaner bars and insert same into the two square holes on the cleaner head angle bar; first through the staples R620 (when cleaner head angle bar is in its position the outside of the angle must be to the front and bottom). Place the two (2) pieces of pipe R619 into hinges R503, and at the same time insert the two cleaner bars, which already are in position, into the pipes and fasten. Insert the remaining cleaner bars into position with the two with malleable spurs at both extreme ends with the spurs pointing downwards, tighten all nuts securely.

Loosen bolts on tooth holder on axle so that the holder hangs loose enough to admit teeth. Place hooked ends of rake teeth in the groove of the tooth holders and tighten bolts.

To use rake equipped with combination pole for 2 horses, same being furnished as an attachment, remove the two thills from their position, replace same by the two stub thills. Place the stub pole into position in the middle of frame with the butt end to the underside of the top cross bar with pole rest R516 between same, the other end to the top side of the lower cross bar with the pole rest R515 between same. Bolt the thills to the stub pole. Between front end of thills bolt the pole tip 53½.

Directions for the Use of Moline Wood Rake

When rake is set up take **particular care to oil wheels**, also **ratchet** and hooked end of **dump rod**.

For ordinary raking the pin through the rearward end of the foot lever link should be in the middle hole of the dump rod center rest. In heavy work it may be best to put the pin in the front hole to make the teeth hug the ground closely. This adjustment of the foot lever link gives an opportunity for regulation according to height at which thills are carried, for large or small horses.

Pressure of the foot on the foot lever will hold the teeth down and will hold them up when they are up.

In raking heavy hay always put the foot on the foot lever as soon as the teeth strikes the ground, and hold firmly until you dump the rake.

To dump the rake, press the heel on the lever under seat until the hooks on the dump rod have caught in the ratchets. **Care must be taken not to hold the heel on the dump lever after the dump rod hook has caught in the ratchet.**

In **bunching** hay, after the teeth have risen sufficiently, put your foot on the foot lever and hold it firmly until the rake teeth will clear the bunch when dropped.

The teeth can be held up by hooking 2 of same into clips fastened to the seat supporting bars.

Directions for the Use of Moline Wood Rake