

New Holland Tedder/ Rake Tedder

157 163 169 / 255



NEW HOLLAND



Three ways to faster drying— the Models 157, 163 and 169

When you're ready to make hay, you may face a race against bad weather. A New Holland tedder helps improve your odds. Tedding "fluffs" your crop by distributing it evenly to speed drying.



The mounted Model 157 tedder fluffs a 8'6" swath and maneuvers easily around smaller fields. The left-hand rotor tine bar flips up for narrow 8' transport.

Air flows through it, not just over it, so you can bale sooner—before it rains. And if showers hit unexpectedly, you can easily spread damp, matted-down crop for quick drying.



The Model 163 tedder features four rotors to cover an expanded 16'5" width, yet folds to a width of 9'6" to maneuver easily through gates or narrow roadways.



Digidrive couplings on New Holland tedders are virtually maintenance free. Workloads are spread evenly over 12 intermeshing forged and heat-treated fingers. The couplings offer high resistance to wear and eliminate open universal joints.

The Model 169 tedder is our largest model and uses six rotors to cover a wide 22'8" area. The two outer rotors on each side swing back for a narrow transport width of 9'8".



Model 255—the tedder that also rakes

For more flexibility, take a look at the two-in-one capabilities of the Model 255 rake tedder.

The “255” teds, turns windrows, rakes a swath into a windrow, or rakes two windrows together. Best of all, you don’t need tools to switch from one operation to another.

As a tedder, the Model 255 spreads swaths or windrows so crops dry down faster. You can tailor your tedding operations to a variety of crops and conditions by varying PTO speed, or by varying the tine position. The fixed-tine position provides aggressive tedding and is ideal for use in fresh-cut material and crops where leaf and shatter losses are not a concern. With the tines in the cam-

operated position, the tine bar rollers follow the cam track to lift and release crop gently to save valuable leaves.

Switch to raking without tools

With a few simple adjustments, you’re ready to rake a swath up to 13 feet wide. The telescoping frame design lets you adjust raking width from 10’6” to 13’ 1½”. The precise raking action of the “255” produces fluffy, uniform windrows that dry evenly. And, the “255” gives you extra maneuverability—the self-centering wheels allow you to make sharp turns and back up easily without lifting the machine.



Strong, rugged frame provides years of dependable performance. A convenient jack simplifies three-point hitch attachment.

Rotor tilt can be adjusted easily with this convenient crank for maximum crop handling.

Torque limiting clutch on the heavy-duty PTO provides overload protection. PTO speed is variable, so you can match ground speed and PTO speed to crop and field conditions.



Gearboxes have bevel gears operating in grease for long life and durability.

Sealed tine bar bearings provide smooth, trouble-free operation and low maintenance.

Rotors feature six tine arms with two wide double-tines on each arm for complete crop handling.

Vertical tines pick up fewer stones and less debris than horizontal tines for cleaner tedding and raking.

Three wheel-height positions let you adjust for different crops, conditions and operations.

Cam track adjustment allows you to quickly tailor tedding/raking action to varying crops and conditions — without tools.

Self-centering, heavy-duty wheels permit sharp turns during operation.

SPECIFICATIONS	MODEL 255
Number of rotors	2
Arms per rotor	6
Tines per arm	2 double tines
Tedding width	10'6" (3.20 m)
Raking width	10'6" (3.20 m) to 13'1½" (4.00 m)
Transport width	10' (3.05 m)
Weight	897 lbs. (407 kg)
Tires	15 X 6 X 6, 4-ply
Tractor requirement	30 hp (22.3 kw) and 540 rpm PTO



Rake swaths up to 13 feet wide into windrows ready for baling or chopping.

Gently turn windrows that have been rained on to expose the wet underside to the sun and wind for fast drying

Tedder features



Heavy-duty rotors driven by durable gearboxes provide reliability at fast tedding speeds. They handle heavy, rain-dampened crops without problems.

Fully-articulated frame (Models 163/169) hugs ground contours so tines handle all the crop without mixing soil into the hay.

Slip clutch helps protect against damage from obstructions in the field. Handy crank (Models 163/169) lets you fine-tune the tine height in seconds without tools.

Flotation tires mean better ground gauging and faster ground speeds in rough conditions.



Safety barriers in front of the rotor assemblies provide protection to bystanders.

Spindle/axle adjusting system (Models 163/169) lets you easily position the wheels for field or transport, right- or left-side tedding, or adjust the tilt of the rotors.

Convenient PTO cradle holds PTO shaft when unit is parked to keep the PTO connection up and out of the dirt.

TEDDER SPECIFICATIONS	157	163 Manual fold	163 Hydraulic fold	169
Number of rotors	2	4	4	6
Tines per rotor	6	6	6	6
Overall width in operating position	10'2" (3.10 m)	17'8" (5.38 m)	17'8" (5.38 m)	24'2" (7.37 m)
Tedding width	8'6" (2.60 m)	16'5" (5.0 m)	16'5" (5.0 m)	22'8" (6.91 m)
Transport width	8' (2.40 m)	9'2" (2.79 m)	9'2" (2.79 m)	7'3" (2.20 m)
Weight	441 lbs. (200 kg)	986 lbs. (447 kg)	950 lbs. (431 kg)	1367 lbs (620 kg)
Tires	15 x 6 x 6	15 x 6 x 6	15 x 6 x 6	15 x 6 x 6
PTO Tractor requirement	15 hp (11 kW)	20 hp (15 kW)	20 hp (15 kW)	30 hp (22 kW)
PTO slip clutch	Standard	Standard	Standard	Standard
Tractor attachment	3-point	Towed	Towed	Towed
Safety Tow Chains	N/A	Standard	Standard	Standard

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

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NH7200503 · 080525 · IS · PRINTED IN U.S.A.