



2019 ***TEDDERS***



Haying in high-moisture climates with above-normal rainfall? Or, just trying to close the gap between cutting and baling to shorten drying times and reduce nutritional losses in your downed hay and forage? Check out Vermeer TE-series tedders featuring a unique hook tine design.

Why use hook tine tedders? TE-series hook tine tedders can offer three important benefits: high-performance tedding action, high-volume output and optimized durability.

Because of the unique configuration and special angle of the hook tine, Vermeer TE-series tedders can pick up and spread larger amounts of crop than conventional tedders with straight tines, and they create a “bottoms-up” tedding action that rotates the hay for better dry-down consistency. And it’s all handled by a tine that’s considerably flexible and specially positioned to handle high speeds and output with minimal tine damage.

THE HOOK TINE ADVANTAGE

Clean crop pickup. Excellent ground contouring. Vermeer hook tines are better able to adapt and follow the ground because they operate in a trailed position, picking up and turning the crop, short or long, while helping avoid crop contamination from excessive digging. This unique design allows producers to effectively hit the low spots between rotors.



- 1 Hook tines are built to last and are the only ones in the field today with a 3-year limited warranty. The specially coiled hook tine design is flexible, and because it rotates at a trailed angle, tine breakage is minimized.
- 2 The hook gives you better grip of the crop. It allows you to decrease rpm and helps minimize leaf loss while still dispersing the crop evenly for more consistent dry down. Even wet and lumpy hay is gently separated. The shorter leg of the double tine picks up drier crop material off the surface as the longer leg picks up the lower and wetter material. This allows you to flip wet material on top instead of blending it together. It’s a great way to maintain excellent forage quality.

3 Vermeer
YEAR
HOOK TINE WARRANTY

The hook tine is just one of several major advantages of a TE tedder. Along with the way Vermeer TE-series tedders handle the ground — wide-angle universal joints at frame pivot points allow flex along the entire driveline. Hydraulic lift, fold and unfold make it offer simplicity in operation—and help reduce transport widths to less than 10 ft (3 m) wide. Constant velocity u-joints also make tight turns possible.

TE-series tedders come in three different size options. The TE330 tedder teds up to 33.5 ft (10.2 m) and is designed for producers who want to cover a lot of acres with high efficiency. That can mean fewer passes through the field and more acres covered in less time. In contrast, the four-rotor TE170 tedder is ideal for smaller operations, with its low center of gravity providing excellent stability, particularly on slopes. The six-rotor TE250 tedder is fast and compact, making it ideal for mid-size operations.

Each TE-series tedder is convenient to transport from field to field. Unique carted framework and the front-folding rotors along the drawbar provide fast folding/unfolding.

MODEL	TEDDING WIDTH	HORSEPOWER REQ.
TE170	17 ft (5.2 m)	34 hp (25.4 kW)
TE250	25 ft (7.6 m)	47 hp (35 kW)
TE330	33.5 ft (10.2 m)	60 hp (44.7 kW)

TE170/TE250/TE330 TE-SERIES TEDDERS



1 Large-diameter rotors allow you to operate with lower rotation speeds. This not only helps prevent crop loss, but it also allows longer grasses and heavier lumps to separate and fan out more evenly. Rotor wheels float independently to maintain consistent tedding angles/heights. Available on TE170, TE250 and TE330 tedder models.



- 2** TE-series tedders provide curved wheel supports and anti-wrap plates to help prevent downed crop material from wrapping around wheels. This minimizes buildup and damage to wheels and bearings caused by tightly-wrapped crops.
- 3** Great stability and flex. Rugged frame construction provides the stability. Radial pin clutch provides drive component protection. Rotors hydraulically lift when folding for transport.
- 4** Go from transport to operating position quickly. Tedders fold and unfold with hydraulic remotes. Note how the entire rotor frame is placed in a horizontal position and supported during transport.

Designed for speed, convenience and reliability — and priced for the budget-conscious operator — meet the TD100 and TD190 TD-series tedders. The TD100 tedder delivers a compact 10 ft (3 m) tedding width with two rotors for smooth, gentle handling at maximum ground speeds, even when handling heavy, matted-down windrows. Ted at widths up to 19 ft (5.8 m) with the TD190 tedder, which comes equipped with four rotors and hydraulic folding for quick, convenient transport. Both models offer simplicity in operation and ease of maintenance. This includes an adjustable crank for changing the pitch angle precisely in a matter of seconds. It's the affordable, no-frills tedder you've been waiting for.

The word is spreading about advantages of tedding for producers, and the process is becoming more popular on operations across the globe. Faster drying time often results in higher-quality forage. Plus, the sooner you get your crop off the field, the less yield you lose off the next cutting — it's a win-win.



TD100/TD190 TD-SERIES TEDDERS



1 Six double tines on each basket help to gently pick up a small quantity of forage, flip it and lay it back on the ground without damage or ash. The tender turn of the hay helps quicken dry-down time by exposing the crop to sun and air. Decreasing dry-down time allows you to get the hay off the field sooner.

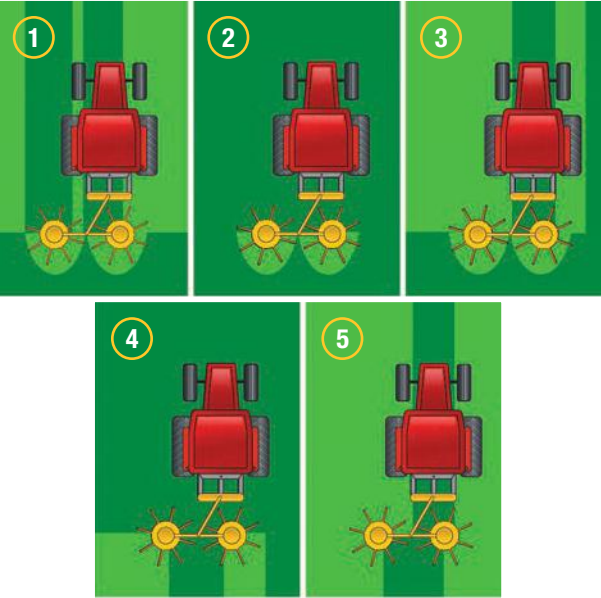


- 2 The toolless pitch adjustment crank allows you to set proper pitch adjustment, which is crucial to get an accurate flip of the hay. Accurate pitch adjustment minimizes ash content and wear on the machine.
- 3 Travel over your fields with the 16 in x 6 in (40.6 cm x 15.2 cm) tires — larger than previous TD-series tedders. Large tires can offer increased durability by offering a smoother ride, which can reduce machine wear.
- 4 If you are going to take the time to make another pass in the field and ted, you want to make sure to avoid missing any crop. The outer mounted rotors on the TD190 tedder follows uneven ground to turn hay, even in low spots.
- 5 The TD190 tedder transport locks can be released from the seat and the outside rotors can hydraulically fold to a 10.9 ft (3.3 m) transport width, making it convenient to quickly move from field to field.

Ideal for smaller operations, the TR90 tedder/rake combo has a convenient adjustment clip that lets you reposition the hook tines and switch from spreading and tedding (outer position) to windrowing (inner position) in minutes. Spreading and tedding angles/height are adjusted by selecting any one of five settings on the rotor wheels and infinitely adjusting the top link.

Choose your combination:

- 1 Spreading swaths
- 2 Tedding
- 3 Spreading windrows
- 4 Windrowing
- 5 Shifting swaths or windrows across



TR90 TEDDER/RAKE COMBO



- 6 With new automatic field transport locks, you can engage and disengage the transport lock without leaving the tractor. The field transport locks will automatically lock when folding in and can be disengaged by pulling a rope from the tractor seat.

TEDDER SPECIFICATIONS

DIMENSIONS AND WEIGHTS	TE170	TE250	TE330	TD100	TD190	TR90
Tedding width	17 ft (5.2 m)	25 ft (7.6 m)	33.5 ft (10.2 m)	10.6 ft (3.2 m)	19.5 ft (5.9 m)	9.8 ft (3 m)
Transport height	8.5 ft (2.6 m)	9 ft (2.7 m)	9.5 ft (2.9 m)	4.6 ft (1.3 m)	9.6 ft (2.9 m)	8.5 ft (2.6 m)
Transport width	9 ft (2.7 m)	9.8 ft (3 m)	9.8 ft (3 m)	11.6 ft (3.5 m)	10.9 ft (3.3 m)	8.3 ft (2.5 m)
Transport length	NA	15.2 ft (4.6 m)	18.9 ft (5.8 m)	10.4 ft (3.2 m)	10.4 ft (3.2 m)	8.5 ft (2.6 m)
Total weight	1410 lb (639.6 kg)	3200 lb (1451.5 kg)	5260 lb (2385.9 kg)	670 lb (303.9 kg)	1225 lb (555.7 kg)	730 lb (331.1 kg)
Tire size	16 x 6.5-8	16 x 6.5-8	16 x 6.5-8	16 x 6.5-8	16 x 6.5-8	16 x 6.5-8
Transport tire size	NA	10 x 75-15.3	10 x 75-15.3	NA	NA	NA
Transportation type	Transported on rotor wheels	Carted on transport wheels	Carted on transport wheels	Transported on rotor wheels	Transported on rotor wheels	Transported on rotor wheels
Basket height adjustment	5 positions on the basket wheel	5 positions on the basket wheel	5 positions on the basket wheel	NA	NA	5 positions on the basket wheel
Rotor angle range	10-17°	10-17°	10-17°	NA	NA	7-17°
Rotor angle adjustment style	Standard hydraulic tilt cylinder	Adjustable by changing wheel frame/main frame mount	Adjustable by changing wheel frame/main frame mount	Adjustable screw	Adjustable screw	Infinitely adjustable via top link on tractor
Number of rotors	4	6	8	2	4	2
Tine arms per rotor	6	6	7	6	6	8
Type of tine	Hook tine	Hook tine	Hook tine	Straight tine	Straight tine	Hook tine
Torque protection driveline	Radial pin clutch	Radial pin clutch	Radial pin clutch	Radial pin clutch	Radial pin clutch	NA
Operating speed maximum	9.3 mph (15 km/h)	9.3 mph (15 km/h)	9.3 mph (15 km/h)	9 mph (14.4 km/h)	9 mph (14.4 km/h)	9.3 mph (15 km/h)
TRACTOR REQUIREMENTS						
Horsepower requirements	34 hp (25.4 kW)	47 hp (35 kW)	60 hp (44.7 kW)	15 hp (11.2 kW)	25 hp (18.6 kW)	25 hp (18.6 kW)
Hydraulic requirements	2 double-acting	1 double-acting	2 double-acting	NA	1 single-acting	NA
Hydraulic pressure	2100 psi (144.8 bar)	2200 psi (151.7 bar)	2100 psi (144.8 bar)	NA	1500 psi (103.4 bar)	NA
Hookup	Drawbar	Drawbar	Drawbar	Drawbar	Drawbar	Category II 3-point hitch
Drive	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm

STANDARD DETAILS

- ▶ SMV sign
- ▶ Highway lights (TE250 tedder and TE330 tedder only)

OPTIONAL FEATURES

- ▶ Safety chain

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POST-SEASON MAINTENANCE

We know that you count on your equipment to perform day in and day out. Let us help you maintain that high performance with our post-season maintenance programs. Check with your local Vermeer dealer for exclusive offers each fall including maintenance checks and performance adjustments so you will be ready to go at the start of the next hay season. Programs are offered on select models and vary annually.



FINANCING

Through Vermeer Credit Corporation you and your dealer can determine a payment structure that fits your budget, schedule and needs. For more information on financing options or retail incentives, visit Vermeer.com or contact your local dealer.



SERVICE

Expect top service from our independent authorized dealers backed by factory product support service teams. Our mission is to provide you with a level of experience and expertise that goes far beyond product knowledge, sales training and financing programs.



PARTS

When it's time to make hay, it's time to make hay. That's why we operate on the premise that parts and service support doesn't help tomorrow when you're in the field today. And we support it with one of the most sophisticated and responsive parts centers in the industry.



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