



Tedders

VOLTO

CLAAS

Spreading for shorter drying times.



A tedder for ideal harvesting.

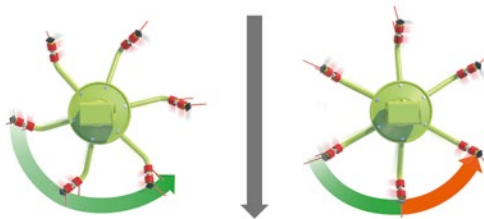
Managing weather events during hay harvest is predictable with the VOLTO tedder. Since downtime and ash inclusion is not an option, VOLTO tedders are specifically built to be stronger and ted the crop cleanly. So go ahead, make hay drying a success. The VOLTO tedder won't disappoint.

As a leading equipment manufacturer of forage harvesting machinery, CLAAS provides the ideal harvesting chain for any farm or business size. Our coordinated machines support you in your day-to-day operations and enable you to achieve optimal results in forage harvesting.



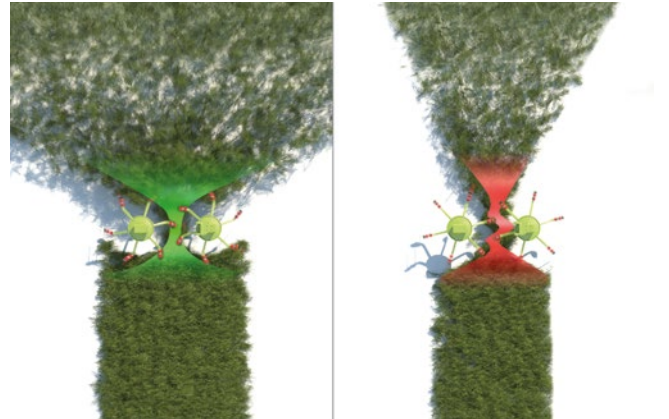
Straight crop flow.

All VOLTO tedders have the CLAAS exclusive MAX SPREAD design. This is characterized by tines that are in the crop longer and a resulting homogeneous spreading pattern. The straight crop flow handles the forage gently while moving the material between the rotors before throwing it across the full working width.



Gentler transfer.

Since the tines are always positioned at right angles to the crop during pick-up, they can deflect to the rear in the direction of the tine winding. This offers the advantage over conventional systems in that the crop flow between the rotors is almost perfectly linear. This creates more space for crop transfer and ensures enhanced throughput and gentle handling of the forage. The MAX SPREAD concept therefore also allows the tedding of leafy crops at reduced engine speeds.



More uniform distribution.

Through the 29.3° trailed connection of the tines, the MAX SPREAD crop flow has been efficiently optimized. Besides higher working speeds and gentle forage handling, this also has a positive impact on crop delivery. In the same way as the trailed spreading blades of a fertilizer spreader, this configuration ensures a wider and more even distribution of the harvested crop, for an optimal spread pattern.



Changing conditions.

Crop conditions change throughout the year and your equipment should be equipped to run in heavy first cutting in the spring all the way to light crop in the fall. VOLTO tedders can be fine-tuned throughout the hay season or when changing crop types. Hay quality and dry down can be related to the settings used, so take advantage of adjustments available on the VOLTO tedder, e.g. the tine position or the rotor pitch that can be adjusted without the use of tools.

High forage quality.



Goals for forage quality.

Our goal is to help you make top-quality forage with minimal drying time. The CLAAS spring tines transform windrows into evenly spread layers that dry quickly. Unlike competitors, CLAAS tines mix and spread the crop rather than pull the crop apart. MAX SPREAD tine arms and the tine design allow the PTO to be operated at low speeds which reduces ash incorporation in all crops and retains more nutrition-rich leaves in legume crops.



Evenly spread forces.

To produce high-quality forage, the harvested crop must be dried out evenly. The tines on VOLTO machines are equipped with fingers of equal length. These pick up the crop in layers and ensure that it is mixed thoroughly. A further advantage is that the tines are loaded evenly, which greatly extends their service life. Additionally, the headache of keeping directional specific tines on the farm and correctly replacing broken tines is eliminated since the equal finger length means the tines can be used in either rotor direction of rotation.



Optional headland device and night swathing gearbox.

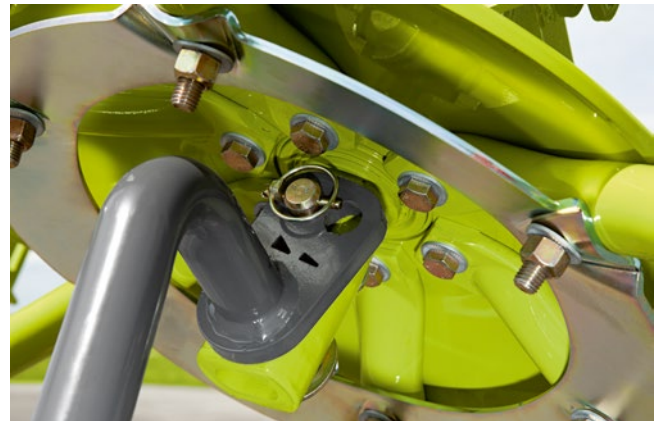
The headland spreading system enables you to achieve consistent drying of the crop even at the field edges. By pivoting the edge-tedding crop guard into the work area, you can guide the trajectory of the forage, ensuring the crop remains where it belongs.

When working with hay, forming overnight or temporary swaths may be a good option for much faster drying. This operation is carried out with the optional night swathing gearbox, reducing the rotor speed by one-third. The harvested crop is formed into several small swaths.



PERMALINK finger clutch.

Power transfer on the VOLTO machines is via the patented PERMALINK finger clutch. The unit is entirely maintenance-free and ensures a reliable transfer of power in all operational conditions. What's more, the innovative design enables folding movements of up to 180 degrees, allowing retraction to a compact transport position.



Bolted spreader arms.

The highest strain forces during tedding are exerted on the spreader arms. They are made from rounded tubing for high torsion resistance, bolted to the rotor plate, and further stabilized with a support ring with recesses. Depending on the model, the VOLTO has a rotor diameter of 59 or 67 inches (1.5 or 1.7 m), with six or seven tine arms, respectively.



Securely attached tines.

All VOLTO tedders are fitted with strong, robust tines. Dual tines with five windings each are fitted on the round tine arm and secured with a bolt. In the event of a breakage, the tine-loss protection system reliably prevents any risk of tines flying off and causing damage to the following equipment or ending up in the feed. These guards prevent tines from coming away in the event of a breakage, and their trapezoid shape prevents the forage from becoming wrapped around the spreader arm.



Molded rotor guards.

Rotor guards protect the machine and the operator from expensive damage. All VOLTO tedders have rotor guards attached via molded brackets. The brackets stand up to years of abuse in the field by absorbing shocks rather than sending those shocks to weak joints like on competitive tedders. Small details like this make all the difference when investing in your next tedder.

VOLTO 1300 T.



This technology sets the standards.

Hay drying in the field changes by the hour and that's why it is important to move quickly when hay reaches the correct moisture content. With ten rotors with seven tine arms each and a working width of up to 42'8" (13 m) the large VOLTO 1300 tedder offers unmatched capacity. Livestock producers rely on the best possible hay quality and commercial operators rely on machine investments built for tough work. You find both and more with CLAAS tedders.

Impressive operation.

- Simplest possible operation via just one double-acting hydraulic connection.
- Robust carrier frame and infinitely variable working height.
- Extra-wide balloon tires on rotor chassis for reliable ground-contour following.
- Being hermetically sealed and continuously lubricated, the rotor drives are maintenance-free and housed in an extremely robust cast-iron casing.



CLAAS exclusive features.

- Thanks to the unique SYNCHROLINK coupling, the two halves of the tedder are secured separately, but if they hit an obstacle the drive trains stop simultaneously.
- Optimal protection of the drive train and minimum wear for a long service life.
- Sophisticated hitching system makes this tedder as quiet as it is, even at the highest working speeds



The art of folding.

Just one dual-acting spool valve is all it takes to fold from the expansive 42.4 ft (13 m) working width to a compact 9.8 ft (3 m) transport width. With an on-road length of about 19.7 ft (6 m), the VOLTO 1300 T is in a class of its own.

It's undemanding when being trailed and offers exceptional maneuverability, whether moving around the yard or turning in the field – a pleasure to operate in any situation.

VOLTO 1100 T

Quickly in operation.



Performance of the highest order.

For maximum tedding output over large areas in record time, we have the perfect solution: the VOLTO 1100 T. This king-sized CLAAS tedder is designed for 35.1 ft (10.7 m) working widths with just one pass.

- Unrivaled tedding performance.
- Extra-wide balloon tires for reliable ground-contour following.
- Compact design for outstanding maneuverability.

Mobility.

- As neat and compact as a three-point machine.
- Very low transport width of just 9.8 ft (3 m).
- Road travel is carried out quickly and safely.
- Wide, robust transport chassis with large transport tires for secure on-road transport and to cover long distances in short time frames.



MAX SPREAD tine arms.

- Open position of the tine arm for releasing the material behind the tedder and more even spreading.
- Better tine durability.
- Gentle handling of the forage, no picking into pieces of the forage while moving the material between the rotors = reduction of loss, more yield, less power consumption.

The VOLTO 1100 T shows its class.

- 35.1 ft (10.7 m) working width with ten rotors and six tine holders per rotor.
- Robust carrier frame.
- Double wide-angle drive shaft with overload protection, with integrated overrunning clutch.
- Robust rotor transmission for a long service life.
- Working height adjustment via castor guide wheel fitted as standard.
- The patented folding technology: a dual-acting spool valve for folding the outriggers in and out, and a single-acting valve for lifting and lowering the running gear, as well as for lifting on headlands.
- A mechanical crop guard is available as an option.

VOLTO 900 T

King-sized trailed tedders.



Wheel-mounted giant.

Professional operations need to run at full capacity during the harvest and make use of every available tractor. Every inch of working width counts toward reaching top productivity. The trailed VOLTO tedders fit the bill perfectly with their enormous spreading widths, reliability, and efficiency.

The triangular frame (in combination with the connecting tubing rotated 45°) gives the machines their stability. Entirely characteristic of their durability, VOLTO machines come equipped with a continuously lubricated and maintenance-free rotor transmission and PERMALINK finger clutch. Protected by a drive shaft with overload protection, VOLTO TEDDERS in the MAX SPREAD series are built for the highest possible standards.



Tailored to your every need.

The VOLTO 900 T is equipped with eight rotors and a 28.5 ft (8.7 m) working width to perform tedding work of the highest quality in all conditions, thanks to its small rotor diameter.



Check out the details.

- Folds in and out via just one dual-acting hydraulic connection.
- Extra-wide balloon tires on the rotor wheels for reliable ground-contour following.
- The VOLTO is moved into the working position via an ingenious sequential switching unit. The rotors are first opened outward and then the chassis is raised into position.
- Large, hydraulically folding separate transport chassis with big wheels for speed and maneuverability.
- Licensed for travel up to 25 mph (40 km/h).
- Warning signs and lighting as standard.
- The sturdy folding bar rest provides a stable parking position.

Options.

- Optional manual or hydraulic crop guard.
- Double castor guide wheel.

VOLTO 800

Consistent maneuverability.



The perfect choice for the industry.

The VOLTO 800 has been designed especially for use with 9.8 ft (3 m) wide mowers and for heavy silage work. You can ted three big swaths cleanly and without running over the crop.

The ingenious folding mechanism on the VOLTO 800 combines a large working width of 25.3 ft (7.7 m) with a low transport height. It's designed to fit close up and securely behind the tractor.

Structural strength for the long haul.

The hallmark of the VOLTO 800 tedder is undoubtedly its long service life and rugged design.

- Robust 3-point U-frame mounting for maximum drive shaft maneuverability.
- The wide triangular frame gives the extra rigidity needed for accurate tracking behind the tractor.
- CLAAS CKL power drawbar with adjustable brake for smooth operation.



Comfort features galore.

- Hydraulic headland lifting as standard.
- Sturdy, easily foldable rest bar for secure parking.
- The rear support swings out automatically when the tedder is folded up, providing added stability.
- Perimeter spreading in a perfectly straight line right along the edge of the field, without inclining the entire machine, using either the mechanically or hydraulically folding crop guard.

It takes on every job.

- Six-rotor tedder with seven tine holders per rotor.
- Drive shaft with overload protection.
- Maintenance-free, hermetically sealed rotor transmission.
- PERMALINK drive system.
- Extra-wide balloon tires on rotor chassis for reliable ground-contour following and high-accuracy tedding.
- Warning signs and lighting as standard.
- Optional castor guide wheel
- Night work gearbox available as an option.

VOLTO 800 TH

Drawbar mounted simplicity.



The ideal drawbar tedder.

The VOLTO 800 TH makes quick work in tight weather windows, with 6-basket capacity, drawbar attachment, and hydraulic folding from the tractor.

The larger tires and heavy-duty spindles on the VOLTO 800 TH to handle the weight of the tedder while in transport mode.

Better alfalfa handling.

CLAAS knows that alfalfa needs to be handled gently. The adjustment piece exclusive to CLAAS tedders allows the operator to advance or decrease the tine angle by 7 degrees (or remain in neutral position) to spread the crop evenly at different rotor speeds. The tine angle adjustment, exclusive to CLAAS tedders, allows the operator to advance or decrease the tine angle by 7 degrees (or remain) in neutral position) to spread the crop evenly at different rotor speeds.



Check out the details.

- 6-basket tedder with 25'2" working width
- Hydraulically folds into transport mode
- Hydraulic tilt
- Drawbar attachment
- Heavy-duty spindles to handle tedder weight during transport
- Angled tine arms for better shock-load absorption

Key features.

- Round tine arm tube design for more durability
- Power transfer via PERMALINK with reduced wear
- Adjustable throw angle (from 13 to 16 degrees)
- Adjustable tine height and tine angle

VOLTO 55 TH

Durable productivity.



Durable productivity.

The VOLTO 55 TH is an ideal no-frills, four-rotor machine for operations needing a high-performing tedder on smaller acreages. With a 17' 1" (5.2 m) working width, this model offers quality and durability equal to that of larger machines in a compact package. MAX SPREAD rotors with equal length tines driven via the PERMALINK finger clutches spread crops wide for quick drying.

Hydraulic folding.

One single-acting spool valve performs multiple machine functions. The left and right rotors are lifted into transport position via this spool valve and held in place with mechanical latches for security while moving between fields. A rope disengages the locks before the cylinders gently lower the rotors into working position.



Headland lift.

Headland lift is integrated into the folding hydraulic circuit, allowing the rotors and tines to tilt out of the crop while turning on headlands. The mechanical transport latches also serve as position limiters for the outside rotors when lifting at the headland. This means the crop is not disturbed again, potentially retaining more nutritional value.



Height adjustment.

Tine height in the oncoming crop depends on a consistent stubble height. Since not all crops are mowed the same way, the ability to adjust tine height is standard via a turnbuckle with handle. This makes the VOLTO 55 TH all-crop capable, unlike many competitive machines.

Specifications.

VOLTO		1300 T	1100 T	900 T	800	800 TH	55 TH
Dimensions and weights							
Working width	ft (m)	42' 8" (13)	35' 1" (10.7)	28' 7" (8.7)	25' 3" (7.7)	25' 3" (7.7)	17' 1" (5.4)
Hitch type		2 pt trailed	2 pt trailed	2 pt trailed	Cat II 3 pt	Drawbar	Drawbar
Mounting	category	II	II	II	II	II	II
Minimum HP requirement	HP	75	55	60	60	60	25
Drive line							
PTO shaft speed	rpm	1000	540	540	540	540	540
PERMALINK coupler		●	●	●	●	●	●
Maintenance-free rotor gearboxes		●	●	●	●	●	–
Rotors							
Rotors	qty	10	10	8	6	6	4
Rotor diameter	in (m)	67 (1.7)	59 (1.5)	59 (1.5)	67 (1.7)	67 (1.7)	59 (1.5)
Tine arms per rotor	qty	7	6	6	7	7	6
MAX SPREAD crop flow		●	●	●	●	●	●
Tine overrun	degrees	-7/0/+7	-7/0/+7	-7/0/+7	-7/0/+7	-7/0/+7	-7/0/+7
Convenience							
Gauge wheel(s)		●	●	●	○	–	–
Headland lift		●	●	○	●	●	●
Edge-tedding crop guard		○	○	○	○	○	○
Spare wheel		○	○	○	○	○	○
Hydraulic connections							
Standard hydraulic requirements		1 x da	1 x da + 1 x sa	1 x da	1 x da	1 x da + 1 x sa	1 x sa
Additional hydraulics for optional crop guard		1 x sa	1 x sa	1 x sa	1 x sa	1 x sa	1 x sa
Standard tires							
16 x 6.5 - 8.6 PR	qty	6	8	8	6	4	4
18.6 x 8.5 - 8.6 PR	qty	4	2	2	–	2	–
215 / 65 - 15.6 PR	qty	–	–	2	–	–	–
10.00 / 75 - 15.3 10 PR	qty	2	2	–	–	–	–
Gauge wheel tires							
16 x 6.5 - 8.6 PR	qty	–	●	●	○	–	–
18.6 x 8.5 - 8.6 PR	qty	●	–	–	–	–	–
Transport height							
Height when parked	ft (m)	12' 1" (3.7)	13' 1" (4.0)	12' (3.7)	11' 3" (3.4)	11' 7" (3.6)	8' 11" (2.8)
Transport width	ft (m)	9' 9" (3.0)	9' 9" (3.0)	9' 9" (3.0)	9' 9" (3.0)	9' 9" (3.0)	10' 4" (3.2)
Travel length	ft (m)	19.9 (6.06)	13.8 (4.22)	13.8 (4.22)	–	–	–
Weight							
Weight	lbs (kg)	5,335 (2,420)	3,924 (1,800)	3,1715 (1440)	2,050 (930)	2,734 (1,240)	1,323 (600)

● Standard ○ Optional – Not available

Whatever it takes. CLAAS Service + Parts.



Your needs matter.

You can always rely on CLAAS Service & Parts. We'll be there whenever you need us, around the clock if necessary, to provide the perfect solution for your machine and your business. Whatever it takes.

Reliability can be planned.

With our service products, you can increase your machine reliability and minimize your risk of breakdowns with confidence. CLAAS MAXI CARE offers planned reliability for your machine.

Worldwide coverage from Columbus, Regina and Hamm.

The CLAAS of America Parts Logistics Centers in Columbus, Indiana, and Regina, Saskatchewan, provide world-class parts support throughout North America for all CLAAS products. Supported by the CLAAS worldwide spare parts depot in Hamm, Germany, we provide the CLAAS dealer network with reliable, consistent parts availability and industry-leading responsiveness. Your local CLAAS dealer can supply the right parts solution for your business to maximize machine uptime.



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CL99881059 / 11/2022