

GRASSLAND HARVESTING

Product range of tedders

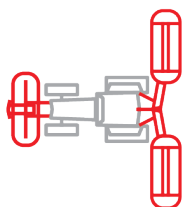


SPECIALIST IN MOWING AND GRASSLAND HARVESTING

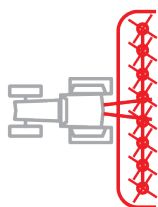
SIP is a Slovenian manufacturer of agricultural machinery with a long tradition. We are experts in the technologies of mowers, tedders, rakes and pick-up rakes. Our vision is to become a leading specialist in mowing and grassland harvesting systems.

Our main program includes:

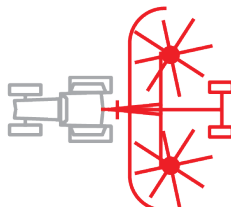
- mowers



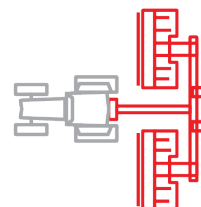
- tedders



- rakes



- pick-up rakes



SIP's agricultural machines are recognised for their ease of use, uniquely robust design and innovative solutions. The state-of-the-art grassland harvesting program offers professional technologies for **three agricultural segments**:

- **mountain farms** and farms in transitional and flat areas, where safe, light, and agile machinery is needed;
- **medium-sized farms and contractors** who need durable and efficient machines to operate in large areas with an excellent price-quality ratio;
- **large agricultural companies** where high performance, reliability and maximum productivity are key to ensuring the highest income.

Our sales network is spread globally in more than 45 countries, with France, Austria, Switzerland, Germany, and Italy leading the way.

Our mission is to become leading specialists in mowing and grassland harvesting systems.



MORE THAN **65 YEARS** OF KNOWLEDGE AND EXPERIENCE

By choosing SIP, you have opted for a robust, simple and proven machine that can handle any work regardless of the complexity of the terrain: from large plains to varied mountain areas with larger slopes.

PROFESSIONAL APPROACH

- professionally qualified multidisciplinary staff,
- cooperation with agricultural experts,
- cooperation with the most demanding users,
- cooperation with our partners,
- gathering insight and data analysis.

TESTED IN THE MOST DEMANDING CONDITIONS

- testing polygon,
- performance testing,
- endurance testing.

CONNECTED WITH END USERS

To develop reliable and durable machines, we are in constant contact with our end users, who test our machines in a wide variety of conditions. We use the valuable experience gained in this manner to develop useful, advanced and simple technologies

QUALITY COMES FIRST

We use quality components and materials from renowned world manufacturers as we want the most loaded parts of the machines to work flawlessly.

The result is a wide range of excellent machines, durable and adapted to all types of terrain.

We are responsive and quick to provide spare parts and support.





3-year warranty

Years of testing, 100% quality control and selected suppliers guarantee reliable and robust machines.



LP - Loose Protection

The protective plug at the ends of the holders prevents the loss of spring tines in case of damage.



Better spread

The smaller rotor diameter allows even spreading and turning of the forage and faster drying.



Lightweight

The lightweight construction enables linkage to tractors with lower power and reduces energy consumption.



Spring tines

The different lengths of spring tines made of robust SUPER C steel provide excellent ground following and prevent forage contamination.



TAA - Tyre Angle Adjustment

Wheels with height and spreading angle adjustment with the possibility of shifting for spreading along the border.



ROTARY TEDDERS

SPIDER ALP

The **lightweight** and **durable** tedders are designed to enable **safe work on steep terrain** and harvesting of **clean and quality forage**. Their main characteristics are perfect stability, agility, and easy maintenance.

SPIDER ALP TECHNOLOGIES

ROTOR ALP

The sophisticated rotor design with smaller diameters prevents damage to the turf and **ensures clean forage**. Simple folding of the rotors eases the transport, while the spring tines, made of high-quality steel, guarantee a long service life.

1
Different lengths of spring tines, with the inner tine being shorter than the outer, prevent ground scratching and forage contamination.

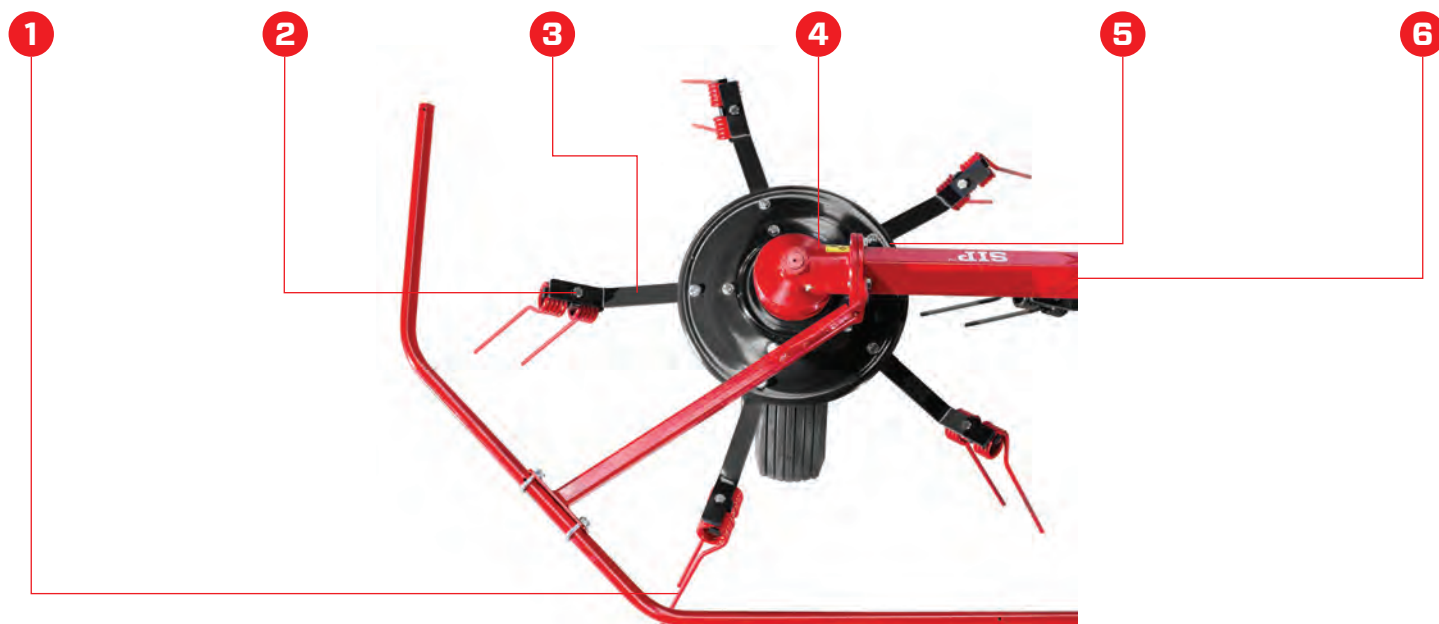
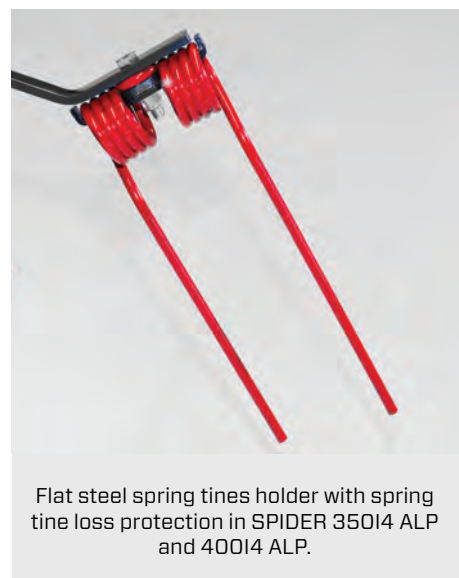
2
Robust mounting of spring tines with loss protection.

3
The **spring tine holders** are made of flat HARDOX steel. For the SPIDER 600I6 ALP model, the holders are made of round tubes.

4
The main rotor plate is made of 3 mm thick steel.

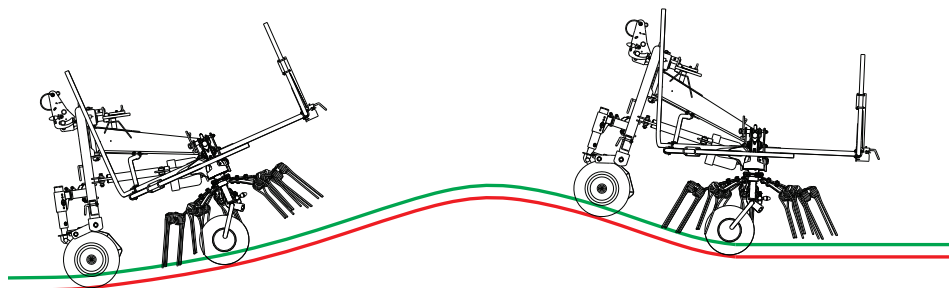
5
Robust gearbox made of ductile iron.

6
Rectangular profile.



ADAPTATION TO THE TERRAIN

With the jockey wheel, the tedder follows the ground step by step. This ensures that **the working height is always set correctly**, the turf is protected, and the spring tines have a longer service life. The additional jockey wheel is especially recommended **for working on slopes**.



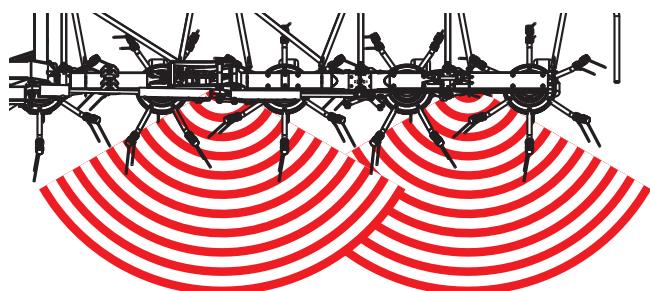
SAFE WORK ON SLOPES

The lightweight construction of the tedder is suitable for lower-power tractors. With the centre of gravity being very close to the tractor, the tedder **enables safe work** and optimal forage spreading or turning on steep terrain and slopes.



EVEN FORAGE FLOW

The innovative geometry of the rotors with spring tines of different lengths ensures **optimal forage flow** and **even spreading**. Productivity is improved, while forage stays clean.



ROTARY TEDDERS

SPIDER 350|4 ALP, 400|4 ALP /ALP^{1.)}, 600|6 ALP

The rotary tedders with **four** or **six rotors** are light, robust and very agile. The innovative design of the rotor enables **even spreading** and **turning of forage** even in more demanding mountain areas.

Hydraulic folding of rotors

Pivoting linkage

Double universal joint

Shifting of wheels

Inward rotor folding



Pivoting linkage (SPIDER 400|4 ALP, 600|6 ALP) improves manoeuvrability and tractor following.



The spring tine holders are made of flat HARDOX steel for optimal spreading and turning of forage. The different lengths of the spring tines prevent damage to the turf and provide clean forage.

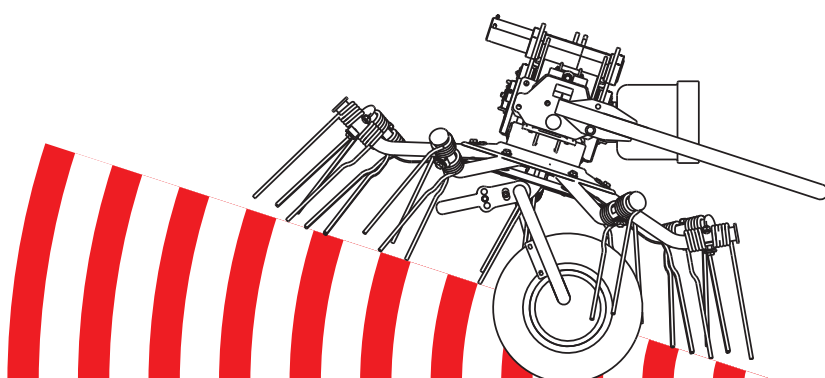


Rigid linkage (SPIDER 350|4 ALP, 400|4 ALP^{1.)}).





The system of inward-turning external rotors enables narrower transport width and safe tedder transport.



The spreading angle can be adjusted in the range from 12° to 18° according to the amount of forage.



Adjustable wheels for spreading along the borders and adjustable rotor height (SPIDER 400 | 4 ALP, 600 | 6 ALP).



Hydraulic folding of rotors enables simplified tedder operation from the tractor.

The **SPIDER ALP** rotary tedders are designed to work with tractors with less power on steep terrains and slopes.

The tedders are robust, and their lightweight construction ensures exceptional manoeuvrability. They are intended for small and medium-sized farms and for forage spreading or turning in the mountain areas.

TECHNICAL DATA AND EQUIPMENT

ROTARY TEDDERS SPIDER ALP

TECHNICAL DATA	350 4 ALP	400 4 ALP ¹⁾	400 4 ALP	600 6 ALP
Working width (m)	3.40	4.00	4.00	6.00
Number of rotors	4	4	4	6
Number of spring tines per rotor	5	6	6	5
Rotor diameter (m)	1.30	1.50	1.50	1.30
Rotor rotation speed (rpm)	205	205	205	205
PTO rotation speed (rpm)	450 - 540	450 - 540	450 - 540	450 - 540
Weight (kg)	270	330	390	570
Required tractor power (kW/HP)	11 / 15	13 / 18	13 / 18	33 / 45
Capacity (ha/h)	3.50	4.00	4.00	6.20
Spreading angle adjustment	14° - 18°	14° - 18°	14° - 18°	14° - 18°
Safety clutch (Nm)	460	600	600	900
Machine width (m)	3.90	4.53	4.53	6.26
Transport width (m)	2.20	2.40	2.40	2.85
Transport height (m)	2.00	2.50	2.50	3.10
Transport length (m)	1.45	1.60	1.60	2.22
Wheels - rotors	15 x 6.00 - 6	15 x 6.00 - 6	15 x 6.00 - 6	15 x 6.00 - 6

SERIAL EQUIPMENT

Hitch	3-point rigid linkage Cat. I and II	3-point rigid linkage Cat. I and II	3-point pivoting linkage Cat. I and II	3-point pivoting linkage Cat. I and II
PTO shaft	Safety clutch			
Hinges	2x universal joint	2x universal joint	2x double universal joint	2x double universal joint, 2x universal joint
Hydraulic connection	/	/	1x single-acting (1SA)	1x single-acting (1SA)
Spring tine holders	Flat steel	Flat steel	Flat steel	Round tubes
Spring tines	Double, different lengths, SUPER-C wire			
Shock absorber	/	/	With a spring	With a spring
Wheel steering	Mechanical	Mechanical	Mechanical	Mechanical

OPTIONAL EQUIPMENT



Hydraulic folding (SPIDER 350|4 ALP, 400|4 ALP¹⁾)



Jockey wheel (not available for SPIDER 350|4 ALP)



Road safety and lightning equipment

SPIDER 400 | 4 ALP¹⁾ is a model with a rigid hitch. For more information, please contact the seller.





3-year warranty

Years of testing, 100% quality control and selected suppliers guarantee reliable and robust machines.



LP - Loose Protection

The protective plug at the ends of the holders prevents the loss of spring tines in case of damage.



HS - Hydraulic Steering

All tedder models from the robust line are equipped as a standard with central hydraulic wheel steering for side shift when working along borders.



Better spread

The smaller rotor diameter allows even spreading and turning of the forage and faster drying.



Trailed machine

The machine with a chassis allows the use of a tractor with lower power and lower energy consumption.



Spring tines

The different lengths of spring tines made of robust SUPER C steel provide excellent ground following and prevent forage contamination.



HD robust hinges

Robustly designed hinges with 2 double forks for higher loads.



Finger clutch

The finger clutch drive is maintenance-free and ensures reliable power transmission in all operating conditions.



ROTARY TEDDERS

SPIDER

Sophisticated technology, easy operation, and complete stability at work guarantee **optimal spreading or turning**. Forage is **distributed evenly over the field** without contamination with soil and sand, which **accelerates drying and ensures quality**.

SPIDER TECHNOLOGIES

ROTOR

The innovative design of the rotors **prevents damage to the turf** and **ensures clean forage**. Spreading is fast and even, which allows for quick drying and preservation of nutrients in the forage.

1 The **safety pins** hold the spring tines in the event of breakage.

2 **Robustly mounted** spring tines around the holder.

3 **Spring tine holders** made of round tubes.

4 **Main rotor plate made** of 4 mm steel.

5 **Lower reinforcement ring.**

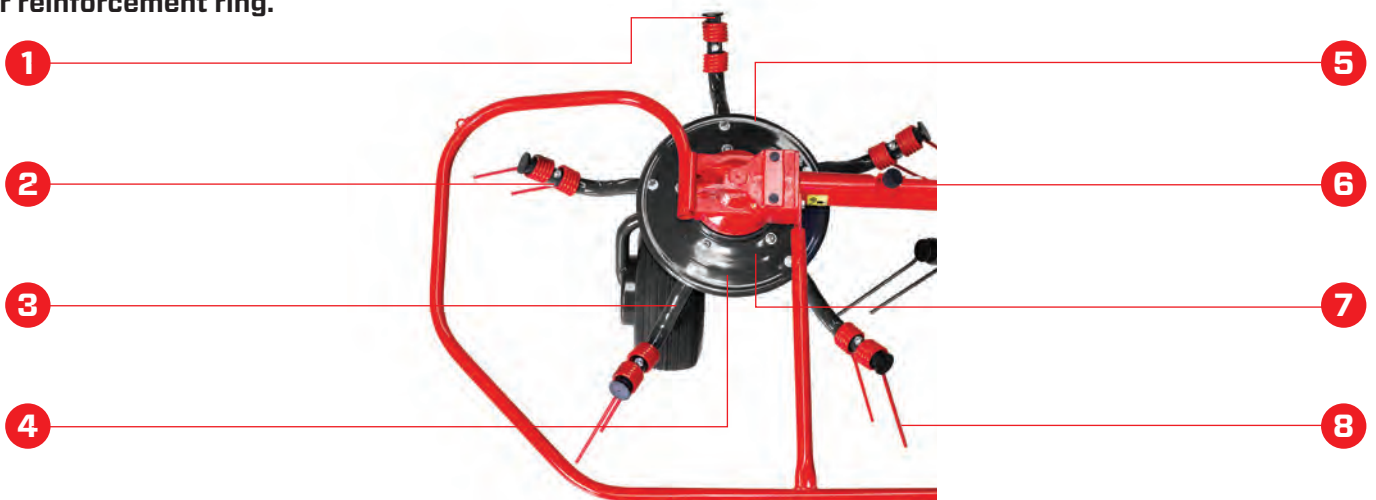
6 A **round profile** in the ROBUST line and a **welded rectangular profile** in the HD line.

7 **Robust casts for gearboxes and gears** in semi-liquid grease with a lubricator for quiet and smooth running.

8 **The different lengths of spring tines**, with the inner tine shorter than the outer, prevent forage contamination.



ROTOR ROBUST

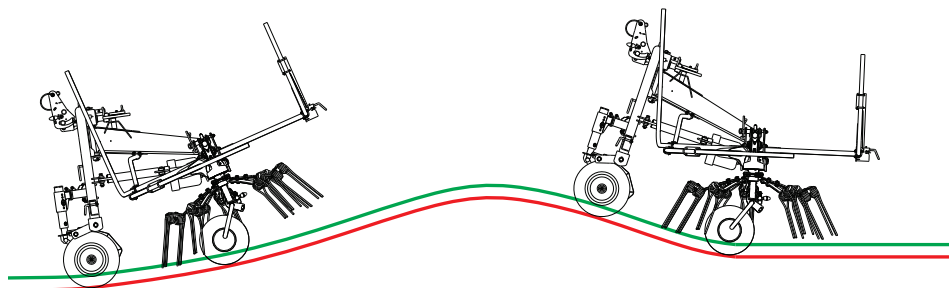


ROTOR HD



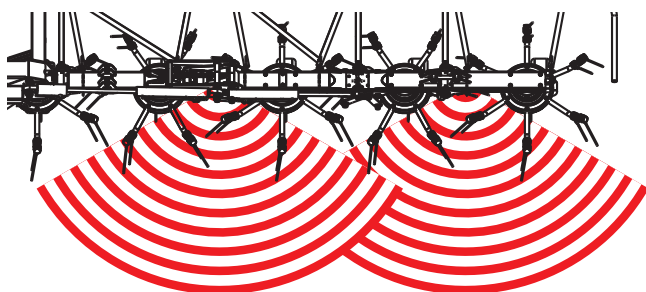
ADAPTATION TO TERRAIN

With the jockey wheel, the tedder follows the ground one step ahead. This ensures that **the working height is always set correctly**, the turf is protected, and the spring tines have a longer service life. The additional jockey wheel is especially recommended for working on slopes.



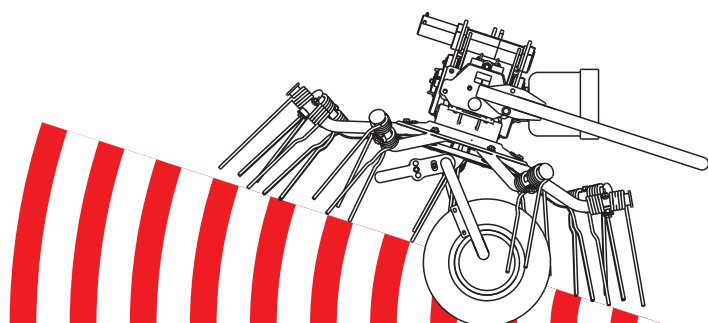
EVEN FORAGE FLOW

The innovative geometry of the rotors with spring tines of different lengths ensures **optimal forage flow** and **even spreading**. Productivity is improved, while forage stays clean.



SPREADING ANGLE ADJUSTMENT

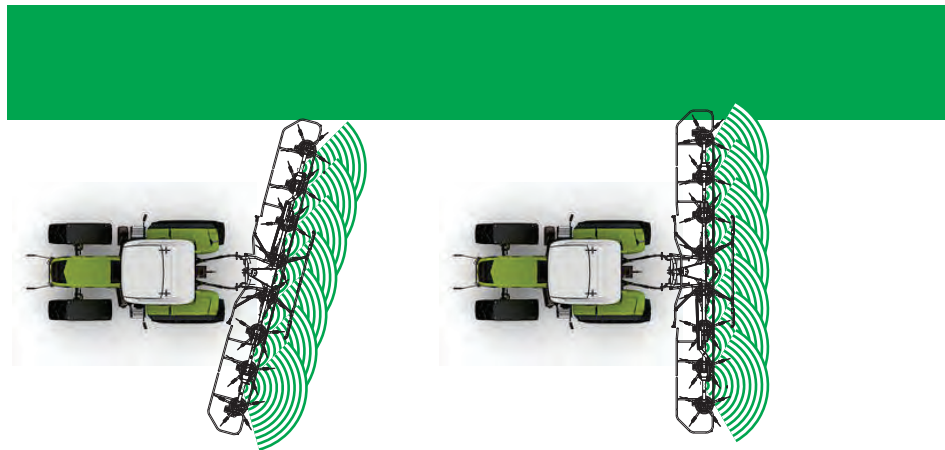
By setting the spreading angle from 12° to 18° , the spreading pattern **can be adjusted to the quantity and moisture of forage**. As for the height of the cut, the spring tines can be additionally set by adjusting the height of the hitch.



SPIDER TECHNOLOGIES

HS - HYDRAULIC STEERING

All tedder models from the ROBUST line are equipped **as a standard** with the system for hydraulic rotor wheel steering (HS-Hydraulic Steering). When spreading or turning along the edges of the field, the tedder can be shifted left or right. This changes **the direction of spreading away from the edge** and **prevents forage loss**. With this system, a small quantity of forage can also be raked into a swath.



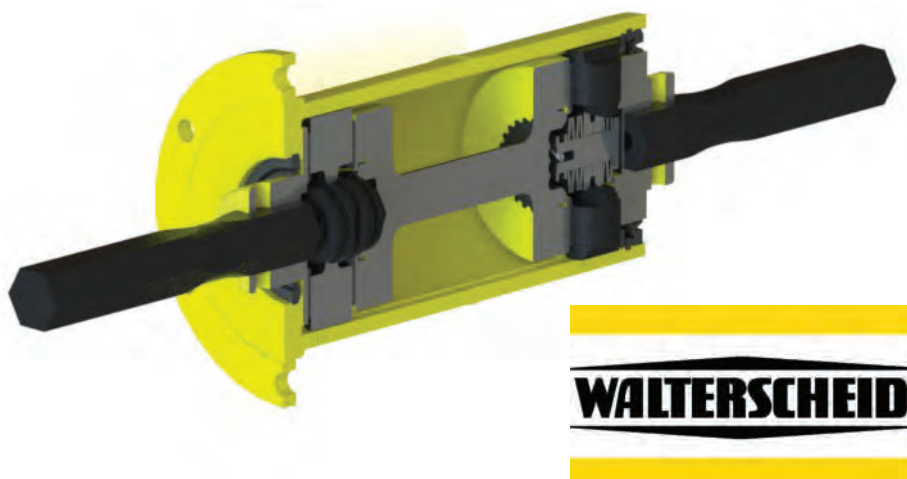
Hydraulic steering enables easy work when spreading or turning along the edges, thus preventing forage loss across the border.



The hydraulic cylinder allows steering of the wheels to the left or to the right via a one-way hydraulic connection. The back-pressure is in the hydraulic accumulator on the cylinder.

INNOVATIVE SAFETY CLUTCH

The double safety clutch, specially developed for tedders from the HD line with a working width of 13 and 15 m, protects the rotor system by dividing the transmission of the driving torque to each side of the machine separately. In case of machine overload, it **prevents damage to the drive**.



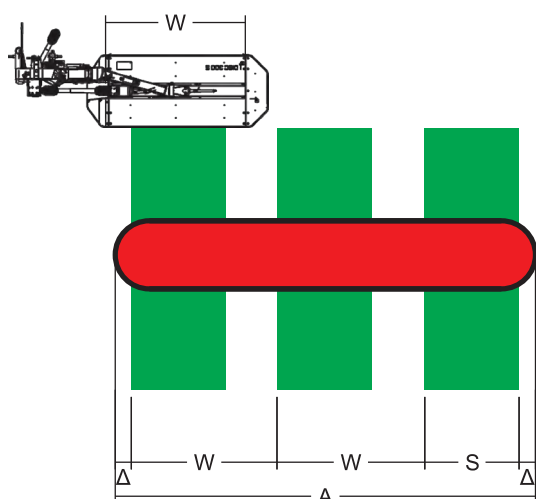
The innovative double clutch on the drive protects the machine from overloads and thus prevents damage to the machine drive.



The safety clutch, in addition to the main rotor drive, ensures 100% safety of the turning system.

FIND THE TEDDER TO FIT YOUR MOWER

The equation below determines which tedder matches the working width of your mower to cover 3 or 5 windrows. It is recommended **to cover an odd number of windrows** so the tractor wheels do not drive on the forage. This is important for ensuring **forage quality, reducing harvesting losses**, and above all, for **safety on sloping terrain**.



$$A = 2W + S + \Delta$$

$$B = 4W + S + \Delta$$

W - cutter bar working width

S - windrow width

A, B - working width of the tedder

Δ - additional tedder overlapping

Example:

For a mower with 6 discs with a working width of 2.60m (W) and a row width of 1.50m (S).

$$A = 2W + S + \Delta$$

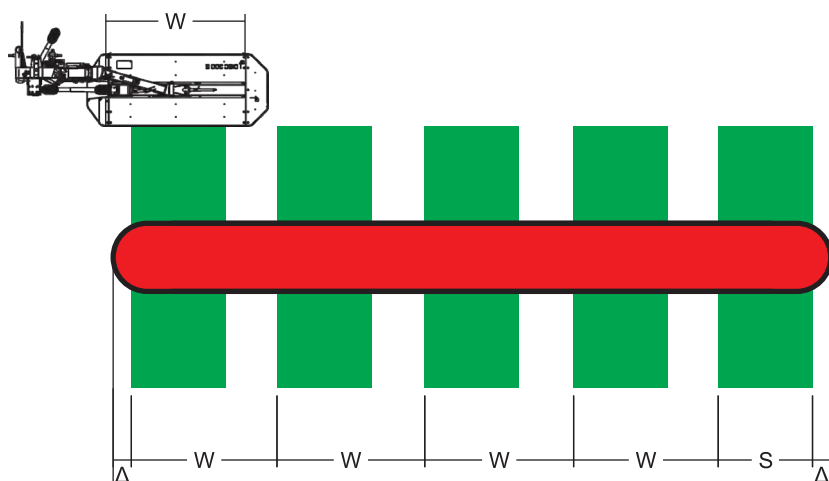
$$A = 2 \times 2.60 + 1.50 + \Delta$$

$$A = 6.70 + \Delta$$

$$B = 4W + S + \Delta$$

$$B = 4 \times 2.60 + 1.50 + \Delta$$

$$B = 11.90 + \Delta$$



The right tedder for the 6-disc mower has a working width of at least 6.70 m. In this case, the ideal tedder would be SPIDER 685 | 6 (A) for overlapping 3 windrows or SPIDER 1100 | 10 (B) for overlapping 5 windrows.

OVERLAPPING OF WINDROWS

TECHNICAL DATA

Number of discs	5	6	7	8	9
3 windrows					
Working width	5.50 m	6.80 m	7.80 m	8.80 m	10.50 m
Tedder model	555 4	685 6	815 8	900 8	1100 10
5 windrows					
Working width	9.00 m	11.00 m	13.00 m	15.00 m	17.00 m
Tedder model	915 8 / 900 8	1100 10	1300 12	1500 14	1700 18*

* Tedder models in development.

ROTARY TEDDERS

SPIDER 455|4, 555|4

The high-performance rotary tedders with **four rotors** ensure optimal and even forage spreading or turning.

Hydraulic wheel steering (HS)

Jockey wheel (optional)

Pivoting linkage

Hydraulic lift into transport position

Spring tine loss protection



The pivoting linkage with stabilisers allows the tedder to follow the tractor easily.



All models from the ROBUST line are equipped as a standard with central hydraulic wheel shift HS for spreading along the edges.



The spring tine holders are made of highly resistant and robust round tubes. The lower ring on the rotor offers additional reinforcement.

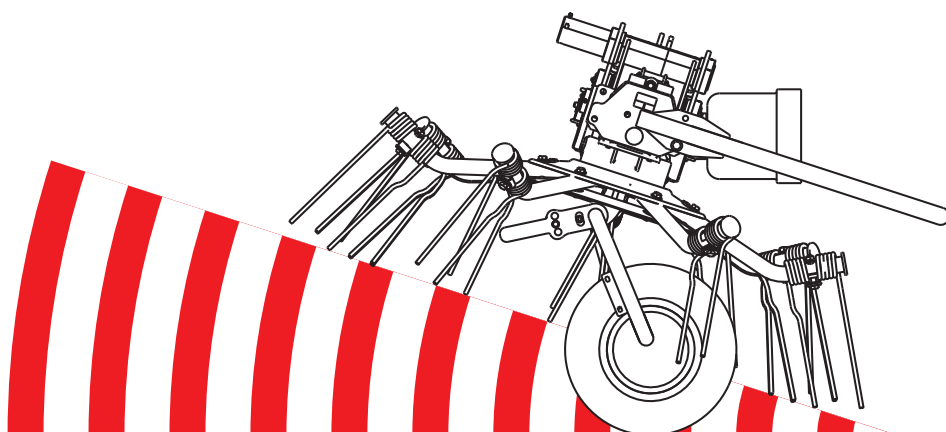




The spring tines of different lengths prevent ground scratching and forage contamination with soil or sand. The protection at the end of the holder prevents the loss of spring tines in case of breakage and the appearance of metal parts in the forage, thus protecting other harvesting machines from damage.



The hook shape of the spring tines (optional) allows the lifting of forage in two layers, which increases the spreading efficiency on tedder models with a larger rotor diameter.



By setting the spreading angle from 12° to 18°, the spreading pattern can be adjusted to the quantity and moisture of forage.



Wheels with quick height and spreading angle adjustment.



Hydraulic lift of rotors for smooth and fast folding.

The four-rotor tedders **SPIDER 455 | 4** and **555 | 4** are versatile machines.

Their robust design and exceptional manoeuvrability enable precise and even spreading on slopes or near the edges as well as easy transport.

ROTARY TEDDERS

SPIDER 615|6, 685|6

The high-performance rotary tedders with **six rotors** ensure optimal and even forage spreading or turning.

Adjustable height and spreading angle

Hydraulic wheel steering (HS)

Pivoting linkage with stabilisers

Drive line with double U-joints

Double rotor reinforcement



Pivoting linkage with stabilisers allows the tedder to follow the tractor easily.



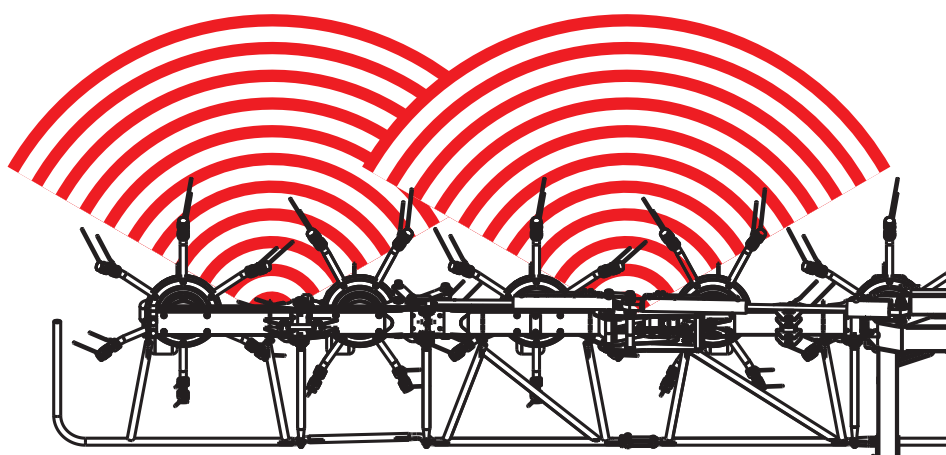
The spring tine holders are made of highly resistant and robust round tubes. The lower ring on the rotor offers additional reinforcement.



All models from the ROBUST line are equipped as a standard with a central hydraulic wheel shift HS for spreading along the edges.



The hooked shape of the tines (optional) allows the lifting of forage in two layers, which increases the spreading efficiency on tedder models with a larger rotor diameter.



The innovative rotor geometry with round tubes and different lengths of spring tines ensures excellent forage flow and even spreading. Productivity is improved, and forage stay clean.



The spring tines of different lengths prevent ground scratching and forage contamination with soil or sand. The protection at the end of the holder prevents the loss of spring tines in case of breakage.



Wheels with height and spreading angle adjustment according to the amount and moisture of the forage.

The six-rotor tedders **SPI-
DER 615 | 6** and **685 | 6** are very useful for spreading and turning forage on larger areas.

With working height and spreading angle adjustment, the forage remains clean and the work is done easily and quickly.

ROTARY TEDDERS

SPIDER 775|6

The rotary tedder with **six rotors** ensures even spreading and great productivity with a larger working width. The turning system is designed so the forage remains clean and the turf undamaged.

Hydraulic wheel steering (HS)

Outer rotor lift - SMART LIFT

Double universal joint

Round tube profile

Finger clutch



Convenient storage of hydraulic connections and trigger cord on the left side of the connection.



The flexible hitch with three-point stabilisation offers flexible tracking to the tractor and balancing when lifting the machine.



The SMART LIFT system automatically locks and additionally raises the external rotors during partial lifting, allowing greater ground clearance.



The rotors with a larger wheel size ensure even weight distribution and reduce pressure on the ground. The dimension of the centre pair of wheels is adapted to the higher load of the machine in the middle and for stable storage of the machine in transport position.



The folding mechanism of the external rotors in combination with the finger clutch allows a 180° angle in compact transport position.



Adjustment of the turning angle from 11° to 19° according to forage quantity and moisture.



Robust gearbox housing with gears immersed in an oil bath for soft and quiet operation.



Spring tines of different lengths with loss protection for clean forage. The 1.6 m diameter of the rotor allows the installation of hook spring tines, for multi-layer tedding of dense and heavy forage.



External rotors lifting at the partial lift with the SMART LIFT system.

SPIDER 77516 with a working width of 7.75 m ensures maximum performance in its class.

The tedder is stable, follows the ground evenly, and gives optimal spreading. Hook spring tines may be installed for faster and more efficient spreading or turning of dense and heavy forage.

ROTARY TEDDERS

SPIDER 815|8 / T

The high-performance rotary tedders with **eight rotors** ensure optimal and even forage spreading or turning. A trailed version is available for working with smaller tractors.

Drive line with combination of double universal joint and finger clutch for outer rotors

Hydraulic wheel steering (HS)

Pivoting linkage with stabilisers

Special folding mechanism for outer rotors

Double rotor reinforcement



Pivoting linkage supported by stabilisers allows the tedder to follow the tractor easily.



The double universal joint and finger clutch in a solid housing ensures reliable and quiet running as well as excellent folding.



All models from the ROBUST line are equipped as a standard with central hydraulic wheel shift HS for spreading along the edges.



The trailed version of the tedder with a wide-angle PTO shaft enables excellent tracking of the tractor and a smaller turning circle.



Robust gearbox housing with gears immersed in an oil bath for soft and quiet operation.



Wheels with height and spreading angle adjustment according to the amount and moisture of the forage.



The spring tines of different lengths prevent ground scratching and forage contamination with soil or sand.



The spring tine holders are made of highly resistant and robust round tubes. The lower ring on the rotor offers additional reinforcement.

The above-standard **SPI-
DER 815 | 8** and **815 | 8 T**
tedders are intended for
great productivity.

Professional rotary ted-
ders provide complete
control when working on
larger surfaces. The so-
phisticated design en-
sures exceptional stabili-
ty and mobility as well as
perfect adaptation to dif-
ferent working conditions.

ROTARY TEDDERS

SPIDER 915|8

The rotary tedder with **eight rotors** ensures even spreading and great productivity with a larger working width. The turning system is designed so the forage remains clean and the turf undamaged.

Hydraulic wheel steering (HS)

Outer rotor lift - SMART LIFT

Double universal joint

Round tube profile

Finger clutch



Convenient storage of hydraulic connections and trigger cord on the left side of the connection.



The flexible hitch with three-point stabilisation offers flexible tracking to the tractor and balancing when lifting the machine.



The hydraulic steering (HS) system allows the turning of the rotors left or right, thus preventing forage loss when turning or spreading at the edges.



The SMART LIFT system automatically locks and additionally raises the external rotors during partial lifting, allowing greater ground clearance.



The rotors with a larger wheel size ensure even weight distribution and reduce pressure on the ground. The dimension of the centre pair of wheels is adapted to the higher load of the machine in the middle and for stable storage of the machine in transport position.



The folding mechanism of the external rotors in combination with the finger clutch allows a 180° angle in compact transport position.



Adjustment of the turning angle from 11° to 19° according to forage quantity and moisture.



Robust gearbox housing with gears immersed in an oil bath for soft and quiet operation.



Spring tines of different lengths with loss protection for clean forage. The 1.6 m diameter of the rotor allows the installation of hook spring tines, for multi-layer tedding of dense and heavy forage.



External rotors lifting at the partial lift with the SMART LIFT system.

SPIDER 91518 with a working width of 9.15 m ensures maximum performance in its class.

The tedder is stable, follows the ground evenly, and gives optimal spreading. Hook spring tines may be installed for faster and more efficient spreading or turning of dense and heavy forage.

ROTARY TEDDERS

SPIDER 900|8 / T, 1100|10 / T

The professional high-performance rotary tedders from the HD line are designed for work on large areas. With **eight** or **ten rotors**, they ensure optimal and even forage spreading or turning. Trailed versions are available for smaller tractors.

Adjustable drawbar linkage

3.6 m long transport frame

Patented hydraulic adjustment of rotor inclination

Linked protection rails

Finger clutch on each hinge



Adjustable drawbar linkage with a transport frame for speeds up to 40 km/h.



The pivoting hitch with hydro-pneumatic stabilisers provide steady tractor following.



The unique hydraulic folding system enables easy preparation for work and transport and reversing during spreading.



The innovative hydraulic system allows operating the machine in the working and transport position.



3-point pivoting linkage version (SPIDER 1100|10).



The robust hexagonal drive system and semi-liquid grease rotary gears ensure reliability during intensive work on large surfaces.



In transport position the machine is very compact and requires a small storage area.



The linked safety railings give the machine additional stability and rigidity.



The segmented rotors enable perfect adaptation to the ground even on difficult terrains.



Patented hydraulic rotor angle adjustment (optional) from 13° to 19° or from 15° to 21° for even forage spreading.



The finger clutch on each hinge for smooth and quiet running and load reduction.

The **SPIDER 900I8** and **1100I10** rotary tedders are extremely robust and compact while remaining lightweight.

Despite the large working width, the linked protection rails provide excellent stability. Each rotor individually adapts to the terrain, and the smaller diameter with patented rotor angle adjustment ensures even spreading regardless of the forage quantity.

ROTARY TEDDERS

SPIDER 1300|12 T, 1500|14 T

Robustness, stability and efficiency are the key advantages for tedding on the largest surfaces. Trailed rotary tedders with **twelve** or **fourteen rotors** ensure even spreading or turning with **maximum productivity** and are a reliable choice for professional users.

A robust transport frame

Patented hydraulic adjustment of rotor inclination

Welded rectangular profile

Finger clutch on each hinge

Linked protection rails



Adjustable drawbar linkage with a transport frame for speeds up to 40 km/h.



Wheels with height and spreading angle adjustment between 12° and 18°.



The innovative hydraulic folding system enables easy preparation for work and stability during passages.



The compactness of the chassis allows excellent manoeuvrability of the machine during transport.



The innovative geometry of the small-diameter rotors with spring tines of different lengths ensures optimal forage flow and even spreading. The SPIDER 1300 | 12 T with twelve rotors ideally covers **5 rows of the mower with 7 discs** and 3 m of working width.



The modular construction of the connected individual rotors allows a wide range of vertical adaptation to the terrain.



The robust hexagonal drive system and semi-liquid grease rotary gears ensure reliability during intensive work on large surfaces.



A patented hydraulic system for rotor height adjustment.



A finger clutch on each hinge for smooth and quiet running and long operating time.



The linked safety railings give the machine stability and rigidity while working.



The innovative double clutch on the drive protects the machine from overloads and thus prevents damage to the machine drive.

The HD line of rotary tedders **SPIDER 1300 | 12 T** and **1500 | 14 T** is above standard in all aspects.

Durable and reliable construction, combined with the innovative design of the rotors, ensures even forage spreading or turning without damaging the turf. With a large working width, it offers maximum performance and energy savings.

TECHNICAL DATA AND EQUIPMENT

SPIDER ROBUST ROTARY TEDDERS

TECHNICAL DATA	455 4	555 4
Working width (m)	4.50	5.30
Number of rotors	4	4
Number of spring tines per rotor	6	6
Rotor diameter (m)	1.60	1.70
Rotor rotation speed (rpm)	175	175
PTO rotation speed (rpm)	450 - 540	450 - 540
Weight (kg)	425	475
Required tractor power (kW/HP)	15 / 20	15 / 20
Capacity (ha/h)	4.50	5.50
Angle adjustment	14° - 18°	14° - 18°
Safety clutch (Nm)	900	900
Machine width (m)	4.94	5.72
Transport width (m)	2.60	2.95
Transport height (m)	2.60	2.70
Transport length (m)	1.80	1.80
Tyre size - rotors	15 x 6.00 - 6	15 x 6.00 - 6

SERIAL EQUIPMENT

Hitch	3-point pivoting linkage Cat. I and II
PTO shaft	Safety clutch
Hinges	2 x double universal joint
Hydraulic connection	1x single-acting (1SA) 1x single-acting for HS (1SA)
Spring tine holders	Round tubes
Spring tines	Double, different lengths, SUPER-C wire
Shock absorber	With a spring
Wheel steering	Hydraulic(HS)

OPTIONAL EQUIPMENT



For more information, please contact the seller.

TECHNICAL DATA	615 6	685 6	775 6
Working width (m)	6.00	6.80	7.60
Number of rotors	6	6	6
Number of spring tines per rotor	5	6	6
Rotor diameter (m)	1.30	1.60	1.70
Rotor rotation speed (rpm)	194	175	175
PTO rotation speed (rpm)	450 - 540	450 - 540	540
Weight (kg)	755	790	1170
Required tractor power (kW/HP)	44 / 60	44 / 60	60 / 80
Capacity (ha/h)	6.20	7.00	8.00
Angle adjustment	16° - 20°	14° - 18°	13° - 19°
Safety clutch (Nm)	900	1020	1200
Machine width (m)	6.30	7.30	8.40
Transport width (m)	2.82	2.95	2.98
Transport height (m)	3.05	3.60	3.75
Transport length (m)	1.90	2.15	2.30
Tyre size - rotors	15 x 6.50 - 8	15 x 6.50 - 8	16 x 6.50 - 8

SERIAL EQUIPMENT

Attachment	3-point pivoting linkage Cat. II
Cardan shaft	Safety clutch
Hinges	2x double universal joint, 2x universal joint
Hydraulic connection	1x single-acting (1SA) 1x single-acting for HS (1SA)
Spring tine holders	Round tubes
Spring tines	Double, different lengths, SUPER-C wire
Shock absorber	With a spring
Wheel steering	Hydraulic (HS)

OPTIONAL EQUIPMENT



Intermediate reduction gearbox for night swaths



Anti-wrap shields 16"



Road safety and lightning equipment

For more information, please contact the seller.

TECHNICAL DATA AND EQUIPMENT

SPIDER ROBUST ROTARY TEDDERS

TECHNICAL DATA	815 8	815 8 T	915 8
Working width (m)	7.85	7.85	9.15
Number of rotors	8	8	8
Number of spring tines per rotor	5	5	6
Rotor diameter (m)	1.30	1.30	1.60
Rotor rotation speed (rpm)	201	201	175
PTO rotation speed (rpm)	450 - 540	450 - 540	450 - 540
Weight (kg)	1085	1440	1450
Required tractor power (kW/HP)	60 / 80	45 / 60	60 / 80
Capacity (ha/h)	9.50	9.50	13.00
Spreading angle adjustment	16° - 20°	16° - 20°	11° - 19°
Safety clutch (Nm)	1020	1020	1200
Machine width (m)	8.17	8.17	8.17
Transport width (m)	2.95	2.98	2.98
Transport height (m)	2.95	3.30	3.40
Transport length (m)	1.90	4.10	2.20
Tyre size - rotors	16 x 6.50 - 8	16 x 6.50 - 8	16 x 6.50 - 8
Tyre size - middle rotors (2x)	16 x 9.50 - 8	16 x 9.50 - 8	16 x 9.50 - 8
Tyre size - transport frame	/	10.0/80-12	/

SERIAL EQUIPMENT

Hitch	3-point pivoting linkage Cat. II	Transport frame with 2-point linkage Cat. II	3-point pivoting linkage Cat. II
PTO shaft	Safety clutch		
Hinges	2x double universal joint, 2x universal joint, finger clutch on outer rotors		
Hydraulic connection	1x single-acting (1SA) 1x single-acting for HS (1SA)	2x single-acting (2EW) 1x double-acting for HS (2DA)	1x double-acting (2DA), 1x double-acting for HS (2DA)
Spring tine holders	Round tubes		
Spring tines	Double, different lengths, SUPER-C wire		
Shock absorber	With a spring	With a spring	With a spring
Wheel steering	Hydraulic (HS)		

OPTIONAL EQUIPMENT



Hook spring tines
(only for SPIDER 915|8)



Double jockey wheel
(available for SPIDER 815|8 T)



Road safety and
lightning equipment

SPIDER HD ROTARY TEDDERS

TECHNICAL DATA	900 8	900 8 T	1100 10	1100 10 T	1300 12 T	1500 14 T
Working width (m)	8.80	8.80	10.80	10.80	12.90	14.80
Number of rotors	8	8	10	10	12	14
Number of spring tines per rotor	6	6	6	6	6	6
Rotor diameter (m)	1.45	1.45	1.45	1.45	1.45	1.45
Rotor rotation speed (rpm)	185	185	185	185	210	210
PTO rotation speed (rpm)	450 - 540	450 - 540	450 - 540	450 - 540	450 - 540	450 - 540
Weight (kg)	1586	2200	1780	2450	3270	3370
Required tractor power (kW/HP)	74 / 100	48 / 60	74 / 100	46 / 60	53 / 70	53 / 70
Capacity (ha/h)	13.00	13.00	16.00	16.00	19.00	22.00
Spreading angle adjustment	13° - 19°	13° - 19°	15° - 21°	15° - 21°	15° - 21°	15° - 21°
Safety clutch (Nm)	1300	1300	1300	1300	1800	1800
Machine width (m)	9.10	9.10	11.50	11.50	13.50	15.50
Transport width (m)	2.80	2.98	2.80	2.98	2.98	2.98
Transport height (m)	3.40	2.45	3.70	2.45	2.51	2.51
Transport length (m)	2.20	4.98	2.20	5.10	6.25	6.25
Tyre size - rotors	16 x 6.50 - 8	16 x 6.50 - 8	16 x 6.50 - 8	16 x 6.50 - 8	16 x 6.50 - 8	16 x 6.50 - 8
Tyre size - middle rotors (2x)	18 x 8.50 - 8	18 x 8.50 - 8	18 x 8.50 - 8	18 x 8.50 - 8	16 x 9.50 - 8	16 x 9.50 - 8
Tyre size - transport frame	/	11.5/80 x 15	/	11.5/80 x 15	11.5/80 x 15	11.5/80 x 15

SERIAL EQUIPMENT

Hitch	3-point pivoting linkage Cat. II	Drawbar with a transport frame	3-point pivoting linkage Cat. II	Drawbar with a transport frame	Drawbar with a transport frame	Drawbar with a transport frame
PTO shaft	PTO with safety clutch	Wide angle PTO, PTO with a safety clutch	PTO with safety clutch	Wide angle PTO, PTO with a safety clutch	Wide angle PTO with a safety clutch	Wide angle PTO with a safety clutch
Hinges	Finger clutch					
Hydraulic connection	1x single-acting (1SA), 1x double-acting (2DA)					
Spring tine holders	Round tubes					
Spring tines	Double, different lengths, SUPER-C wire					
Shock absorber	Hydraulic	/	Hydraulic	/	/	/

OPTIONAL EQUIPMENT



Hydraulic working angle adjustment (available with 900|8 T, 1100|10 T, 1300|12 T, 1500|14 T)



Air brake, single-axle, double-line (available with 900|8 T, 1100|10 T).



Hydraulic brake, single-axle, double-line (available with 900|8 T, 1100|10 T).

For more information, please contact the seller.

PRODUCT RANGE

DISC MOWERS **SILVERCUT DISC**

Front mowers

7 discs	8 discs	9 discs
300 F ALP / S -FLOW		
300 F / S -FLOW	340 F / S -FLOW	380 F S -FLOW
300 F FPC / S -FLOW	340 F FPC / S -FLOW	
300 F FSC / S -FLOW	340 F FSC / S -FLOW	
300 F RRC / S -FLOW	340 F RRC / S -FLOW	



Side mowers

6 discs	7 discs	8 discs	9 discs
	300 S	340 S	380 S
	300 S FPC	340 S FPC	
	300 S FSC	340 S FSC	
270 S RRC	300 S RRC	340 S RRC	



Mower combinations

8 discs	9 discs
900 C (2x8 discs)	1000 C (2x9 discs)
900 C FPC (2x8 discs)	
900 C FSC (2x8 discs)	
900 C RRC (2x8 discs)	



Trailed mowers

7 discs	9 discs
300 TS FPC	380 TC FPC
	380 TC FSC
300 TC RRC	380 TC RRC
300 TS RRC	



Trailed mower combinations

8 discs
1500 T (4x8 discs)
1500 T FPC (4x8 discs)
1500 T FSC (4x8 discs)
1500 T RRC (4x8 discs)



TEDDERS **SPIDER**

ROBUST LINE

	4-rotors	6-rotors	8-rotors
3-point linkage	455 4 555 4	615 6 685 6 775 6	815 8 915 8
Trailed			815 8 T



HEAVY DUTY LINE

	8-rotors	10-rotors	12-rotors	14-rotors
3-point linkage	900 8	1100 10		
Trailed	900 8 T	1100 10 T	1300 12 T	1500 14 T



PICK-UP RAKES **AIR**

Front	Trailed
300 F	500 T
350 F	900 T



* T - trailed, F - front.

RAKES STAR

1 - rotors

360 10	400 11	430 12	470 13
		430 12 T	




2 - rotors with side swath

600 20 T	700 22 T
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2 - rotors with central swath

650 20 T	720 22 T	850 26 T	1000 30 T
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4 - rotors with central swath

1250 50 T



*T - trailed

ALP PROGRAM

DISC MOWERS **DISC ALP**

Front

5 discs	6 discs	7 discs
220 F ALP	260 F ALP	300 F ALP



Side

5 discs	6 discs	7 discs	8 discs
220 S ALP	260 S ALP	300 S ALP	340 S ALP



TEDDERS **SPIDER ALP**

	4-rotors	6-rotors
3-point linkage	350 4 ALP 400 4 ALP	
Trailed	400 4 ALP	600 6 ALP



RAKES **STAR ALP**

1 - rotors

300 8 ALP	320 8 ALP	350 8 ALP
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BELT RAKES **FAVORIT ALP**

Front	Side
234 F ALP	234 ALP
254 F ALP	254 ALP
274 F ALP	274 ALP









3 Years WARRANTY



1

Counselling

Our skilled dealers and distributors will advise you as to which machine is the best choice for you in accordance with your needs and desires.



2

Machine purchase

When you buy the machine, we start it up for you for the first time.



3

Start-up

Before using the machine for the first time, we give you advice about how to use the machine and provide you with tips on proper machine maintenance.



4

Use

You can always contact our customer support during your use of the machine.



5

Service

30 days before the expiry of the 2-year warranty, have your machine serviced by an authorised repairer.

2 YEARS



6

Flawless machine

For a technically flawless machine, we add an extra year of warranty without restriction.



7

Extended guarantee 2 + 1

An extended warranty of one additional year means an additional year of protection against the unexpected cost of repairing the machine.

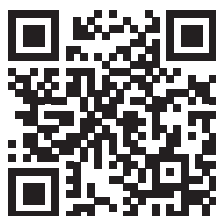


8

Online complaint filing

Complaints filling via the online form for end users.

+ 1 YEAR



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