

**Fanex 463-523(T)-553-603-683-763-
833T-903-903C-1103C-1133T-1403C**



Rotary Tedders



Rotary Tedders Straight from the Inventor...



45 Years of Experience



Vicon's versatile
Compact Line and Pro Line
tedders, ranging from 4.6 to
13.3 m will match any requirement.

Compact Line

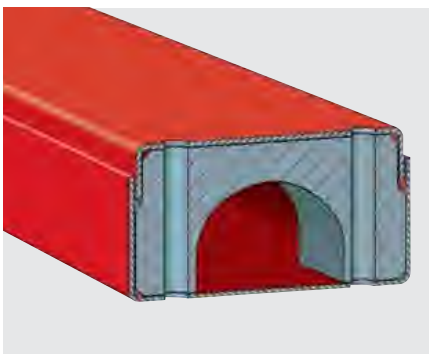
The Compact Line tedders feature a maintenance friendly gearbox, with only one grease nipple. The gearbox is mounted to the frame, and has no supporting function, and therefore it is not subjected to any strain.

Pro Line

The Pro Line tedders feature a uniquely designed, self-contained rotor gearbox. Wear on the enclosed and oil-immersed gearbox is reduced to a minimum. The main crown wheel in each gearbox is mounted directly to the casing by means of a large diameter radial bearing. They have no supporting function, therefore they are not subjected to any strain.

The Advantages

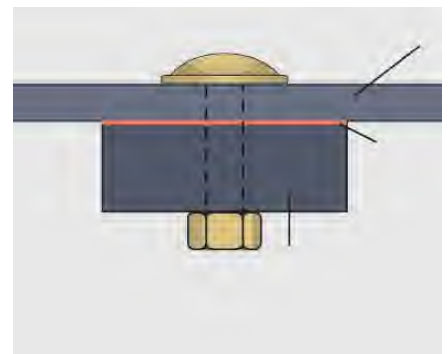
- Working widths from 4.6 m right up to 13.3 m
- Low maintenance gearbox on the Compact Line range for smaller and medium sized farms
- Maintenance-free gearbox on the Pro Line range for the toughest conditions
- Generously dimensioned oscillation dampers for excellent running characteristics and working result
- An exceptionally solid design of the chassis, which allows the tedder to withstand the most severe loads
- 10 mm strong tines with 80 mm coil diameter on Pro Line, offering unsurpassed flexibility
- XXL-rotor plate with a diameter of no less than 500 mm for excellent fixation of the tine arms
- OptiSet tine attachment system, and fast adjustment of spreading angle without the use of tools



All Fanex tedders are built around a rugged new box section chassis, composed of two channel profiles fitted into each other and seam-welded for maximum rigidity. The Fanex chassis design is fully enclosed at the top edge for maximum strength - an exceptionally solid design, which allows the Fanex to withstand the most severe loads.



Regreasable pivot points are extremely wide and mounted in special bearings for maximum dependability.



Made from flat steel, the tine arms form a very compact unit with the rotor plate. This makes the Fanex by far more resistant to any type of load.

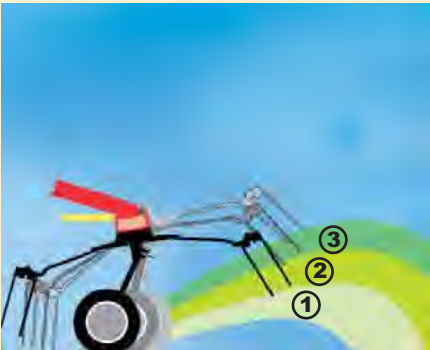


The strong design and the many features of the Vicon tedders, ensure easy and dependable operation.



Setting the Right Spreading Angle

Simple three-way adjustment of wheel height, allows the optimum spreading angle to be achieved according to crop conditions, helping you to produce high quality forage.



Setting the rotors to the right spreading angle will considerably improve the spreading action and speed up the drying process.



The correct spreading angle is essential for enhanced tedding. The system allows readjustment - stepless of course - even after long periods of operation, to ensure optimum spreading throughout the lifetime of the machine.



The Fanex Super-C tines are made of 10 mm shot-peened spring steel. Spring diameter coils have 20% larger diameters than conventional designs for added service life, even when tedding large quantities of crop.



The mower swaths are neatly lifted by the tines and evenly spread over the full width. The tines glide in a more uniform frequency over the stubble, so the risk of dirt being lifted by the tines is minimized.

Fanex 463-523(T)-603 Compact Line

Strong and Easy to Maintain



Fanex 603 with low maintenance gearbox.

Low Maintenance

With working widths from 4.60 m to 6.05 m, Vicon offers the Compact Line range with low maintenance rotor gearboxes. The rotors of the Fanex 463, 523 (T) and 603 are driven by a low maintenance gearbox with only one grease nipple. The double bearings from pinion to crown wheel guarantee maximum longevity of the driveline. The low weight of these models is ideal for application with small tractors, or in hilly regions.

Fanex 603 - Compact Machine with Large Capacity

6 rotors and 6.05 m working width is what characterises the new Fanex 603. This machine is particularly well suited for making hay, due to the smaller diameter of the rotors, which ensures an equal spreading pattern when working with dry material.



Optional tandem axles enhance ground contour following ability and quiet running.



All tedders fold hydraulically from working to transport position and vice versa.



For border tedding the wheels can be adjusted separately. This ensures a smooth and flexible tedding performance.



As an option the tedders can be equipped with a third wheel, to improve ground contour following.



Fanex 523T set for transport.

The Fanex 523T trailed version has been designed to work with smaller tractors.

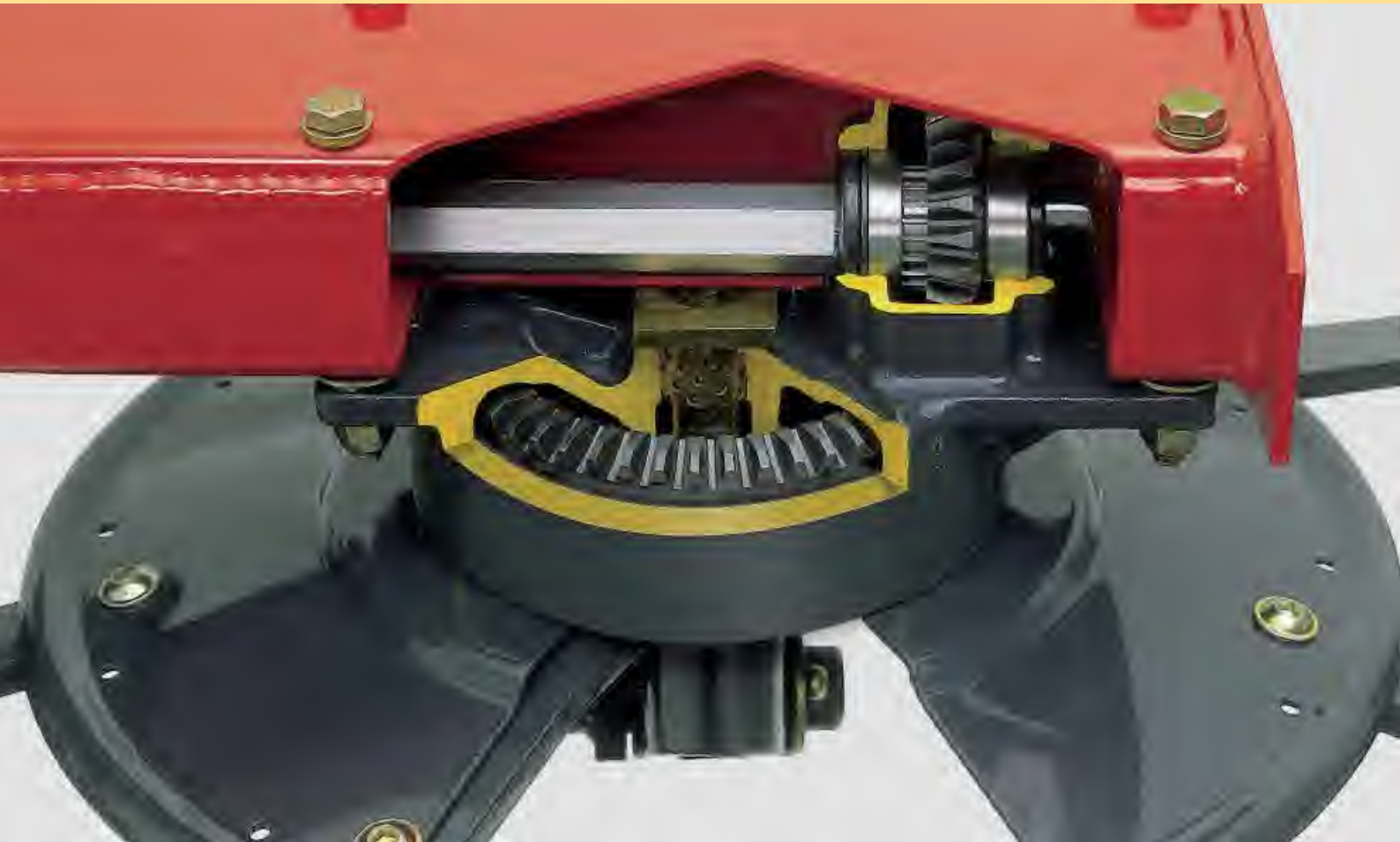


Incredible Dimensions

Even the smallest models excel - the rotor plate diameter measures 500 mm! All Fanex tedders feature gearboxes flanged to the frame, and which have no supporting function, and are therefore not subjected to any strain. This system sets the benchmark with respect to stability, smooth running, quality of work and efficiency. Compare for yourself!

Pro Line

Solid Design and Maintenance Free Operation



A Strong Heart

Vicon Pro Line tedders feature a uniquely designed self-contained rotor gearbox. This design sets new standards in agricultural engineering and guarantees superior longevity. The main crown wheels in each gearbox are mounted directly to the casing by means of a large diameter radial bearing. They have no supporting function, and therefore they are not subjected to any strain.

Any Load under Control

The longitudinal chassis, composed of two generously dimensioned channel profiles, ensures excellent running characteristics and outstanding stability during transport.

Shock-Protected

The enclosed system is not affected by chassis or tine arm vibrations.

Constant Lubrication

Enclosed and oil-immersed, the gearbox components enjoy extended longevity over systems that require manual lubrication.

Reduced Maintenance

There is no need for daily lubrication.

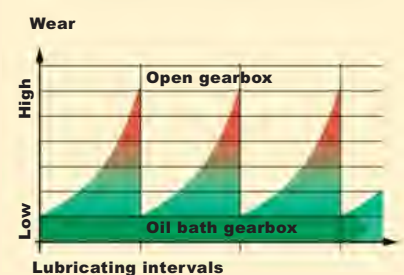
Environmental Protection

No lubrication means no leakage – hence higher-quality forage.

No Corrosion

No ingress of dust and water, not even during pressure washing.

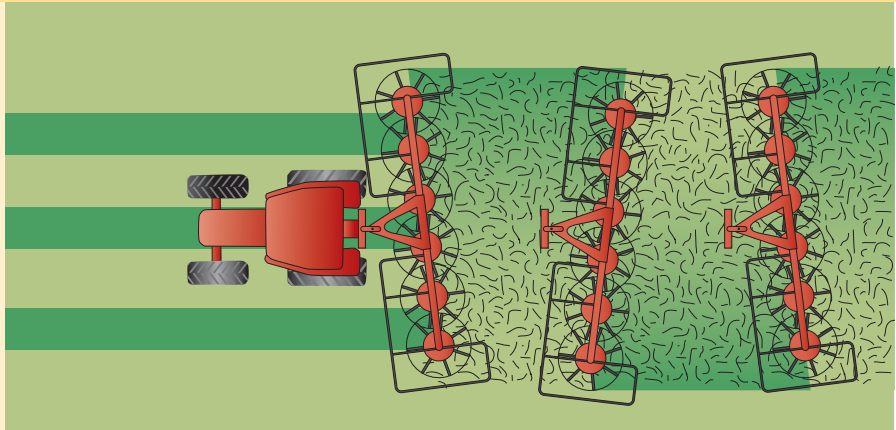
If an open gearbox is specified, wear will increase disproportionately towards the end of a service interval, as there is a constant loss of oil. By comparison, wear on an enclosed and oil-immersed gearbox is reduced to a minimum.



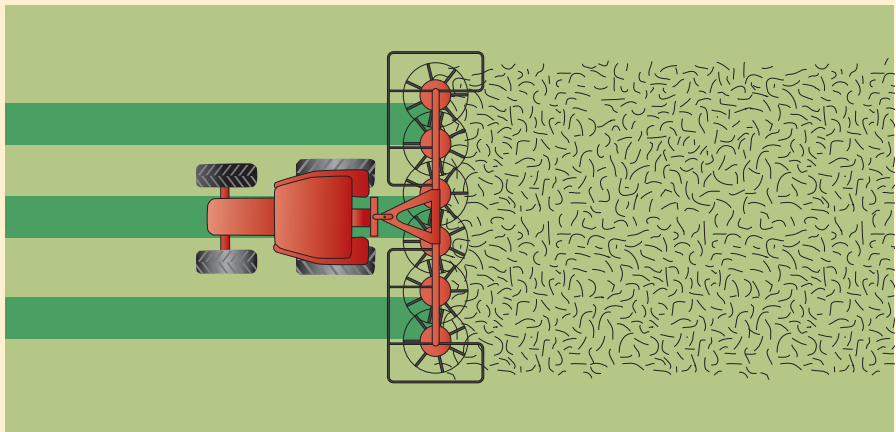
Vibration Dampers

The Fanex oscillation dampers ensure excellent ground contour following and tedder flotation. The construction of the oscillation dampers results in a smooth and even distribution of the grass, due to the constant tine distance to the ground.

The distant linkage point means that it offers excellent running characteristics compared to conventional oscillation dampers. The fact that the linkage is positioned low on the headstock results in a more effective damping action during transport.



Conventional systems



Fanex vibration dampers

- Widely spaced mounting points - no risk of 'hunting'
- Excellent running characteristics
- Low-positioned linkage on the headstock for more effective damping action during transport
- No risk of the tedder running under the tractor on downhill work, excellent tedding at all times through constant tine spacing to the ground





All Pro Line models are fitted with oil-immersed gearboxes, for permanent lubrication and maintenance-free operation.

Fanex 553-683-763 Pro Line

Sound and Reliable

Designed for Long Working Days

The Fanex 553, 683 and 763 are high quality tedders with working-widths ranging from 5.5 - 7.6 m. All tedders are supplied with a pivoting 3-point headstock, ensuring very stable and strong performance. The strong construction and oil bath gearbox make these machines reliable and efficient, and suitable for long working days.

A High Number of Features as Standard

The Fanex 553, 683 and 763 are supplied with many standard features. Oscillation dampers ensure excellent running characteristics together with even and smooth flotation. These models feature a very simple to use, centrally operated border tedding system, which ensures no grass is thrown into the field boundary.



The Fanex 763 with 7.6 m working width.



Four Rotor Tedder with Long Working Life

The Fanex 553 is a reliable 4 rotor tedder that offers all the unique features of larger machines. It comes with a very strong construction and oil bath gearbox. With 7 tines per rotor, these tedders offer more tines than most comparable tedders. This means that the Fanex 553 is a tedder that provides excellent working performance at higher working speeds.



The optional reduction gear box makes...



... it possible to ted night swaths.

The Central Unit

- an exceptionally strong design. The central unit has a particularly sophisticated design: an extra cross beam, and the exceptionally generous linkage zone of the outer rotors, permit transport speeds of up to 50 km/h with no risk of damage.



The Fanex 553, 683 and 763 are easily converted from transport to working position and fold hydraulically.



Transport width is below 3 m.



The strong design of the central unit allows high transport speed.

Fanex 903-903C Pro Line

High Capacity Tedders



The design of the Fanex 903 and 903C, with 9 m working width, guarantees efficiency and durability.

Cost-Effective Design

8 rotors, 48 tines and 9 m working width combine to set a new standard in cost-effective tedding. Thanks to its well conceived folding mechanism, storage height of Fanex 903 is as low as 3.45 m. The two outer rotors fold in towards the centre of gravity for optimum balance. With a working width of 9 metres, the Fanex 903 offers up to 50 cm extra working width compared to many competitors. Added to this, Fanex 903 boasts all features of the Pro Line tedder range.

Sturdy Design

Stable and reliable working performance is ensured by the powerful design of the Fanex 903 and 903C. The pivoting 3-point headstock and strong v-shaped central unit, makes this a highly durable machine. On top of this, add the fully oil-immersed gearbox, the 2 vibration dampers and the extra large tines.



For border tedding - controlled from the tractor cab.

Transport Running Gear



Fanex 903 with Transport Running Gear

Are you the owner of a low horsepower/low liftpower tractor, that you wish to use for your tedding operations? No problem. Vicon has the solution for you!

The standard specification includes a hydraulic border tedding system for your convenience. In road transport, tedder weight rests on the running gear, rather than on the tractor's rear axle. The optimised oil-immersed driveline provides low input requirement, so you can easily use a small tractor and still work at wide working widths - the ideal solution that saves fuel and running costs.

The running gear folds hydraulically and towards the centre of gravity for good balance. All folding is fully automatic to eliminate the risk of operator error. One double-acting spool is required to operate the tedder.



The height-adjustable wheel on the drawbar provides optimal ground following in all conditions.



Fanex 903.



The Fanex 833T and 1133T offer a wide working width, but still they are ideal for lower horsepower tractors.

Fanex 833T-1133T Pro Line

Combining High Performance with Low Power Requirement

Large Working Width, Low Power Requirement

The Fanex 833T and 1133T are high performance tedders for farmers requiring a large working width for low power tractors. Both tedders have low lift and input requirements, and are specially designed for low horsepower tractors. This design minimises compaction and operating costs. Certainly a great advantage in times of escalating fuel prices.

Easy Transport

Both models can be easily converted from transport to working position, without the operator leaving the seat. All it takes is one double-acting spool and off you go! Both tedders give smooth road running. The wheels on the outer rotors are guided, like the wheels on a single-axle trailer. All trailed Fanex models are approved for 40 km/h. Transport speed is subject to national regulations.



Fast and easy height adjustment.



Fanex 1133T.

Pin-Hitch or Drawbar Attachment

Fanex 1133T offers the unique option of either pin-hitch or drawbar attachment. You simply refit a pin for continental pin-hitch attachment or linkage drawbar attachment. Continental pin-hitch attachment will not put the pto-shaft at risk, and makes for very easy attachment without difficulties.

All trailed Fanex models are approved for 40 km/h. Transport speed is subject to national regulations.



Pin-hitch attachment.



Drawbar attachment.



The machine is easily converted from the tractor from transport to working position.



The rear wheels are fixed, so during transport...



... the tedder follows smoothly behind the tractor.

Fanex 1103C-1403C Pro Line

Maximum Efficiency



The Fanex 1103C is an easily operated 8 rotor machine, offering top level tedding performance.

Fanex 1103C - Sheer Efficiency

This machine offers a new dimension in efficiency and stability. 8 rotors with 7 tine arms each, can neatly spread four 3 m swaths. The solid design is your guarantee of a long lifetime, even when working in the toughest conditions. Its large gears, sturdy shock proof bearings and oil-immersed drive system require zero lubrication.

Easy Handling

This easy to use machine is operated fully hydraulically and can be controlled from the tractor cab. High ground clearance and a wide wheelbase provide absolute road stability at high transport speeds. The folding mechanism and conversion to border tedding is hydraulic, and controlled from the tractor seat.



Transport height is 3.20 m.



Fanex 1403C - Characteristics in Short

- Strongest tine on the market with 10 mm diameter and 80 mm coil.
- 7 tine arms for optimal pick up and distribution of material.
- Sturdy and largely dimensioned frame.
- Gear units flanged to the frame - no carrying function.
- 3-step tool free adjustment of rotor inclination for varying working conditions.

Fanex 1403C - Massive Working Width and Output

10 rotors, transport carrier and 13.30 m working width characterises Fanex 1403C. This is a professional solution which combines wide working width with maximum stability, easy maintenance and excellent manoeuvrability.

Minimum Maintenance

All vital parts are enclosed in a permanent oil bath for extreme durability and stability. The bearings offer a further innovation, with which the individual framework construction units are connected. The ball bearings are life span lubricated. This absolutely maintenance free kind of storage guarantees maximum stability and life span.

Unique Transport Solution

The Fanex 1403C offers a unique transport solution that improves total work of the tedder. In transport position the outer rotors are folded forward onto a carrier frame. In this way a transport height of only 3.65 m, and a transport width of less than 3 m is achieved. The carrier frame allows the tedders to move forward quickly and easily, when going from one field to another.



Life span lubricated ball bearings.



For border tending the 3 outer rotors are pivoted, to secure evenly inward spreading.



Excellent adaptation to ground contours.

Technical Specifications

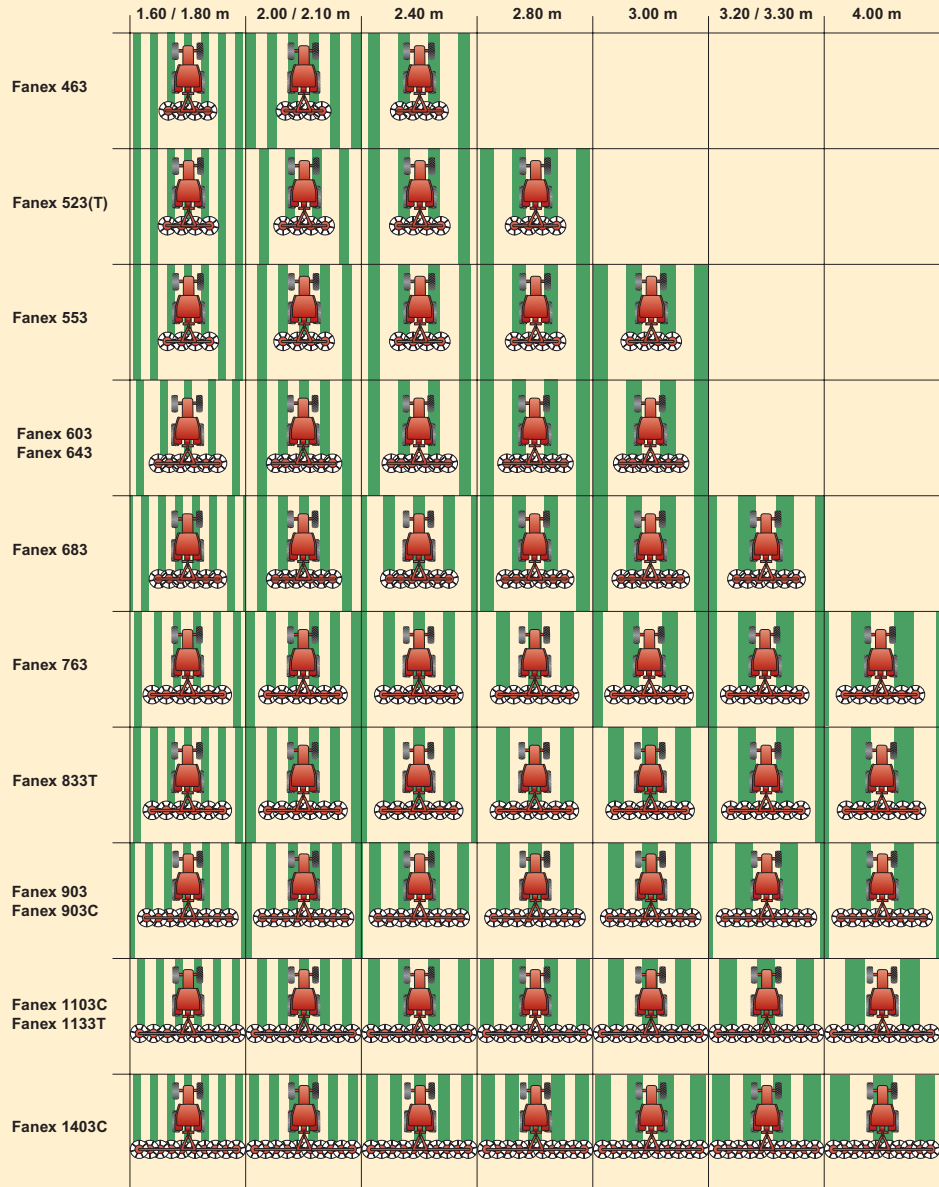
Fanex	463	523	523T	553	603	683	763	833T	903	903C
Dimensions and Weights										
Working width* (m/feet)	4.60(15'1")	5.20(17'1")	5.20(17'1")	5.50(18'1")	6.05(19'10")	6.80(22'4")	7.60(24'11")	8.30(27'3")	9.00(29'6")	9.00(29'6")
Width, working position (m/feet)	4.90(16'1")	5.40(17'9")	5.40(17'9")	5.80(19')	6.30(20'8")	7.15(23'5")	7.90(25'9")	8.65(28'4")	9.35(30'7")	9.35(30'7")
Transport width (m/feet)	2.85(9'4")	2.90(9'6")	2.90(9'6")	2.98(9'9")	2.65(8'8")	2.98(9'9")	2.98(9'9")	2.90(9'9")	2.98(9'9")	2.98(9'9")
Transport length (m/feet)	2.15(7'1")	2.10(6'11")	2.60(8'6")	2.30(7'7")	1.85(6'1")	2.20(7'3")	2.40(7'10")	5.60(18'4")	2.20(7'3")	3.80(12'6")
Storage height (m/feet)	2.45(8')	2.65(8'8")	2.65(8'8")	2.80(9'2")	3.10(10'2")	3.60(11'9")	3.85(12'8")	1.25(4'1")	3.45(11'4")	3.45(11'4")
Weight approx. (kg/lbs)	500(1102)	530(1170)	410(904)	620(1367)	650(1433)	830(1830)	890(1962)	900(1984)	1100(2425)	1400(3087)
Capacity theor. (ha/h)	3.7	4.2	4.2	4.4	4.8	5.4	6.1	6.6	7.2	7.2
Attachment										
Three-point, tracking	Cat. I+II	Cat. I+II	-	Cat. I+II	Cat. I+II	Cat. II	Cat. II	-	Cat. II	Cat. II
Linkage drawbar	-	-	●	-	-	-	-	●	-	-
Two-point, linkage arms	-	-	-	-	-	-	-	-	-	-
Vibration damper/integral lock	-	-	-	●	●	●	●	-	●	-
Rotors/Tines/Guard										
No. of rotors	4	4	4	4	6	6	6	6	8	8
No. of tine arms / rotor	6	6	6	7	5	6	7	7	6	6
OptiSet tine attachment system	●	●	●	●	●	●	●	●	●	●
Adjustment of spreading angle	●	●	-	●	-	●	●	●	●	●
Cab contr. border clearing system										
Mechanical	-	-	-	-	-	●	●	-	●	-
Hydraulic	-	-	-	-	●	○	○	○	○	●
Single wheel adjustment										
system for border clearing	●	●	-	-	●	-	-	●	-	-
Reduc. gearbox for night swaths	○	○	○	○	○	○	○	○	○	○
Tyres/Axles/Lights										
Wheels	15x6.0-6	15x6.0-6	16x6.5-8	15x6.0-6	15x6.0-6	16x6.5-8	16x6.5-8	16x6.5-8	16x6.5-8	16x6.5-8
Tyres on central unit	-	-	-	-	-	-	-	-	18.5x8.5-8	18.5x8.5-8
Front wheel (16x6.50-8)	○	○	-	○	○	○	○	-	○	●
Tandem axles	○	○	○	○	-	○	○	-	-	-
Warning panels	○	○	-	○	○	○	○	-	-	-
-, with integr. lighting	○	○	-	○	○	○	○	●	●	●
*(DIN 11220)										

● = Standard ○ = Optional - = Not available

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The Right Tedder for Every Cutting Width

1133T	1103C	1403C
11.00(36'1")	11.00(36'1")	13.30(43'8")
11.30(37'2")	11.30(37'2")	13.65(44'9")
2.98(9'9")	2.98(9'9")	2.98(9'9")
7.25(23'9")	5.90(19'4")	5.90(19'4")
1.20(3'11")	3.35(11')	3.35(11')
1090(2400)	1600(3527)	2300(5071)
8.8	8.8	11.2
-	Cat. II	Cat. II
•	-	-
-	•	0
-	-	-
8	8	10
7	7	7
•	•	•
•	•	•
-	-	-
-	•	•
•	-	-
0	0	0
16x6.5-8	16x6.5-8	16x6.5-8
-	18.5x8.5-8	18.5x8.5-8
-	-	-
-	-	-
-	-	-
•	•	•





Kverneland Group

Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services.

Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package of systems and solutions to the professional farming community. The offering covers soil preparation, seeding, forage- and bale equipment, spreading and spraying.



Original Spare Parts

Kverneland Group spare parts are designed to give reliable, safe and optimal machinery performance - whilst ensuring a low cost life-cycle. High quality standards are achieved by using innovative production methods and patented processes in all our production sites.

Kverneland Group has a very professional network of partners to support you with service, technical knowledge and genuine parts. To assist our partners, we provide high quality spare parts and an efficient spare parts distribution worldwide.



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