

JF-STOLL

Trailed Forage Harvesters

FCT 955 Pro Tec | FCT 1050 ProTec





Precision chopping - why?

- The grass sap and possible additives will be evenly distributed on all surfaces. The process of ensiling starts earlier and the quality will be better.
- Often the surface of the swath is dry and the bottom wet. The precision chop forage harvester will mix top and bottom so that the ensiling material will be completely homogeneous. In this way you avoid mildew spots in the silage and thus bad quality.
- When the crop has been precision chopped it is easier to compress to a higher density. When the silage contains less air, the process of ensiling will be faster and more effective, which results in a better quality. Furthermore the cubic content of the silo will be better utilized.
- The feeding is easier to mechanize so that TMR (Total Mixed Ration) can easily be carried out.
- The intake of feed will be bigger and you thereby increase the milk yield.



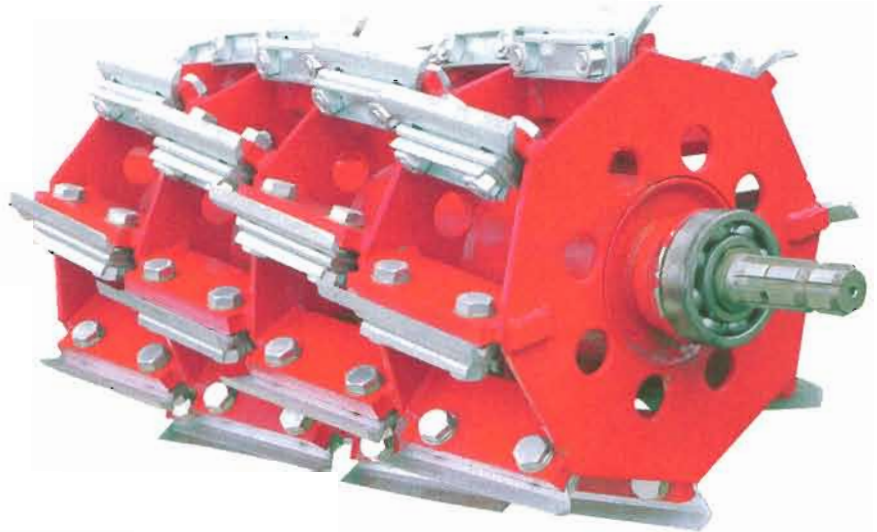
Upper Cut – ensures high quality and reduces wear

The JF-STOLL chopping rotor has two unique characteristics, which both have been very ground-breaking within the area of precision choppers. It is the Upper Cut and the Multi-knife systems. The Upper Cut system cuts the mate-

rial at the shearbar, and then throws it directly into the chute and out. It does not have to go through the rotor housing first. Thereby friction between the knives and rotor housing is avoided and the risk of damage caused by foreign objects such

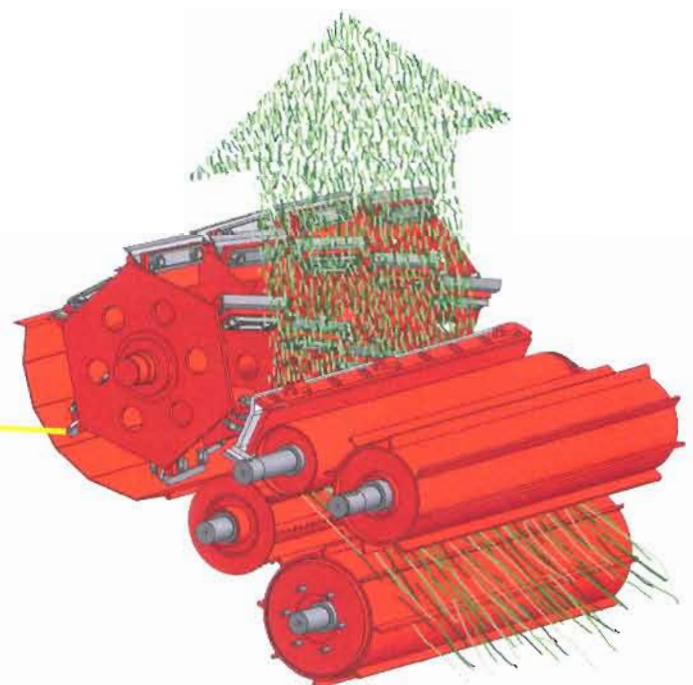
as stones or steel etc. is reduced. The Multi-knife system helps to keep costs to a minimum in case the chopping rotor needs to be repaired. Instead of having to change a knife that covers the total rotor width, it is only necessary to change a knife that covers 1/4 of the rotor width.

The JF-STOLL forage harvesters are equipped with a wide and heavy chopping rotor with a high flywheel effect (the picture shows the 32-knife rotor (option))



The JF-STOLL knife is manufactured so that it protects the chopping rotor from secondary damage. The knife has a built-in line of fracture where it will break if a large object enters into the machine. The loose part will be thrown into the chute and will not cause any further damage. The shear-bars are tungsten-coated and can be reversed for double usage.

The Upper Cut rotor ensures low energy consumption. English examinations show that the JF-STOLL Precision Chop Forage Harvester provides a 25-50% increase in capacity over conventional precision choppers with the same tractor.



FCT 955 ProTec

High-capacity harvester in the 100 – 140 HP category



JF-STOLL's latest forage harvester in the 100-140 hp category Now FCT 955 ProTec has been added to the FCT ProTec range. FCT 955 ProTec is a further development and improvement of FCT 900. FCT 955 ProTec has a stronger transmission and the feed intake area has been increased by 48% which has given the machine a considerable capacity increase in relation to FCT 900 At the same time the machine has been equipped with the ProTec clutch which gives a high protection in case a large object enters the machine



PTO - wide angle of 80°

enables you to turn on the headland or drive round an obstacle without stopping the machine (left-hand picture)

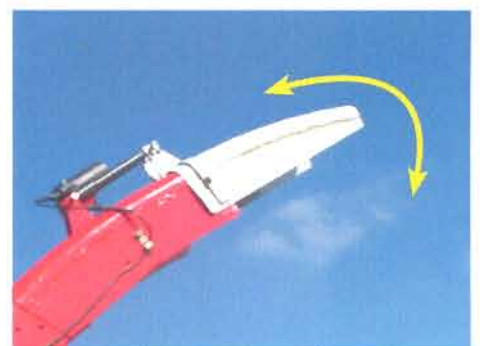
Gearbox

FCT 955 ProTec is as standard delivered with 1000 RPM gearbox – 540 RPM gearbox is available, but longer time of delivery must be expected (right-hand picture).



Electric chute control

FCT 955 ProTec has electric chute control which makes it possible to control the chute all the time – this makes it very easy to fill up the trailer, whether it is parallel-driving or trailed behind the machine.



FCT 1050 Pro Tec

High-capacity harvester in the 190 HP category



Now FCT 1050 Pro Tec is available with side mounted support wheels on the pick-up. The advantages are that the pick-up is spared and that the wheels ensure a perfect contour following which minimises the risk of earth in the crop – this results in better silage quality. (The machine is shown with side mounted support wheels which is optional equipment)



Chute support

FCT 1050 is as standard equipped with chute support to reinforce the chute and stabilize it under difficult conditions.



Hydraulic drawbar

Conversion to or from transport position takes place hydraulically



Strong bevel gearbox

The machine is equipped with a very strong bevel gearbox which allows transmission of great power.

Metal detector (option)

Machines with metal detector are all equipped with one set of feed rollers made of demagnetized material. In front of the rollers there is a magnetic field that will be actuated if a metal object gets near – this releases a stop pawl. The stop pawl will stop the feeding immediately, so that the metal object will not reach the chopping rotor. Thereby you protect not only your machine but also your cows!!!



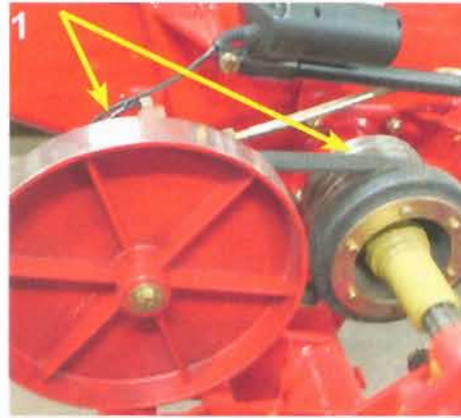
FCT 955 ProTec and FCT1050 Pro Tec

2 machines – many advantages



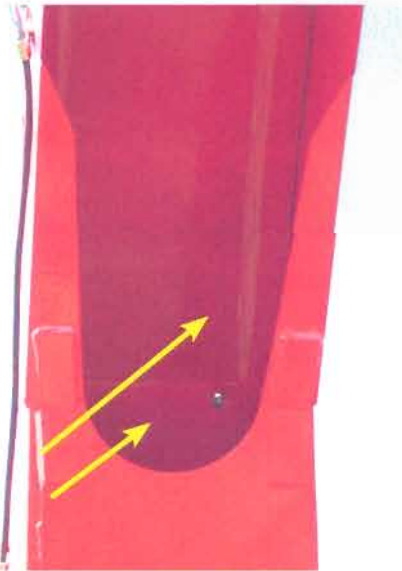
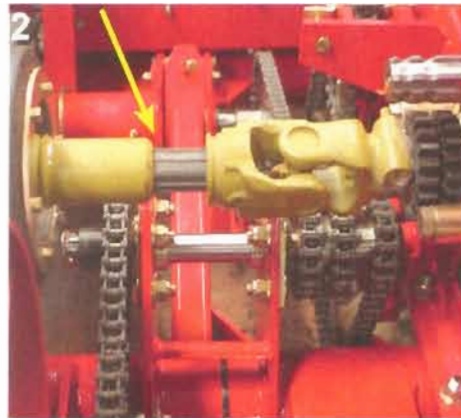
The roller section

The strong springs on both sides of the roller section give a fine compression of the material in the feed intake.



The transmission

The reverse system (picture 1) of the powerful type from the larger models is now standard on FCT 955 ProTec. This implies transmission of sufficient power if it is necessary to reverse due to material being stuck. Furthermore the strong PTO drive shaft on the chopping rotor (picture 2) makes it possible to utilize the capacity increase that the extension of the roller section has provided. All gears and chains (picture 3) are hardened which gives a considerably longer life.



The delivery chute

The lowest part of the delivery chute is equipped with extra chute liners (wearing plates) for longer life.

ProTec means high protection

ProTec is a designation to FCT 955/1050 which explains that the machine is secured against possible foreign matter.

In the transmission there is a friction clutch, which releases in case of high or sudden overload, for instance if a large object is on its way into the machine



Chopping rotor

It is very easy to get access to the chopping rotor, simply fold down the chute.



Grinding

the knife is very simple. The direction of rotation of the rotor is changed and the grindstone is pulled back and forth.



FCT 955 ProTec and FCT1050 Pro Tec

Optional equipment



Automatic hitch

Automatic hitch/hydraulic connection and disconnection of trailer, with or without cords



Maize unit

For the trailed FCT 955 ProTec and 1050 ProTec a 2-row maize unit is available for rows with 75 cm +/- 4 cm distance. For more ripe maize we recommend a special serrated shearbar to ensure that as many kernels as possible are damaged.



Side mounted support wheels

The machine can be equipped with side mounted support wheels on the pick-up. The advantages are that the pick-up is spared and that the wheels ensure a perfect contour following which minimises the risk of earth in the crop – this results in better silage quality



Cutting unit

For direct harvesting of grass and whole crop or the like a 2.4 m disc cutter bar is available

This cutter bar allows you to harvest almost ripe grain crops with nearly no waste of grains.



Chute extension

makes it possible to get a longer throw and to control it better when using the machine in connection with side-loading. (Here shown on FCT 1050)



Lighting kit for FCT

Technical data	FCT 955 Pro Tec	FCT 1050 ProTec
Type of drawbar	Trailed	Trailed
Pick up width	1.8 m	2.1 m
Alternatively	-	1.8 m
Maize unit	2-row	2-row
Cutting unit	2.4 m	2.4 m
Capacity*	25-70 ton/h	35-100 ton/h
Metal detector	-	Option
Tractor requirements		
Power, max.	103 kW/140 HP	140 kW/190 HP
PTO-type, standard	1 3/8" - 6 splines	1 3/8" - 21 splines
PTO RPM	1000 (540 RPM - option)**	1000
Oil outlets	1 single-acting	1 single-acting + 1 double-acting
If hitch and transport conversion	2 single-acting + 1 double-acting	2 single-acting + 1 double-acting
Feed intake		
Number of feed rollers	4	4
Reverse	Electrical	Electrical
Chopping system		
Rotor width	0.72 m	0.72 m
Number of knives	24	24
Alternatively	32	32
Type of knife	HD	HD
Reversible shearbar with tungsten	Standard	Standard
Serrated shearbar for maize	Option	Option
Cutting length, theoretical	8-16-32 mm	8-16-32 mm
Option	6 og 12 mm	6 og 12 mm
Grinding	Reverse	Reverse
Chute system		
Extension for side loading	Option	Standard
Replaceable chute liner (wearing plate)	Standard	Standard
Chute swivel (several steps)	180°	180°
Largest dimensions		
Height	3.8 m	4.0 m
Width	2.8 m	3.3 m
With optional pick-up	-	3.0 m
Length	5.5 m	6.7 m
Weight with pick-up	2030 kg	2130 kg
Various		
Wheel dimension	14/65×16/10	14/65×16/10
Alternatively	19/45×17/10	19/45×17/10
PTO drive shaft with wide-angle joint	1 stk.	2 stk.
Side mounted support wheels for pick-up	Option	Option
Hitch for trailer with clevis and tongue	Option	Option
Drawbar for trailer with hitch	Option	Option
Drawbar for trailer with lateral offset hitch	-	-

* Measured at 20% dry matter

**540 RPM gearbox is not in stock, please ask for delivery time

Some photos may show products with additional equipment. See price list for current standard and additional equipment

We reserve the right to change the construction and specification details without notice. Printer's errors excepted



Specialist in grassland machinery and complete diet mixers

When it comes to green feed techniques, JF-STOLL has gained a reputation as one of the world's leading suppliers and specialists. As a specialist manufacturer for over 50 years we have gained a vast amount of experience from right around the world and, more importantly, unique regional requirements. We also receive important inspiration in our development work through a close and continuous dialogue with customers, dealers and agricultural researchers. No matter which JF-STOLL machine you choose, you can be sure to obtain a top result – in the shape of high performance and operational reliability, minimum maintenance, flexible working possibilities and optimal operating economy.

Dealer

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