

Trailed Forage Harvesters



FCT 1060 / 1260 / 1460

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Moving agriculture ahead

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Precision chopping



Why precision chopping?

- 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. This prevents mildew spots in the silage are avoided and thus bad quality silage is avoided.
- 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 is 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.
- Dry matter intake will be increased, so milk yield and quality is maximised.



When the grass has been precision chopped it is easier to compress – less air in the clamp ensures better ensiling...



...and a good silage; combined with other good feedstuffs and a proper mixing the animals will have a good appetite and thus a higher feed intake.



Upper Cut

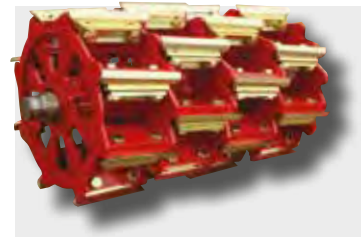
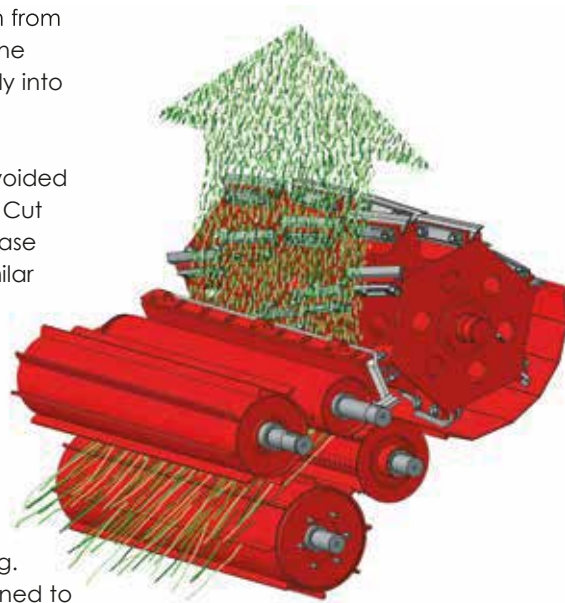


Upper Cut on forage harvesters from Kongskilde

- The unique Upper Cut system from Kongskilde cuts the crop at the shearbar and throws it directly into the chute. Thereby friction between the knives and rotor housing is avoided which means that the Upper Cut rotor provides a 25-50% increase in capacity compared to similar precision choppers with the same tractor.

- Upper Cut - Low fuel consumption.

- The FCT60 models feature a brand new cutting rotor, the result of much field testing. It is a new construction designed to a better blowing capacity.



The new Kongskilde cutting rotor in the FCT 60s is heavier and designed to draw in more air.



Knife sharpening is very simple. The direction of rotation of the rotor is changed and the dressing stone is pulled back and forth.



The Multi-knife system helps to keep costs to a minimum, it is only necessary to change a knife that covers $\frac{1}{4}$ of the rotor width.



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

FCT 1060



FCT 1060 ProTec – many advantages

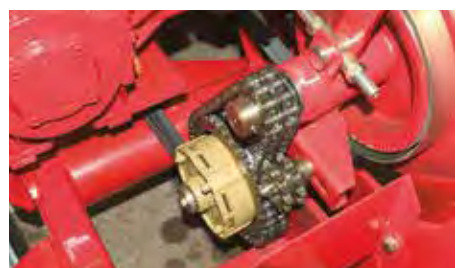
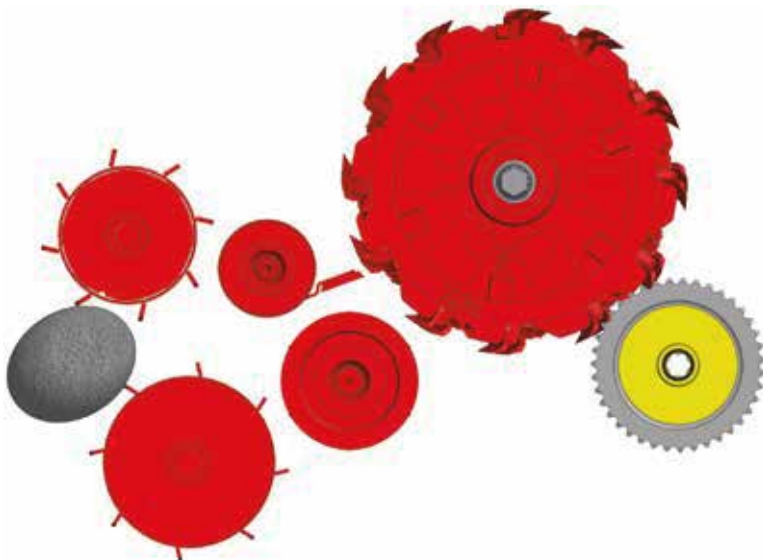
- ProTec means high protection.
ProTec is a designation to FCT 1060 which explains that the machine is secured against possible foreign matter.
In the transmission there is a friction clutch, which releases in case of high or sudden overload, for instance if a large object is on its way into the machine.
- The reverse system of the powerful type from the larger models is now standard on FCT 1060 ProTec. This implies transmission of sufficient power if it is necessary to reverse due to material being stuck.



All gears and chains are hardened which gives a considerably longer life.



Reverse system is activated from the cabin.



ProTec means high protection.

Options for FCT 1060



Options for FCT 1060

Features:

- 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.
- The machine is equipped with a very strong bevel gearbox which allows transmission of great power.
- Chute extension gives a better loading height in connection with side-loading.
- The FCT 1060 can be equipped with a 1.80 m or 2.10 m pick-up.

Benefits:

- Thereby you protect not only your machine but also your cows!
- No loss of power to keep up the capacity and thereby keep the low fuel consumption.
- Easier to operate and fill up the wagon, thereby increased efficiency.
- No loss of crop if the swath is a little uneven in the driving direction.



Metal detector (option FCT 1060)



Strong bevel gearbox



No loss of crop if the swath is a little uneven in the driving direction.



Chute extension FCT 1060

Easy operation with only one controller

Options

Electro hydraulic control box for FCT 1060.

Reversing of feed in and pick-up.

Turn on the feed in and pick-up

Control of deflector

Lowering of pick-up

Turning the chute

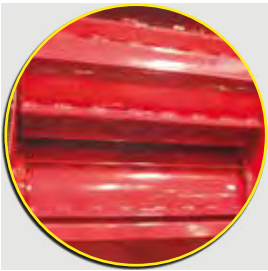
Hydraulic control of the drawbar

The main image shows a red electro hydraulic control box for the FCT 1060. It features a central joystick, a red emergency stop button, and several smaller buttons and switches. Yellow lines connect these controls to circular inset images showing the corresponding machine functions: reversing feed in and pick-up, turning on feed in and pick-up, controlling the deflector, lowering the pick-up, turning the chute, and hydraulic control of the drawbar.

Control of deflector

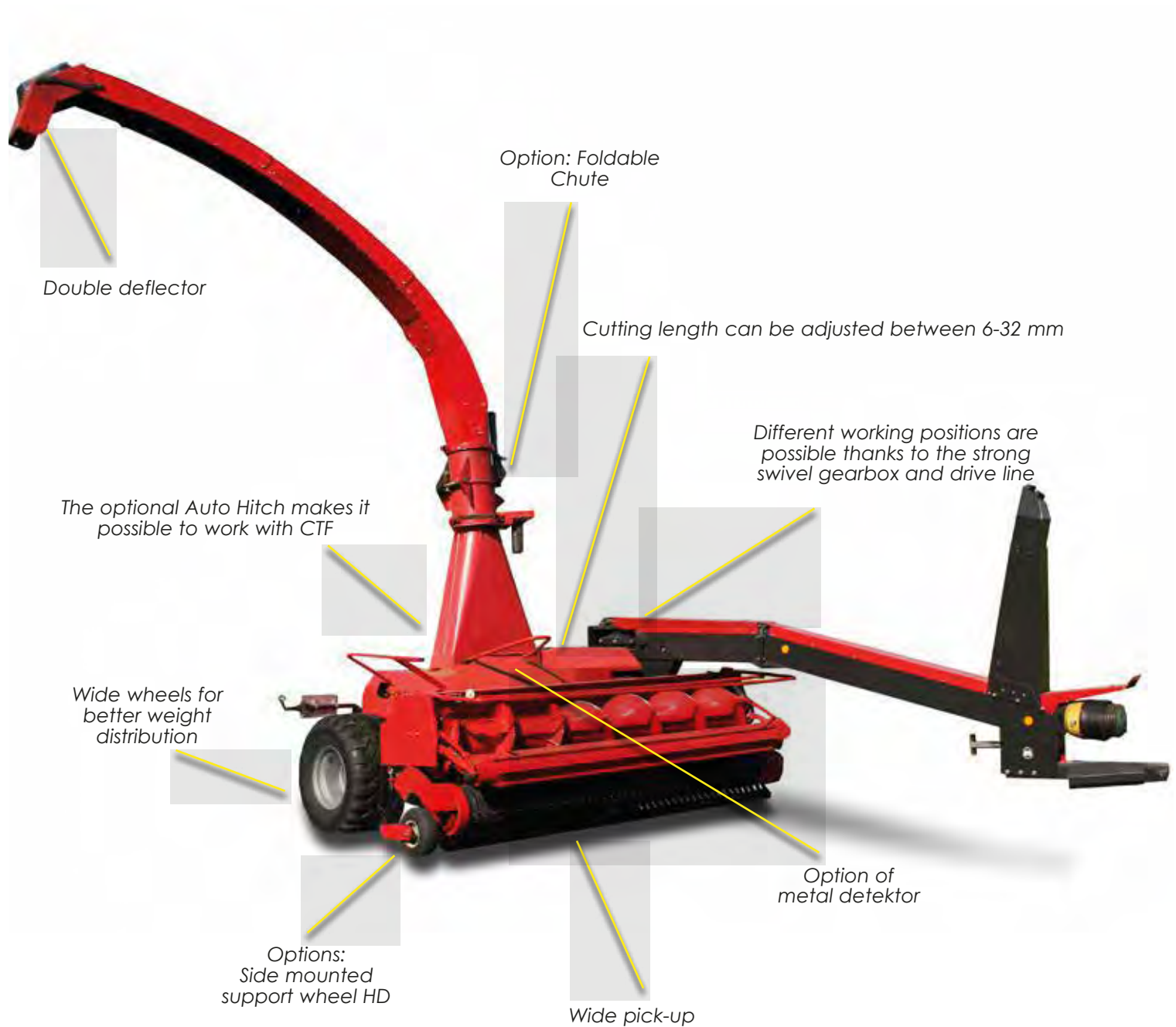


Turning the chute



Reversing of feed in and pick-up.

FCT 1260/1460 - high end forage harvesters



FCT 1260/1460



FCT 1260 and 1460 are Kongskilde's latest high-capacity forage harvesters.

These machines have a very strong but simple transmission and a very powerful feed intake. The result is a forage harvester with minimum maintenance and few repairs.

Features:

- The machines have wide feed intake and a large opening between. It means that you obtain the best possible utilization of the rotor width and chopping.
 - Wide pick-up of 2,5 and 3,1 m pu
 - The pick-up roller crop press gives a regular flow through the feed intake area ahead of the rotor. Blockages are minimized and a regular crop delivery from the chute is obtained.
- require less maintenance and power.
 - This working width enables it to pick up a swath in full width after e.g. the biggest rotary rake or the GXT with collector.
 - Ensures an even optimal flow and thereby increased capacity.



Drive shaft driven feed intake



Sectioned cutting rotor

Benefits:

- The power is distributed to the feed rollers by PTO shafts which



Wide pick-up roller

FCT 1260 /1460



Electro hydraulic controller.

FCT 1260, and 1460 are fully controlled by electro hydraulic functions. Only 1 DA oil outlet is required to operate the machines:

- Control of drawbar
- Reverse the feed roller direction
- Turning the chute
- Control of chute double deflector
- Auto Hitch (Option)

Features:

- The feed intake is driven via the feedroller gearbox. If the fct is equipped with metal detector the stop blocks the transmission and the foreign objects is stopped form entering into the chopping rotor. With the transmission drive the daily manitenance is low and gives the option of havening a number of cut length adjustments.

Benefits:

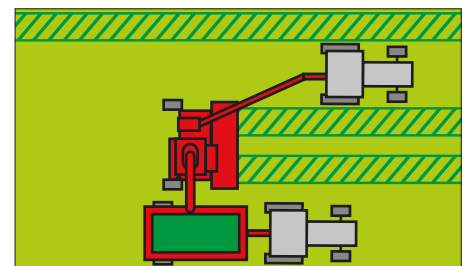
- You protect not only your machine but also the cows!



Reliable feedroller transmission

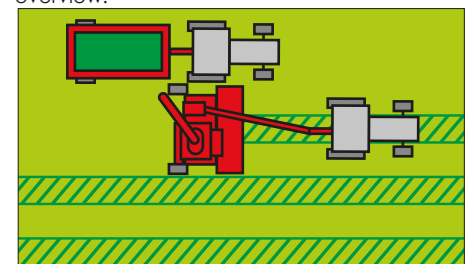


Metal detector.



Off-set

The precision chopper works offset. The pick-up is outside the width of the tractor. This technique is ideal for very wide swaths, or after assymetric swaths. This position is also ideal for sidelading, and you have a good overview.



In-line

The precision chopper is completely in-line with the tractor and the distance between the tractors is very small. This driving technique gives benefits in areas where CTF is becoming increasingly popular, to spare the field for driving e.g. by trailing wagon.

Options

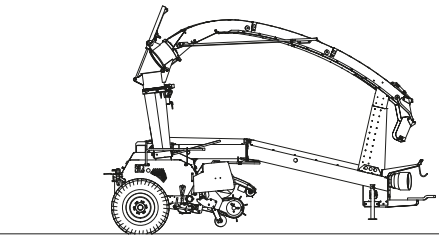
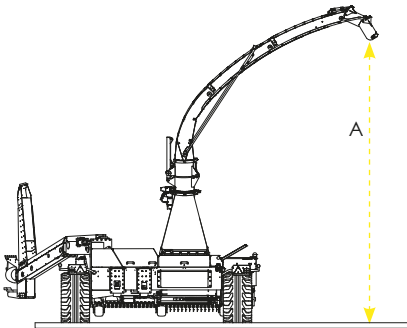
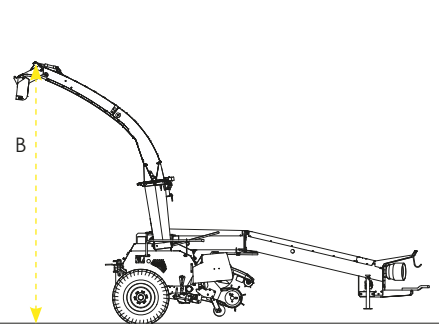


	Working side A	Transport B
1060 Basis	3.8 m	4.0 m
1060 Parallel	4.0 m	4.4 m
1060 Foldable	4.7 m	3.7 m
Extension for chute (equipment)	30 cm	

	Working side A	Transport B
1260 Basis	3.70 m	3.8 m
1260 Parallel	4.40 m	4.4 m
1260 Foldable	5.10 m	3.8 m
1460 Basis	3.7 m	3.8 m
1460 Parallel	4.1 m	4.4 m
1460 Foldable	5.1 m	3.8 m



Connection and disconnection of trailer
The automatic trailer pick up hitch is hydraulically released with the comfortable joystick. All FCT machines can be equipped with Auto Hitch.



Folding chute

Technical data



	FCT 1060	
Tractor, min. (kW/HP)	88/120	
Tractor, max. (kW/HP)	140/190	
PTO-type, standard	1 3/8" - 21 splines	
PTO (RPM)	1000	
Rotor width	720 mm	
Number of knives	24/32	
Cutting length, theoretical (mm)	8-16-(32)	
Transport width (m)	3,30	
Pick-up, m.	2,10	
Metal detector	Standard	
Wheel standard	14/65x16	
Machine control	Hydraulic	
Oil outlets	1 DA	
Weight (with pick-up)	2300	

	FCT 1260	FCT 1460
Tractor, min. (kW/HP)	103 /140	147/200
Tractor, max. (kW/HP)	206 / 280	206/280
PTO-type, standard	1 3/4 - 20	1 3/4 - 20 splines
PTO (RPM)	1000	1000
Rotor width	720 mm	900 mm
Number of knives	24 / 32	40
Cutting length, theoretical (mm)	21 / 15 (16-12)	6-8-12-16-(32)
Transport width (m)	3,0 (3,3)	3,57
Pick-up, m.	Option	Standard
Metal detector	13.5/75-430.9	500/50-17
Wheel standard	500/50-17	
Machine control	Hydraulic	Hydraulic
Oil outlets	1 DA	1 DA
Weight (with pick-up)	3600	3750



Subject to be changed without notice. GB/0220205RDC

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