Triple set

GXT range, working width 12.3 m

KONGSKILDE
Moving agriculture ahead

Cutter bar GXT

Large working widths increase the efficiency

The greatest possible efficiency is dependent on large working widths. Large working widths therefore require triple sets which according to the conditions are able to mow 10-20 hectare/hour. If you invest in a triple set you therefore invest in low price working hours.
Kongskilde has chosen to break new ground.
Kongskilde has constructed the trailed triple set GXT. By means of a unique trailed suspension and transport frame you obtain a machine which has large working width, small turning radius, good weight distribution and excellent maneuverability.

No compromise with the working quality
The triple sets from Kongskilde do not compromise with the working quality. The triple sets are equipped with the low smooth Kongskilde cutter bar and with a number of features, for example the pendulum suspension, which ensure gentle treatment of the feed and quick regrowth.

Cutter bar GXT and GXF

The GXT disc mowers are equipped with the unique smooth Kongskilde cutter bar, which is characterized by:

Features:

- Top Service
- Perfectly smooth underside
- Low cutter bar
- Well protected cutter bar from underneath and inside
- Q+ blades with long life
- Full-covering skids which protect the gearbox from underneath

Benefits:

- Spares the field and the crop during mowing and ensures quicker regrowth
- Ensures uniform stubble and a good flow in difficult conditions
- Longer life and lower costs

The Kongskilde cutter bar has a perfectly smooth bottom. The large bearing surface gives a low ground pressure.

With the Kongskilde cutter bar it is possible to leave a low and even stubble down to 40 mm since you can adjust the cutter bar to a low cutting angle of only 3°. You obtain a lower cut and thereby a uniform stubble height and a better flow in the machine.

The twisted Q+ blades are reversible and leave excellent stubble.
The blades are immensely strong and have a long working life.

The counter knife is 2 mm higher than the cover of the cutter bar

Q+ blades is standard.

Protection of the cutter bar. The cutter bar is well protected against damage. The skid acts as integrated stone guard.

The Top Service design of the cutter bar makes it possible to check and replace a gear wheel or bearing on each disc

GXT-P Conditioner

The GXT-P machines are equipped with Kongskilde´s effective PE finger conditioners.

The PE finger conditioner ensures quick drying of the grass and simultaneously preserves the wide spreading value.

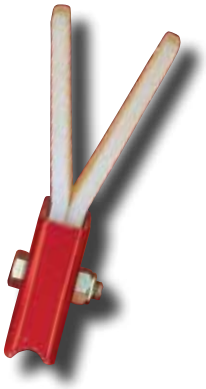
Features:

- Top Dry:
  With one handle the machine can be adjusted for wide spreading and additional conditioning.

- Easy maintenance:
  The PE-conditioner is operated with belt drive.

- Flexible PE fingers (sideways) can resist big stones and thereby prevent potential damage inside the machine if it collides with a big obstacle. Strong and stable conditioner in rotating direction, also in very heavy or thin amounts of crop.

- Long life: The PE-conditioners are of the "Y" finger type. They are made of polyethylene, are very hard-wearing and have a long life.
  The fingers are easy to replace.



Benefits:

- A dry matter content of 30%, which is normally used for making silage, is already achieved after 1 day in the wide but thin swath.

- Minimum maintenance.
  The belt drive also acts as a shock absorber and safeguards the transmission.

- Even swath all the time, higher quality feed which gives a higher output for the following milk production.

Control panel for GXT Collector.

GXT Top Dry is quickly and easily activated with the control panel from the cabin - Perfect for effective wide-spread.

Adjustment of the degree of conditioning on the PE-conditioner is made without tools!

Collector is not activated and the GXT can then make wide spreading.

Good maneuverability thanks to the trailed transport frame

Features:

- Small turning radius on headlands: GXT has a relatively small turning radius as the machine is equipped with power steering as standard. For example, it is only necessary that the headland is as wide as 2 machine widths in order for GXT to have enough space to turn on the headland.
- GXT has a transport width of only 3 m and the power steered trailed suspension and transport frame makes the machine very manoeuvrable. The low height of the machine also gives a good overview from the tractor during transport.
- It is possible to bring the GXT from transport position to maximum working width within 30 seconds. The conversion takes place hydraulically, with the tractor's own hydraulics, without use of complicated control panels. Conversion takes place from the tractor seat.

Benefits:

- Ensures a smooth operation both during transport and during work
- Transport through small passages and between fields is no problem.
- It is not necessary to leave the cabin.

Power steering on rear axle

Small transport width and good view, on picture shown wide tyres 3.30 m.

The change to transport from maximum working width is done in half a minute

The GXT triple mower with a working width of 12.3 meters

Kongskilde has constructed the world's first trailed triple set GXT. This allows the possibility of completely new standards for working widths – up to 12.3 m.
The GXT-combination is therefore your opportunity to achieving a more efficient and optimized operation.
With this trailed triple set it is possible to mow approx. 20 ha/h. This solution also has the advantage that the tractor can be used for other purposes outside the grass season, which makes the investment very cost effective compared to the self-propelled units.

Tyres
Options for wide tyres

Trailed suspension and transport frame
The most important characteristic of GXT is the patented trailed suspension and transport frame, which is equipped with power steering on the wheels. Therefore GXT is very maneuverable in the field, on headlands, in field corners and during transport.
The fact that GXT is trailed means low axle load since the weight of the machine is distributed on several axles.

VariFloat suspension
The machines have the VariFloat suspension system as standard. It insures low ground pressure, perfect ground following and the possiblility to adjust the ground pressure during operation.

Cutting units
The cutting units are pendulum suspended and equipped with the smooth and low Kongskilde cutter bar. Working quality is very good, even at high speeds.
GXT is available with and without conditioner. The conditioner machine can also be supplied with collector to optimize the machine chain.

Top Safe

Features:

- The drawbar is equipped with a safety device which compensates for the movements that arise when the tractor drives across a wheel track or some other unevenness in the ground.
- The stubble height is adjusted continuously and centrally on each cutting unit. The springs by the stubble height adjustment are used for the Top Safe function to raise the cutter bar and thus protecting it in case of collision with a stone or the like.

Benefits:

- Ensures a smooth operation both during transport and during work.
- Less impact on the cutter bars means reduction of costs.

Top safe ensures low impact on the cutter bar while driving with high speed.

Protection in case of collision.

Stubble height adjustment integrated with Top Safe.

Collector for GXT

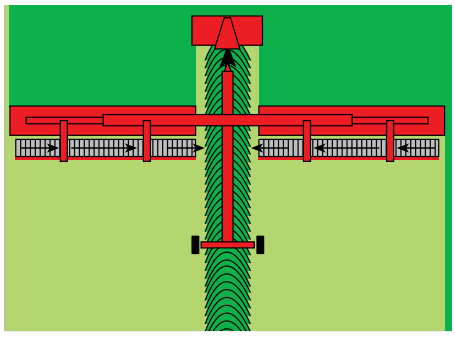
Collector ensures effective double swathing

Features:

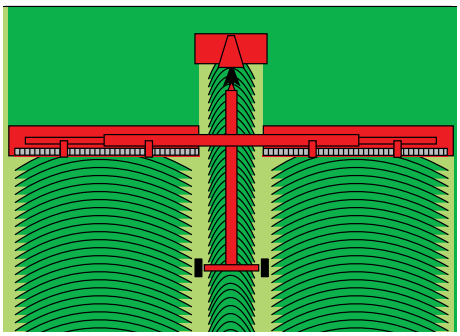
- Maximises Harvesting Capacity: The combination of the GXT and the Collector conveyor maximises harvesting capacity. With the Collector it is possible to lay a single swath from 12.3 m working width. This reduces operating costs because the swath can be picked up with a 3 m pick-up and therefore a rake is not required to create the most efficient swath for the following forage harvester.
- The Collector belts are operated hydraulically and are individually controlled from the tractor.
- Equipment for wide spreading is standard. The collector units are folded up and the Top Dry plate engaged. No tools are necessary.
- Depending on the conditions it is possible to collect a swath of 2.5 to 2.8 m from 12.3 m working width.

Benefits:

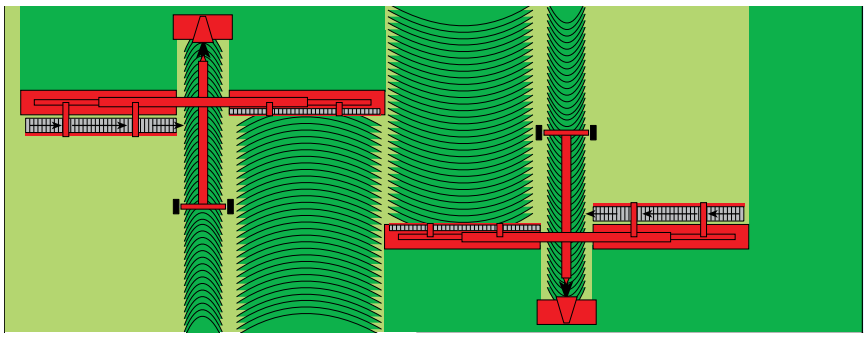
- Reduces loss of valuable crop, for example: young low-yielding grass, clover based grass leys, alfalfa and late autumn cuts.



Normal double swathing



If you do not want double swathing, the Collector belt can be deactivated.



One big wide-spread swath from a working width of 24 m, which can be raked into one swath.

GXF

Contour Float ensures good ground following

Features:

- Q+ - blades with long life.
- Kongskilde - cutter bar:
  - Low cutter bar
  - Perfectly smooth underside
  - Integrated stoneguard
- Contour Float:
  Sideways inclination of 12°.
  Vertical movement of up to 55 cm.
  The cutter bar tips back and forth (16°) so that is remains parallel to the ground.
  The cutting unit is suspended and trailed in a headstock. Contour Float thereby absorbs the impact and safeguards the machine, even at high speed.
- One hydraulic outlet.
- The suspension reduces damage on the cutter bar because of the parallelogram.

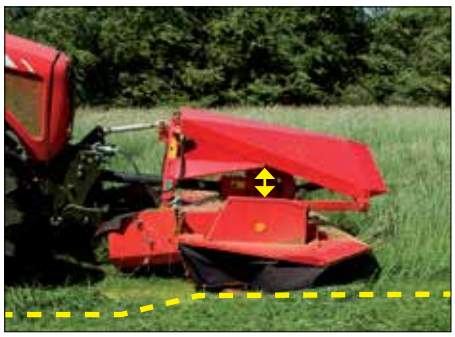
Benefits:

- Perfect ground following
- Reduces contamination of the feed
- Saves money and guarantees longer machine life

The machines are equipped with Contour Float which is Kongskilde's new system for ground contour following. The new system, Contour Float, gives the GXF front mower exceptionally good ground following abilities which ensure a good working quality and perfect stubble, even under difficult ground conditions.

Contour Float - Sideways following

Contour Float - even ground following


Contour Float - uneven ground following

Technical data

GXT models

	GXT 13005	GXT 13005 P	GXT 13005 P with Collector
Working width	12.30 m	12.30 m	12.30 m
Transport width, with standard wheels	2.99 m	2.99 m	2.99 m
Number of discs	26	26	26
Number of blades	52	52	52
Tractor, min.	147 kW/200 HP	191 kW/250 HP	220 kW/300 HP
PTO size	1 3/4 - 20	1 3/4 - 20	1 3/4 - 20
PTO, with free wheel	1000 rpm	1000 rpm	1000 rpm
Link arm category	III	III	III
Mounting	Trailed	Trailed	Trailed
Conditioner type	-	PE-fingers	PE-fingers
Oil outlets	2 SA + 1 DA	2 SA + 1 DA	2 SA + 1 DA + LS
Wheels (standard)	15.0/70-18	15.0/70-18	15.0/70-18
Weight	5840 kg	6400 kg	7700 kg

GXF models

	GXF 3205 P	GXF 3605 P
Working width (m)	3.15 m	3.55 m
Conditioner type	PE-fingers	PE-fingers
Swath width (m)	1.0 – 3.15 m	1.20 – 1.50 m
Suspension	Contour Float	Contour Float
Type of disc	Q+	Q+
Type of blade	Twisted blades	Twisted blades
Number of discs/blades	8/16	9/18
Tractor, min.	60 kW/82 HP	70 kW/95 HP
PTO size	1⅜ - 6 splines	1⅜ - 6 splines
PTO, with free wheel	1000 rpm	1000 rpm
Link arm category	A-frame	A-frame
Oil outlets	1 single acting	1 single acting
Weight	1180 kg	1260 Kg

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