

Clean cut

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Grassland machinery and
complete diet mixers

Kongskilde is innovation



Optimization of the implements from field to cow:
Kongskilde develop innovate and efficient solutions.

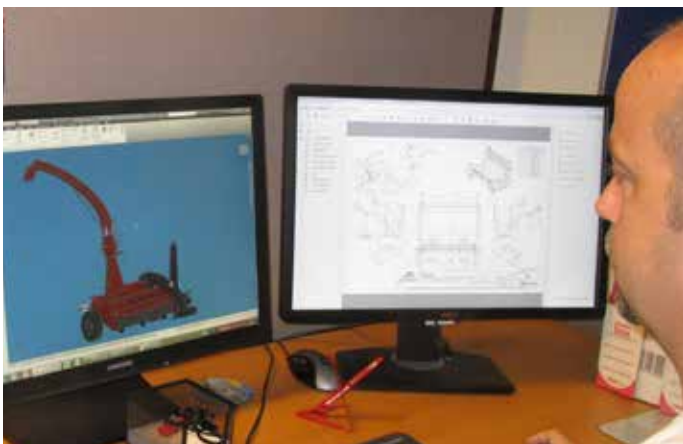


GXT 13005 P - working width 12.3 m.

Kongskilde is known for innovative products optimising the work on the farm, and improves the yield for milk producers. We offer a wide range of specialised machines for dairy farms from mowers, tedders, rakes, forage harvester to complete diet mixers. In short – We help to provide an efficient production of grass – from the grass on the field all the way to the cow.

Specialist in grass and feeding technology

Innovation is part of our DNA, which results in products like the worlds widest trailed mover suited for 12 m controlled traffic farming and customised complete diet mixers. Together with our other products is supports a fast and efficient conservation of the grass, with a high feed quality as the result. Our diet mixers can be equipped with ProFeed+ for efficient feed management, which helps to reduce the feed costs and ensures a uniform high feed quality.



Built to last



We focus on the requirements and expectations of the farmer, and durability and high wear resistance is something we pay high attention to from the beginning.

Our products are manufactured on some of the most modern farm machinery factories located in Poland and Sweden. We have organized a flexible production allowing us to provide the farmers with strong well made and tested products.

We follow and work according to high quality standards. As an example within surface treatment we provide durable and strong surfaces to prolong the life and appearance of our products. All components and raw material is specially selected for long lifetime

Innovation and experience goes hand by hand

Our solutions are developed and tested in a close relation with farmers and end-users, in order to ensure that the products meet the actual demands. At the same time we include experience from generations into our products, which ensure reliable solutions contributing better earnings for our customers



Mowers



Tedders



Forage Harvesters



Rakes



Complete diet mixers

3-point mounted mowers



Perfect cutter bar and perfect ground adaptation with Vari Float

The 3-point mounted GXS-machines extend good working quality with maximum comfort. This is due to the unique smooth and low Kongskilde cutter bar which ensures clean stubble and gives the crop an even flow through the machine, and the optimised ground adaptation because the GXS-machines have central hydraulic suspension. This ensures that the already low ground pressure is distributed evenly over the whole width of the cutting unit. This spares the fields and protects the plant "crown" to ensure quick regrowth. Besides, the GXS mowers have a number of other features, e.g. Easy Lift, which guarantee both working quality and comfort.

Perfectly smooth cutter bar

Originally, the smooth Kongskilde cutter bar was developed for Kongskilde's larger mowers and triple mower combinations with working widths of up to 12 metres. Now the smooth Kongskilde cutter bar has been introduced on all mowers from Kongskilde - irrespective of the working width.

The smooth bottom of the cutter bar protects the plant "crown" to ensure quick regrowth.

Furthermore, the Kongskilde cutter bar design allows the setting of a low cutting angle. Thereby it is possible to obtain low and even stubble. At the same time the crop flow is optimised and the result is a light and airy swath.

On the Kongskilde cutter bar stone-guard and guide shoes are integrated in the whole width of the cutter bar. This provides optimal protection of the gears of the cutter bar and ensures longer life.

Cutter bar shock protection is now standard on SMF, GXF, GXS, GXS triple and GXT.



Integrated stoneguard and guide shoes in the whole width of the cutter bar.




The smooth bottom and total cover of the Kongskilde cutter bar.

Disc Mowers

		
	SB	
	SB 2405	SB 2805
Type	Side mounted	Side mounted
Working width	2.40	2.80
Tractor, min. kW/HP	35/48	40/54
Conditioner	-	-

Disc Mowers

						
	GXS					
	GXS 2805	GXS 3205	GXS 3605	GXS 4005	GXS 2805 P	GXS 3205 P
Type	Side mounted	Side mounted	Side mounted	Side mounted	Side mounted	Side mounted
Working width	2.8	3.15	3.55	3.86	2.80	3.15
Tractor, min. kW/HP	45/57	50/68	60/81	66/90	54/73	66/90
Conditioner	-	-	-	-	PE-fingers	PE-fingers


GXS



With a GXS triple mower you can increase the capacity even more. A GXS 9005/9005 P triple mower together with a front mower has a working width of 8.60 m and a capacity of up to 15 ha/h.

The machine, which consists of two pendulum suspended cutting units with 8 discs each, has very low power consumption and can be operated with a 103 kW/140 HP tractor. The tractor's own hydraulics can be used to operate the machine.

The 3-point suspension is compact and stable and made of high-strength steel which means lower weight and less stress on the tractor. The GXS 9005 is available with or without conditioner.

		
	GXS	
	GXS 9005	GXS 9005 P
Type	Triple	Triple
Working width, m	8.4/8,6	8.4/8,6
Tractor, min. kW/HP	103/140	129/175
Conditioner	-	yes

Trailed disc mowers



Increased capacity with higher speed

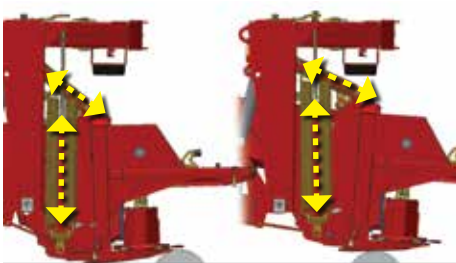
Kongskilde's range of trailed disc mowers was developed with focus on increased capacity and high working speed. This is achieved through optimal manoeuvrability and turning abilities. The mowers are equipped with a swivel gearbox which

allows quick turning and thus maximum use of working hours.

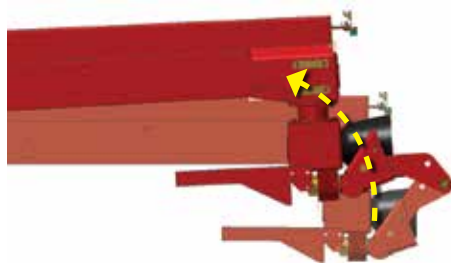
The high working speed demands high safety and one of the essential characteristics is the efficient safety system Top

Safe. The Kongskilde FLEX mowers are equipped with center drawbar. Hereby the field can be harvested from one side. Less driving time on the headland gives a capacity increase of about 15%

Top Safe




If the cutter bar hits a stone, the top spring is automatically compressed and the machine is lifted so that it can move undamaged over the obstacle.



If the obstacle is very large an adjustable extension link in the drawbar is activated and the machine is lifted even higher so that the obstacle is unlikely to stop the machine.

Trailed Mowers

		
	GMT Flex	
	GMT 3205 Flex	GMT 3605 Flex
Type	Central drawbar	Central drawbar
Working width	3.15	3.55
Tractor, min. kW/HP	70/95	75/102
Conditioner type	PE-fingers/rollers/steel fingers	PE-fingers/rollers/steel fingers

Quick conversion to wide spreading



Wide spreading - Top Dry - is activated by means of a handle – no tools are necessary. The handle folds down a deflector behind the conditioner. The grass is thereby in contact with the conditioner for a longer time when it is spread and therefore it dries extra quickly.



Trailed triple mover combination

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 up to 20 hectares/hour.

GXT 13005 covers 12,3 m working width and complies with controlled traffic farming, which is highly important in order to reduce traffic on the grass for improved yields. By means of a unique trailed suspension and transport frame you obtain a machine which has a large working width, small turning radius, good weight distribution and excellent manoeuvrability.



GXT Collector



Transport position



Vari Float

		
	GXT Triple	
	GXT 13005 P	GXT 13005 P Collector III
Type	Triple	Triple
Working width, m	12.30	12.30
Tractor, min. kW/HP	200/300	240/325
Conditioner	PE-fingers	PE-fingers



Front mowers

SMF and GXF are strong, front mounted disc mowers with excellent ground following abilities. The position of the disc allows the crop to be placed perfectly between the tractor wheels. The machines can be used in front/rear combinations.

Top Service

It is possible to check and replace a gear wheel or bearing at each disc in the cutter bar – without special tools. This ensures quick replacement of gear wheels without opening the entire gearbox. This means less time in the workshop.

Headstock

The cutting unit is drawn across the field by means of a headstock made of strong profile tubes.

In case of collision with a protruding obstacle the cutting unit moves back and upwards.

The shock from the collision is absorbed when the machine moves back and upwards. In this way possible damage is minimised and the obstacle is unlikely to stop the machine.

Perfect ground contour following with Contour Float

The GXF front mower is equipped with Contour Float, which gives the mower exceptionally good ground following abilities which ensure a good working quality and perfect stubble, even under difficult ground conditions. This is due to the flexibility that Contour Float gives the cutter bar.

- Sideways inclination of 12°
- Vertical movement of up to 55 cm
- The cutter bar tips back and forth so that it remains parallel to the ground.



Sideways inclination of 12°



Vertical movement of up to 55 cm.



The cutter bar tips back and forth so that it remains parallel to the ground.

			
	SMF	GXF-P	
	SMF 3005	GXF 3205 P	GXF 3605 P
Type	Front mounted	Front mounted	Front mounted
Working width, m	2.96	3.15	3.55
Tractor, min. kW/HP	44/60	60/82	70/95
Conditioner	-	PE-fingers	PE-fingers

Tedders and rakes



Gentle grass treatment

All rakes and tedders from Kongskilde are very solid and have been thoroughly tested. The machines are characterized by quick and easy operation.

High capacity rotary tedders

The rotary tedders are designed with movable joints and therefore always adapt to the conditions of the ground. Besides, the rotary tedders are equipped with asymmetric tines which are parallel to the ground. These characteristics ensure clean raking. The 2-rotor rakes are available as side-delivery rakes and centre swath rakes.

Unique ground adaptation and variable working width

The side-delivery rakes R+ 1410 S/1410 SB are designed on a Multi Link frame. This ensures perfect ground following on hilly ground.

Articulated 3-point headstock

All mounted rakes and tedders have articulated 3-point headstock which ensures excellent ground following abilities and manoeuvrability. Variable adjustment takes place from the driver's seat.



Articulated 3-point headstock.






Tedder Z 665 Hydro.





Rake R+ 365 with adjustable swath curtain.



Tedders

							
	Z Hydro			Z Pro		Z-1000	
	Z 455 H	Z 555 H	Z 665 H	Z 685 Pro	Z 765 Pro	Z 8805	Z 8805 T
Type	3-point	3-point	3-point	3-point	3-point	3-point	3-point
Working width, m	4.50	5.40	6.60	6.90	7.60	8.80	8.80
Tractor, min. kW/HP	18/23	22/30	25/34	50/68	60/82	60/82	30/40

Rakes with 1 rotor

							
	R 1 rotor					R+ 1 rotor	
	R 285 DS	R 315 DS	R 365 DS	R 420 DS	R 460 DS	R+ 420	R+ 460
Type	3-point	3-point	3-point	3-point	3-point	3-point	3-point
Working width, m	2.90	3.15	3.60	4.15	4.45	4.15	4.45
Tractor, min. kW/HP	15/20	15/20	18/25	26/35	33/45	26/35	33/45

Rakes with 2 rotors

				
	R 655		R+ 1410	
	R 655 DS	Drive R 655 ASL	R+ 1410 S	R+ 1410 SB
Type	3-point	Trailed	Trailed	Trailed
Working width, m	6.15-6.55	6.15-6.55	3.60-6.40	3.60-6.40
Tractor, min. kW/HP	44/60	30/40	30/40	30/40

		
	R+ 760 / R+ 820	
	R+ 760	R+ 820
Type	Trailed	Trailed
Working width, m	6.50-7.60	7.40-8.20
Tractor, min. kW/HP	30/40	40/55

A generation of unique trailed forage harvesters



Kongskilde's generation of trailed forage harvesters has been designed with particular focus on chopping quality, huge capacity and user-friendliness.

The FCT machines have been developed and designed with particular focus on strength, unique performance and user-friendliness under even the most demanding conditions. The best features of the previous models have been combined with a number of functions.

The chopping rotor increases the capacity of the well-known Upper Cut system without the need of a larger tractor. Furthermore, the pick-up roller crop press will help to increase the output by improving the flow through the feed intake area.

With the electro-hydraulic control it is also possible to control the foldable chute.

With this foldable chute 4 m high trailers can easily be loaded. All in all a better performance under demanding conditions.

Electro-hydraulic control box

On FCT 1060 ProTec all functions are controlled by a single control box (also on FCT 1260 and 1460).

The machines are equipped with an electro-hydraulic system in which all functions are gathered. This means easy access to all functions and you do not need extra control boxes if the machines are fitted with options.

Upper Cut system

All trailed forage harvesters from Kongskilde are equipped with the Upper Cut system which ensures low energy consumption.

The Upper Cut system throws the crop directly into the chute. It does not have to go through the rotor housing first, which reduces the power consumption.

Metal detector

FCT 1060 can be, and FCT 1260 and FCT 1460 is equipped with metal detector, which is a 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. A stop pawl will stop the feeding immediately, preventing the metal object to enter the chopping rotor.



The Upper Cut system.



Electro-hydraulic control box.



The chopping rotor is heavier and draws more air into the chute, which gives Upper Cut a capacity increase of up to 25% compared to previous designs. This means that blockages in the feed-intake section are minimised and a long and powerful throw of the crop from the chute is obtained.

Foldable chute means high loading height and low transport height

Kongsilde's high capacity forage harvester can be fitted with a foldable chute.

This gives a perfect combination of high loading height and low transport height (below 4.0 m).

With a hydraulic cylinder the chute can be folded for transport so that it rests on the drawbar. The transport height is thereby reduced to less than 4.0 m so that the chute will not potentially hit overhead obstructions e.g. trees, electric wires etc.

Forage harvesters

			
	FCT	FCT King Size	
	FCT 1060	FCT 1260	FCT 1460
Type	Trailed	Trailed	Trailed
Tractor, Min. kW/HP	88/120	110/150	147/200
Tractor, Max. kW/HP	147/200	206/280	206/280
Pick-up width, m	1.8/2.1	2.6	3.1
Metal detector	Option	Option	Standard
Foldable Chute	Option	Option	Option

The leading manufacturer of complete diet mixers in Northern Europe



Kongskilde offers a full range of complete diet mixers.

Kongskilde is the biggest and also the leading supplier of complete diet mixers in Northern Europe. The major part of the production is exported all over the world. As there are many different markets, Kongskilde has built up a large and wide product range of vertical auger mixers.

This means that Kongskilde today offers complete diet mixers with capacities for 35-350 dairy cows, available with cross conveyor or discharge doors. Furthermore, Kongskilde offers a wide range of optional equipment.

Mixing and feeding according to the TMR principle (Total Mixed Ration) is gaining ground, also for smaller herds. Therefore Kongskilde now offers a range of complete diet mixers which are narrow and extraordinarily low for farmers with these needs. The low height is also an advantage when loading with e.g. a skid steer loader.



Kongskilde's vertical augers

The most hard-wearing diet mixers on the market



Kongskilde use high strength steel

Kongskilde is the first producer of complete diet mixers who has taken the step and introduced high strength steel S500/650 in the production of diet mixers. The use of high strength steel is especially important in connection with the auger windings and the first 50 cm of the tub walls, which are the parts that are exposed to the hardest wear.

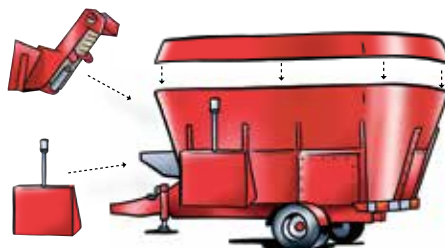
Great flexibility

– also after you have purchased

The Kongskilde complete diet mixer is constructed by means of a modular system which enables you to choose exactly the solution that suits your needs. If your needs change after you have purchased a Kongskilde complete diet mixer, due to a new barn, more livestock etc. the mixer can subsequently be modified.

Wireless weighing system is standard

Feed Manager is a wireless weighing system which consists of a main terminal and a hand terminal which receives weight information from the complete diet mixer wirelessly. In addition to this, the complete diet mixer can be updated with ProFeed+ which can transfer feed data and feed plans wirelessly between complete diet mixer and PC.



Feed Manager.





Complete diet mixers with 1 vertical auger



VM complete diet mixer with 1 vertical auger

					
	VM-1 S with doors			VM-1 S C with doors	
Type	VM 6.5-1 S	VM 8-1 S	VM 10-1 S	VM 8-1 S C	VM 10-1 S C
Volume, level load, m³	6.5	8	10	8	10
Discharge	Side doors	Side doors	Side doors	Corner doors	Corner doors
Tractor, min. kW/HP	35/48	40/54	45/61	40/54	45/61
1 load of feed covers the daily need (8000 kg ECM/cow/year), for:	35-45 cows	45-55 cows	55-70 cows	44-55 cows	55-70 cows

VM complete diet mixer with 1 vertical auger

						
	VM-1 S L with doors			VM-1 with doors		
Type	VM 6.5-1 S L	VM 8-1 S L	VM 10-1 S L	VM 10-1	VM12-1	VM 14-1
Volume, level load, m³	6,5	8	10	10	12	14
Discharge	Side doors	Side doors	Side doors	Side doors	Side doors	Side doors
Tractor, min. kW/HP	35/48	40/54	45/61	50/68	55/75	60/82
1 load of feed covers the daily need (8000 kg ECM/cow/year), for:	35-45 cows	45-55 cows	55-70 cows	55-65 cows	70-85 cows	80-95 cows

VM complete diet mixer with 1 vertical auger

						
	VM-1 B with cross conveyor			VM-1 B Multi		
Type	VM 10-1 B	VM 12-1 B	VM 14-1 B	VM 10-1 B M	VM 12-1 B M	VM 14-1 B M
Volume, level load, m³	10	12	14	10	12	14
Discharge	Conveyor	Conveyor	Conveyor	Conveyor	Conveyor	Conveyor
Straw bedding equipment front	-	-	-	standard	standard	standard
Tractor, min. kW/HP	50/68	55/75	60/82	50/68	55/75	60/82
1 load of feed covers the daily need (8000 kg ECM/cow/year), for:	55-70 cows	67-85 cows	80-100 cows	55-70 cows	67-85 cows	80-100 cows



Complete diet mixers with 2 vertical augers


VM complete diet mixer with 2 vertical augers

									
	VM-2 S with doors					VM-2 S L with doors			
Type	VM 12-2 S	VM 14-2 S	VM 16-2 S	VM 18-2 S	VM 20-2 S	VM 14-2 S L	VM 16-2 S L	VM 18-2 S L	VM 20-2 S L
Volume, level load, m³	12	14	16	18	20	14	16	18	20
Discharge	Side doors	Side doors	Side doors	Side doors	Side doors	Side doors	Side doors	Side doors	Side doors
Tractor, min. kW/HP	56/75	60/82	65/88	70/95	74/100	60/82	65/88	70/95	74/100
1 load of feed covers the daily need (8000 kg ECM/cow/year), for:	60-84 cows	80-100 cows	93-120 cows	105-135 cows	115-150 cows	80-100 cows	93-120 cows	105-135 cows	115-150 cows

VM complete diet mixer with 2 vertical augers

				
	VM-2 SB with cross conveyor			
Type	VM 14-2 SB	VM 16-2 SB	VM 18-2 SB	VM 20-2 SB
Volume, level load, m³	14	16	18	20
Discharge	Conveyor	Conveyor	Conveyor	Conveyor
Tractor, min. kW/HP	60/82	65/88	70/95	74/100
1 load of feed covers the daily need (8000 kg ECM/cow/year), for:	80-100 cows	93-120 cows	105-135 cows	115-150 cows


VM complete diet mixer with 2 vertical augers

								
	VM-2 SB Multi				VM-2 with doors			
Type	VM 14-2 SB M	VM 16-2 SB M	VM 18-2 SB M	VM 20-2 SB M	VM 20-2	VM 22-2	VM 27-2	VM 30-2
Volume, level load, m³	14	16	18	20	20	22	27	30
Discharge	Conveyor	Conveyor	Conveyor	Conveyor	Side doors	Side doors	Side doors	Side doors
Straw bedding equipment front	Standard	Standard	Standard	Standard	-	-	-	-
Tractor, min. kW/HP	60/82	65/88	70/95	74/100	80/108	85/115	95/130	100/136
1 load of feed covers the daily need (8000 kg ECM/cow/year), for:	80-100 cows	93-120 cows	105-135 cows	115-135 cows	115-165 cows	125-165 cows	156-195 cows	175-220 cows




Complete diet mixers with 2 vertical augers

VM complete diet mixer with 2 vertical augers


				
	VM-2 B with cross conveyor			
Type	VM 20-2 B	VM 22-2 B	VM 27-2 B	VM 30-2 B
Volume, level load, m³	20	22	27	30
Discharge	Conveyor	Conveyor	Conveyor	Conveyor
Straw bedding equipment front	-	-	-	-
Tractor, min. kW/HP	80/108	85/115	95/130	100/136
1 load of feed covers the daily need (8000 kg ECM/cow/year), for:	115-150 cows	125-165 cows	156-195 cows	175-220 cows

Complete diet mixers with 3 vertical augers

VM complete diet mixer with 3 vertical augers

				
	VM-3 S with doors			
Type	VM 21-3 S	VM 24-3 S	VM 26-3 S	VM 28-3 S
Volume, level load, m³	21	24	26	28
Discharge	Side doors	Side doors	Side doors	Side doors
Tractor, min. kW/HP	85/115	90/122	100/136	105/143
1 load of feed covers the daily need (8000 kg ECM/cow/year), for:	120-155 cows	135-185 cows	155-195 cows	160-210 cows



VM complete diet mixer with 3 vertical augers

				
	VM-3 SB with cross conveyor			
Type	VM 21-3 SB	VM 24-3 SB	VM 26-3 SB	VM 28-3 SB
Volume, level load, m³	21	24	26	28
Discharge	Conveyor	Conveyor	Conveyor	Conveyor
Tractor, min. kW/HP	85/115	90/122	100/136	105/143
1 load of feed covers the daily need (8000 kg ECM/cow/year), for:	120-135 cows	135-185 cows	155-195 cows	160-143 cows



Complete diet mixers with 3 vertical augers

VM complete diet mixer with 3 vertical augers

								
	VM-3 with doors				VM-3 B with cross conveyor			
Type	VM 29-3	VM 32-3	VM 38-3	VM 45-3	VM 29-3 B	VM 32-3 B	VM 38-3 B	VM 45-3 B
Volume, level load, m³	29	32	38	45	29	32	38	45
Discharge	Side doors	Side doors	Side doors	Side doors	Conveyor	Conveyor	Conveyor	Conveyor
Tractor, min. kW/HP	95/130	100/135	110/150	120/162	95/130	100/135	110/150	120/162
1 load of feed covers the daily need (8000 kg ECM/cow/year), for:	170-215 cows	190-240 cows	220-280 cows	260-350 cows	170-215 cows	190-240 cows	220-280 cows	260-350 cows



Subject to change without notice. - 300007181 EXP/C8/Clean Cut/BRO/0620

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