

Mounted disc mowers



GXS
GXS P
GXS Triple
GXF



Cutter bar GXS



The GXS disc mowers are equipped with the unique smooth JF 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:

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

With the JF 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+ disc with twisted Q+ blades



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

GXS without Conditioner / Easy Lift



New range of pendulum suspended disc mowers

Features:

- Strength and reliability
- Quick change knives
- Higher comfort and capacity
- Mechanical/hydraulic suspension of the cutting unit
- High clearance from ground to gearbox
- Adjustable Easy Lift
- Pendulum suspension

Benefits:

- Easy to pass a mown swath
- Ensures that low ground pressure is distributed evenly over the whole width of the cutting unit
- Not necessary to lift the link arms and you avoid deviation of the PTO shafts with risk of vibrations that may reduce the life.

Adjustable Easy Lift

Easy Lift means that the lift cylinder lifts the machine off the ground during headland turns. The height of the headland lift can be adjusted continuously.



The GXS-machines have centre suspension which ensures good ground adaptation



Adjustable Easy Lift, easy and fast to manoeuvre the machine



High clearance from ground to gearbox

GXS-P with Conditioner

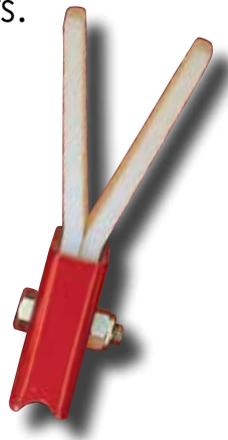


The GXS-P machines are equipped with JF's effective PE finger conditioners.

The PE finger conditioner ensures quick drying of the grass and simultaneously preserves the fodder 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.



GXS -P Top dry is activated without tools and ideal for efficient wide spreading

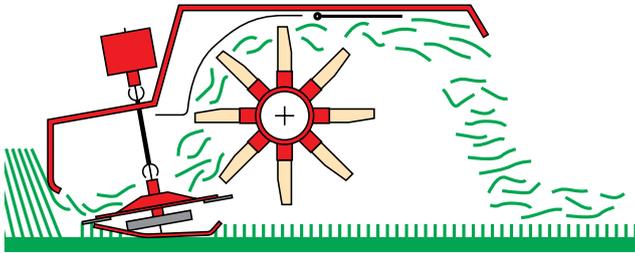


Adjustment of the degree of conditioning on the PE-conditioner is made without tools!

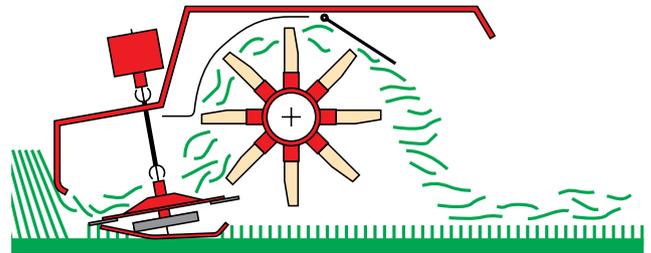


Top Dry activation

Top Dry



Top Dry is not activated



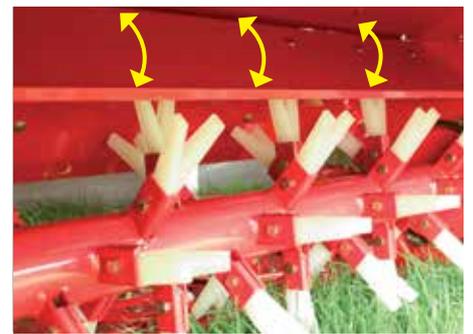
Top Dry is activated

Top Dry is the name of JF's simple, but efficient system for wide spreading. If Top Dry is activated, the grass is spread over 80 % of the working width and conditioning is increased.

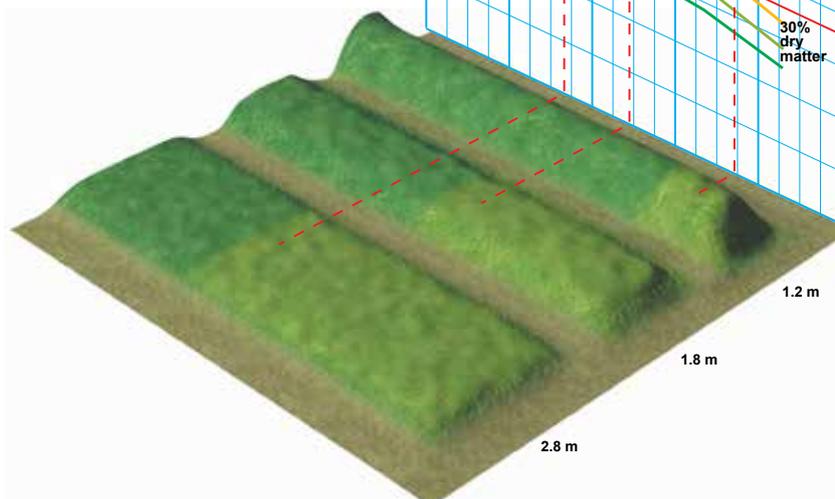
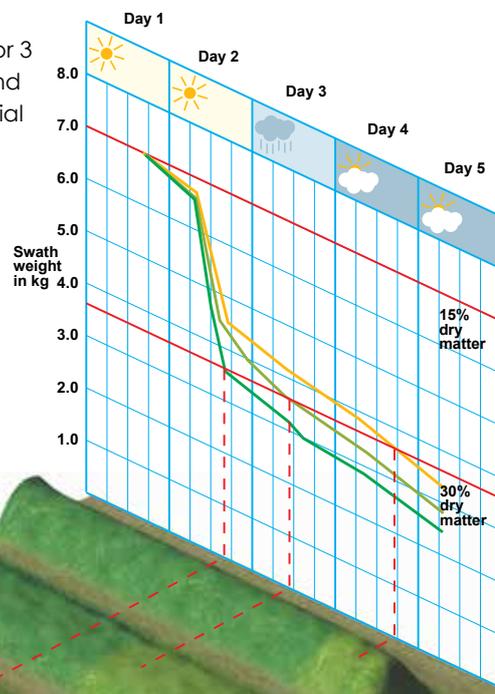
JF has examined the relation between swath width and drying speed and proved that a wide but thin swath provides the most efficient drying.

The graph shows the drying process for 3 different swath widths: 2.8 m, 1.8 m and 1.2 m. In the beginning the test material has a dry matter content of 15 % and weighs 7 kg per metre.

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. The same degree of dryness is only achieved after 3 days in the very narrow and thick swath.



Top Dry



GXS mechanical / hydraulic suspension Vari Float



Features:

- The ground pressure is adjusted without tools. The pendulum suspension distributes the ground pressure evenly across the whole working width.
- GXS Vari Float is with hydraulic suspension and apart from this the machine has the same features as the GXS with mechanical relief. The cutting unit is relieved by a hydraulic cylinder.
- It is possible to see from the cabin the actual pressure on the field and thereby adjust it to optimal ground following.
- 1 single acting cylinder, which gives the opportunity to lower the ground pressure down to app. 0 kg.

Benefits:

- Makes it possible to adjust the ground pressure and ground following from the tractor seat during operation.
- Perfect clean cut. Spares the field and the crop and ensures quick regrowth.



Standard transport position



Hydraulic suspension



A Manometer shows the ground pressure

Protection of the gearbox



Features:

- Mechanical stone release:
This is a new unique patented stone release from JF. With the rubber unit on the top you can adjust the stone release continuously. There are no pawls that can be worn.
- Hydraulic stone release:
The hydraulic stone release gives you the utmost safety and can be controlled during work. In addition the hydraulic stone release gives you the feature of more than one transport option.
- Automatic transport safety device
When the cutting unit is raised an automatic transport safety device is activated, which fixes the machine during transport and driving on headlands.
- Different transport options:
 - Lateral vertical fold
 - Rear vertical fold
(requires hydraulic stone release)
 - Rear horizontal fold
(requires hydraulic stone release)

Benefits:

- You don't have to leave the cabin to change from work to transport position. The machine is user friendly and offers first class comfort.
- Gives a lot of opportunities and a good weight distribution, especially in hilly conditions.

Perfect view to the rear when driving on the road.



Mechanical stone release



Hydraulic stone release



Automatic transport safety device

GXS-Triple



Features:

- 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. GXS 9005 is available with or without conditioner.

Benefits:

- Triple set means increased capacity
- Only one cutting unit: If you wish to work with only one cutting unit it is possible by using the tractor's own hydraulics for this purpose. Thereby you avoid secondary cutting of already mown material.



Adjustment of conditioner plate



3-point suspension



Working with one cutting unit



Transport position



Contour Float ensures good ground following

Features:

- Q+ quick replacement of blades.
- JF cutter bar:
 - Low cutter bar
 - Smooth bottom
 - 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 it 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

GXF is the latest generation of front mowers from JF. The machines are equipped with Contour Float which is JF'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



	GXS 2805	GXS 3205	GXS 3605	GXS 4005
Working width	2.80m	3.15 m	3.55 m	3.86 m
Conditioner type	Springs / Vari Float	Springs / Vari Float	Vari Float	Vari Float
Swath width	2.20 m	2.60 m	2.95	3.30
Top Dry (wide spreading)	-	-	-	-
Type of disc	Q+	Q+	Q+	Q+
Type of blade	Twisted blades	Twisted blades	Twisted blades	Twisted blades
Number of discs/blades	7/14	8/16	9/18	10/20
Easy Lift	Yes	Yes	Yes	Yes
Tractor, minimum	42 kW/57 HP	51 kW/70 HP	60 kW/81 HP	66/90 HP
Power take-off	1% - 6 splines	1% - 6 splines	1% - 6 splines	1% - 6 splines
PTO	540/1000 rpm	540/1000 rpm	1000 rpm	1000 rpm
Link arm category	II	II	III	III
Oil outlets	1 double-acting	1 double-acting	1 double-acting	1 double-acting
Weight	760 kg	840 kg	940 kg	1060 Kg

	GXS 2405 P	GXS 2805 P	GXS 3205 P
Working width	2.40 m	2.80 m	3.15 m
Conditioner type	PE-fingers	PE-fingers	PE-fingers
Swath width	1.0 - 2.20 m	1.20 - 2.50 m	1.20 - 2.80 m
Top Dry (wide spreading)	2.20 m	2.50 m	2.80 m
Type of disc	Q+	Q+	Q+
Type of blade	Twisted blades	Twisted blades	Twisted blades
Number of discs/blades	6/12	7/14	8/16
Easy Lift	Yes	Yes	Yes
Tractor, minimum	44 kW/60 HP	54 kW/73 HP	66 kW/90 HP
Power take-off	1% - 6 splines	1% - 6 splines	1% - 6 splines
PTO	540/1000 rpm	1000 rpm	1000 rpm
Link arm category	II	II	III
Oil outlets	1 double-acting	1 double-acting	1 double-acting
Weight	960 kg	1060 kg	1140 kg



	GXS 9005	GXS 9005 P
Working width	8.4 m* / 8.6 m*	8.4 m* / 8.6 m*
Transport width	3.0 m	3.0 m
Conditioner	-	yes
Swath width	2 x 2,8 m	2 x 2,8 m
Type of disc	Q+	Q+
Number of discs/blades	16/32	16/32
Tractor, min.	103 kW/140 HP**	129 kW/175 HP**
PTO, size - type	1 $\frac{1}{2}$ - 6 splines	1 $\frac{1}{2}$ - 6 splines
PTO, rpm	1000 rpm	1000 rpm
Link arm category	III	III
Oil outlets	2 single-acting	2 single-acting
Lighting kit	Standard	Standard
Weight (without front machine)	1800 kg	2250 kg

*) The working width implies a combination with a front mower.

**) Minimum tractor size is including front mower

	GXF 3205 P	GXF 3605 P
Working width	3.15 m	3.55 m
Conditioner type	PE-fingers	PE-fingers
Swath width	1.0 – 3.15 m	1.20 – 3.55 m
Suspension	Contour Float	Contour Float
Type of disc	Q+	Q+
Number of discs/blades	8/16	9/18
Tractor, minimum	60 kW/82 HP	70 kW/95 HP
Power take-off	1 $\frac{1}{2}$ - 6 splines	1 $\frac{1}{2}$ - 6 splines
PTO, with free wheel	1000 rpm	1000 rpm
Link arm category	A-frame	A-frame
Oil outlets	1 double-acting	1 double-acting
Weight	1180 kg	1260 Kg

