

**JF-STOLL**

## Lift suspended disc mowers

The GX-series · Working width 2.40 – 3.15 m





The GX-machines have center suspension which ensures good ground adaptation.

## Improved working quality and optimized ground adaptation

The GX-machine extends good working quality with maximum comfort. This is partly due to a unique smooth and low cutter bar which ensures a clean stubble and gives the crop an even flow through the machine, and partly the optimized ground adaptation. Besides, the machine has a number of other features which ensure both working quality and comfort.

### Perfect ground adaptation

The pendulum suspension of the GX-machines ensures that the already low ground pressure is distributed evenly over the whole width of the cutting unit. This



saves the fields and the grass roots and ensures quick re-growth. With the center suspension you also avoid strong lateral forces on the tractor. A counter spring

keeps the cutting unit steady when lifting and turning on headlands.



### Combine with a front machine and obtain larger working width

If you need to optimize your harvest further a larger working width could be the answer.

The GX-machine can be combined with a GD front mower. The GD front mower is equipped with the same cutter bar as the GX-machines and has furthermore a unique contour suspension which ensures that the cutter bar follows the ground.

Working widths over 6 m can be obtained with JF-STOLL's GX triple set (see separate leaflet or [www.jf-stoll.com](http://www.jf-stoll.com)).

A working width of approx. 6 meter can be achieved with a front-rear combination with GD 3205 F and GX 3205 For further information, see separate leaflet or [www.jf-stoll.com](http://www.jf-stoll.com)

# Lift suspended disc mowers

## Disc mower without conditioner

### GX 2805

Working width: 2.80 m

### GX 3205

Working width: 3.15 m



## Disc mower with finger conditioner

### GX 240 SM

Working width: 2.40 m

### GX 2405 SM

Working width: 2.40 m

### GX 2805 SM

Working width: 2.80 m

### GX 3205 SM

Working width: 3.15 m



## Disc mower with rollers

### GX 2402 SC

Working width: 2.40 m

### GX 2802 SC

Working width: 2.80 m

*The machines with rollers are specified alternatively. See technical specifications on the rear page.*



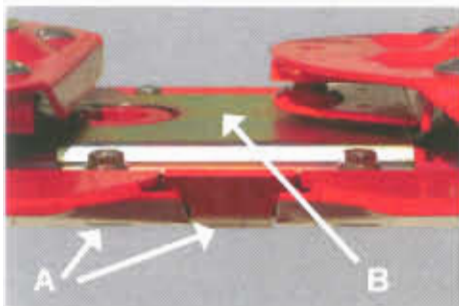
# The cutter bar that gives the perfect stubble



The cutter bar inclination of 3° gives the possibility of a low and clean stubble.

## The cutter bar gives a low and clean stubble

The machine is equipped with a cutter bar that sets new standards when it comes to stubble height. With the low cutter bar it is possible to leave an even stubble down to 40 mm – without stripes. If an extra high stubble is desired the cutter bar can be fitted with extra high guide shoes.



## Protection of the cutter bar

The cutter bar is well protected against damage. The skid acts as integrated stone guard (A) and the cutter bar is furthermore protected by a 4 mm thick "Top Cover" (B).

## Quick'n Safe means quick replacement of blades

The Quick'n Safe discs ensure quick and easy replacement of blades. Just one single push downwards with the special lever and the blade is free and can be replaced.



Quick replacement of blades



## Top Service

The Top Service design of the cutter bar makes it possible to check and replace a gear wheel or bearing on each disc module – without special tools.

A specially pre-milled line of fracture in the disc drive shaft ensures that should a sudden obstacle be hit by the discs, secondary time consuming damage is eliminated.



## Quick'n Safe blades with long life

The twisted Quick'n Safe blades are reversible and leave an excellent stubble. The blades are immensely strong and have a long working life.



GX-SC and GX 240 SM are equipped with profile blades that are mounted with ordinary knife bolts.



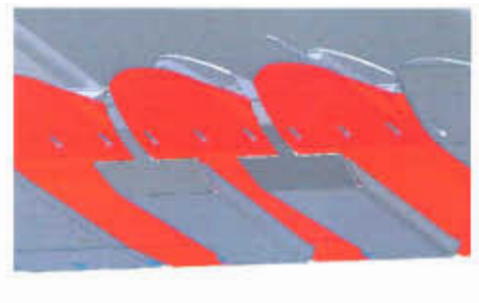
## Extra smooth cutter bar

Stone guard and skid are integrated. Therefore, the cutterbar is extremely low and smooth.



## Regular flow

The outer discs are equipped with a cylindrical transport rotor which ensures a clean edge at the unmown grass.



## Extra high guide shoes

With extra high guide shoes a higher stubble can be obtained.



The angles of the PTO shafts are constant when turning on headland.

## High comfort and safety



### Easy Lift safeguards the machine

Easy Lift can best be characterized as headland lift – by means of a cylinder the machine is lifted off the ground during headland turns. This means that it is not necessary to lift the link arms and you avoid deviation of the PTO shafts with risk of vibrations that may reduce the life.



### Low ground pressure

The cutting unit is relieved by means of springs which quickly react to irregularities in the field. The ground pressure is changed by adjusting the height of the link arms. An indicator shows the ideal ground pressure. The springs determining the ground pressure are factory set on the production line.



### Protection against stones and irregularities

The mower is protected against stone damage by a break-away mechanism (A). If the machine hits a stone it will swivel approx. 30° backwards to avoid damage. The wire (B) prevents the PTO shaft from dividing in the middle while driving on hilly ground.



### Easy connection

When the machine is connected it is not necessary for the link arms of the tractor to be level. The machine has automatic height adjustment. The machine is safely parked on the stable jack.



### Small transport width

During transport the machine is swivelled behind the tractor and is kept within the width of the tractor. The weight distribution is equal on both rear wheels, which ensures safe transport characteristics.



### 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.

# Effective grass treatment that reduces the drying time



## 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.

The GX-SM machines are equipped with JF-STOLL's effective PE finger conditioners. The PE finger conditioner ensures quick drying of the grass and simultaneously preserves the fodder value.

## Better flow

JF-STOLL's conditioners cover 85 % of the working width, which means possibility of high driving speed and thus high capacity. In most cases a higher speed will also result in a better flow and better shaping of the swath. This again means better flow with fewer stoppages and thus higher capacity for the following precision chopper or baler.

## Easy maintenance

The PE-conditioner is operated with belt drive which means minimum maintenance. The belt drive also acts as a chock absorber and safeguards the transmission.



## Top Roller

The GX-SC machines are equipped with Top Roller which is a roller conditioner system. Top Roller is handling alfalfa, clover and grass very gentle so that the fodder value is preserved. The system consists of 2 strong chain-driven rollers with high rubber profiles. These rollers are synchronised so that their mesh is always correct, also if the crop is pushing the rollers away from each other.

## Preservation of fodder value

The conditioner bruises the stems and creates an airy swath – thus reducing the drying time. At the same time the fodder value of the crop is preserved.



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



*JF-STOLL's patented Auto Synchro System is ensuring that the mesh of the conditioner rollers is always correct (GX-SC).*

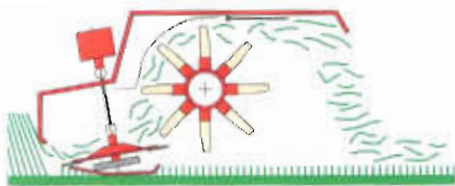


*The GX-SM models are equipped with JF-STOLL's strong and effective PE finger conditioners.*

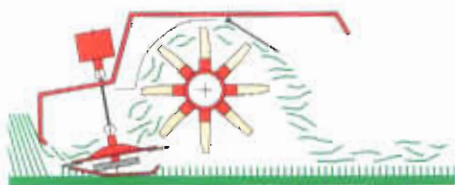


With Top Dry GX-SM is ideal for efficient wide spreading

# Wide spreading with Top Dry



Top Dry is not activated

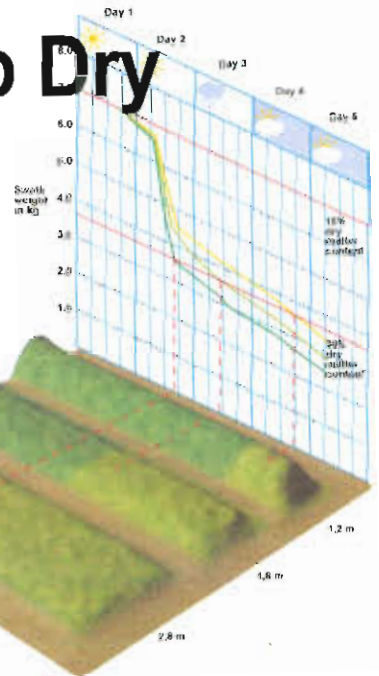


Top Dry is activated

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

JF-STOLL 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.



## Activation of Top Dry

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



## Technical data

|                          | GX 2805           | GX 3205           | GX 2402 SC <sup>*)</sup> | GX 2802 SC <sup>*)</sup> |
|--------------------------|-------------------|-------------------|--------------------------|--------------------------|
| Working width            | 2.80 m            | 3.15 m            | 2.40 m                   | 2.80 m                   |
| Conditioner type         | -                 | -                 | Rollers                  | Rollers                  |
| Swath width              | 2.20 m            | 2.60 m            | 1.0 - 2.2 m              | 1.2 - 2.6 m              |
| Top Dry (wide spreading) | -                 | -                 | -                        | -                        |
| Type of disc             | Quick'n Safe      | Quick'n Safe      | HDS                      | HDS                      |
| Type of blade            | Twisted blades    | Twisted blades    | Profile blades           | Profile blades           |
| Number of discs/blades   | 7/14              | 8/16              | 6/12                     | 7/14                     |
| Easy Lift                | Yes               | Yes               | Yes                      | Yes                      |
| Tractor, minimum         | 42 kW/57 HP       | 51 kW/70 HP       | 44 kW/60 HP              | 54 kW/73 HP              |
| Power take-off           | 1 1/2 - 6 splines | 1 1/2 - 6 splines | 1 1/2 - 6 splines        | 1 1/2 - 6 splines        |
| PTO                      | 540/1000 rpm      | 540/1000 rpm      | 540/1000 rpm             | 540/1000 rpm             |
| Link arm category        | II                | II                | II                       | III                      |
| Oil outlets              | 1 double-acting   | 1 double-acting   | 1 double-acting          | 1 double-acting          |
| Weight                   | 760 kg            | 840 kg            | 950 kg                   | 1080 kg                  |

|                          | GX 240 SM <sup>**)</sup> | GX 2405 SM        | GX 2805 SM        | GX 3205 SM        |
|--------------------------|--------------------------|-------------------|-------------------|-------------------|
| Working width            | 2.40 m                   | 2.40 m            | 2.80 m            | 3.15 m            |
| Conditioner type         | PE-fingers               | PE-fingers        | PE-fingers        | PE-fingers        |
| Swath width              | 1.0 - 2.0 m              | 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             | HDS                      | Quick'n Safe      | Quick'n Safe      | Quick'n Safe      |
| Type of blade            | Profile blades           | Twisted blades    | Twisted blades    | Twisted blades    |
| Number of discs/blades   | 6/12                     | 6/12              | 7/14              | 8/16              |
| Easy Lift                | -                        | Yes               | Yes               | Yes               |
| Tractor, minimum         | 44 kW/60 HP              | 44 kW/60 HP       | 54 kW/73 HP       | 66 kW/90 HP       |
| Power take-off           | 1 1/2 - 6 splines        | 1 1/2 - 6 splines | 1 1/2 - 6 splines | 1 1/2 - 6 splines |
| PTO                      | 540/1000 rpm             | 540/1000 rpm      | 1000 rpm          | 1000 rpm          |
| Link arm category        | II                       | II                | II                | III               |
| Oil outlets              | 1 double-acting          | 1 double-acting   | 1 double-acting   | 1 double-acting   |
| Weight                   | 800 kg                   | 850 kg            | 950 kg            | 1160 kg           |

\* The GX-SC cutter bar is equipped with a 4 mm thick bottom shield with stone guard and skid for each disc. GX-SC uses profile blades and is equipped with a manual transport safety device. GX-SC is not equipped with Top Dry. \*\* GX 240 SM uses profile blades and is equipped with a manual transport safety device. 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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