

# Disc mowers SB, SM, SMF



SB  
SM  
SMF



# SB-Mowers



The SB disc mowers are equipped with the unique smooth JF cutter bar which is characterized by:

## Features:

- Perfectly smooth underside:  
The JF cutter bar has a perfectly smooth underside. The large bearing surface gives a low ground pressure.
- Low cutter bar:  
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.
- To ensure smooth crop flow the mower is fitted with flow caps at both sides.

## Benefits:

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



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



Full-covering skids that protect the gearbox from underneath.

## 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 "Top Cover".



# Easy Lift



## Easy Lift means quick turning and spares the machine

To SB range is equipped with Easy Lift for quick and easy headland turns.

- The SB disc mowers are JF's range of reliable rear mounted plain disc mowers. The machines are intended for farmers who need a small mower for grass harvesting for feed or hay.
- The machine is 3-point suspended and equipped with a strong, adjustable spring which relieves the ground pressure of the cutter bar. This gives the mower exceptionally good ground following abilities.



Safety system: Less impact on the cutter bar in case of hitting a big obstacle.



The SB in transport position.



The machine can also work on slopes and along ditches and dikes with inclinations of up to +/- 40 degrees!

# SM-Mowers



## Features:

- Adjustment of ground pressure:  
The ground pressure can be changed by moving a split pin. Hereby the perfect ground pressure can quickly be found without any tools if you change to a field with other ground conditions.
- Quick 'n safe knife.
- Vertical transport position:  
Transport conversion takes place hydraulically without leaving the tractor seat. The transport height is less than 4 m and the transport width less than 3 m.

## Benefits:

- Thereby you avoid damaging the crop and a quick regrowth is ensured.
- Saves time and money



Adjustment of ground pressure

## Strong and effective drive line:

The V-belt drive has a built-in automatic tightening device that guarantees correct tightening and optimum power transmission. V-belt drive reduces vibrations and shocks, thereby protecting the transmission. This ensures a strong and effective drive line.



Vertical transport position



The V-belt



Low cutter bar

# SMF



## Features:

- The discs on SMF rotate in the same direction towards the centre.
- The cutter bar is equipped with quick change knives
- Knives can be changed with a handle without extra tools, which saves time

## Benefits:

- The crop is easily placed between the tyres and no crop is lost.
- Less daily maintenance and reduction of costs.
- Can work under very difficult conditions and in heavy amounts of grass.



Q+ disc



Easy access to the SMF cutter bar.



Crop flow



Twisted knife

# SMF



## Features:

- SMF is compact mounted, close to the tractor, and thereby has an optimal weight distribution.
- Adjustable ground following
- The drive line goes directly through PTO into the disc.
- Double swath rollers are standard. They collect the crop perfectly between the tyres without contamination.

## Benefits:

- Reduces the lifting and handling requirements of the tractor, especially in hilly conditions.
- The field is perfectly cut to ensure regrowth and avoid contamination of the crop.
- The machine is very strong
- The feed is cleaner



Flexible headstock for perfect ground contour following.



Swath rollers can easily be adjusted from the outside.



Double swath rollers are standard.

# Technical data

	<b>SB 2005</b>	<b>SB 2405</b>	<b>SB 2805</b>
Working width	2.00 m	2.40 m	2.80 m
Swath width, standard	1.40 m	1.80 m	2.20 m
Swath width with extra swath disc	1.10 m	1.50 m	1.90 m
JF cutter bar	Standard	Standard	Standard
Easy Lift	Standard	Standard	Standard
Tractor size, min.	30 kW/40 HP	35 kW/48 HP	40 kW/56 HP
PTO, rpm	540 rpm	540 rpm	540 rpm
PTO, size	1 3/8 – 6 splines	1 3/8 – 6 splines	1 3/8 – 6 splines
Free wheel	Option	Option	Option
Oil outlets required	1 single-acting	1 single-acting	1 single-acting
Hitch pins cat. II	Standard	Standard	Standard
Sideways adjustable hitch pins	Standard	Standard	Standard
Number of discs	5	6	7
Number of blades	10	12	14
Guide shoes	Covering the whole width	Covering the whole width	Covering the whole width
High guide shoes for topping	Option	Option	Option
Stone release, mechanical	Standard	Standard	Standard
Hydraulic conversion to transport position	Standard	Standard	Standard
Weight	460 kg	480 kg	520 kg

	<b>SM 2805</b>	<b>SM 3205</b>
Working width	2.8 m	3.15 m
Swath width	2.4 m	2.8 m
Transport width	< 3 m	< 3 m
Tractor, min.	42 kW / 57 HP	50 kW / 68 HP
PTO, rpm	540 rpm	540 rpm
PTO, size - type	1 3/8 - 6 splines	1 3/8 - 6 splines
PTO free wheel	Standard	Standard
Hitch pins	Cat. II	Cat. II
Hydraulic outlets	1 single-acting	1 single-acting
Number of discs	7	8
Type of discs	Quick'n Safe	Quick'n Safe
Number of blades	14	16
Stone release, mechanical	Standard	Standard
Swath roller	Option	Option
Weight	700 kg	740 kg

	<b>SMF 3005</b>
Working width	2.96 m
Transport height	2.86 m
Tractor size, min.	44 kW/60 HP
Hydraulic outlets required	None
Discs and knives	7 / 14
Friction clutch	Yes
Free wheel	Yes
Swath rollers	Standard
Additional flow caps	Option

