

DISC MOWERS

KDF



The first step to increasing productivity is to create a combination with a front-mounted mower. KDF mower is an excellent choice - its reliable design and exceptional ground following properties have proven their worth in markets all over the world. Thousands of users have appreciated the durability, user-friendly features and the cutting quality of the PerfectCUT cutterbar.

Machine category

- Front-mounted
- Pull-type suspension
- **PerfectCUT** cutterbar

Model name

- KDF 300
- KDF 340
- KDF 390

Working width

- 3,00 m / 9'10"
- 3,40 m / 11'1"
- 3,90 m / 12'9"

Power demand

- from 80 HP
- from 90 HP
- from 100 HP

See the mower at work



KDF



Suspension

The biggest advantage of the KDF mower is the pull-type suspension of the PerfectCUT cutterbar. Thanks to this, ground following is carried out independently of the tractor and adapts freely to any unevenness in the field. The ground following range is ± 63 cm, which is one of the best results on the market.



Hitch

The KDF mower is connected to the tractor with a hitch triangle, which is standard equipment on the machine. In the case of tractors with short lower links, it is necessary to use an extended hitch triangle available in SaMASZ offer.



Spring pressure relief system

The pressure relief system of the cutting unit is based on springs. It is characterised by quick response to changes in terrain and guarantees a uniform cutting height.



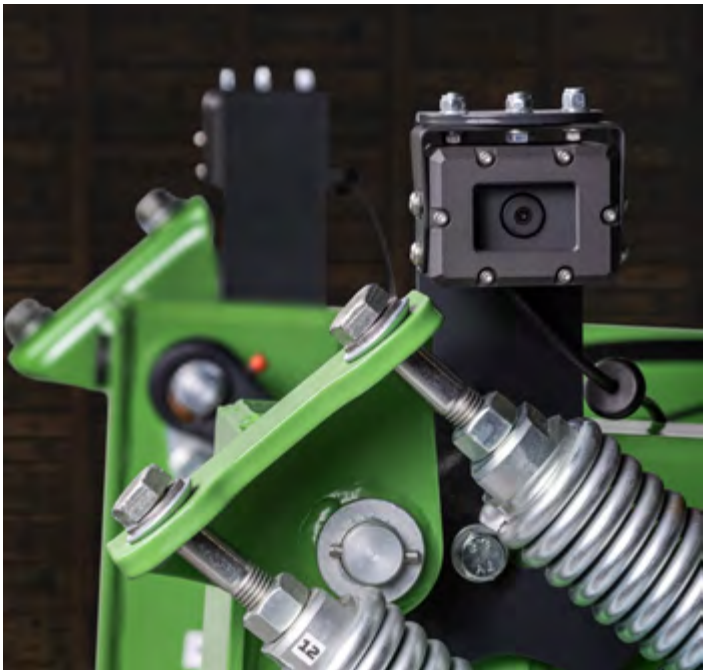
Side shift adapter

The optional side shift adapter is ideal for working on slopes, ensuring the correct overlap between the front and rear mowers.



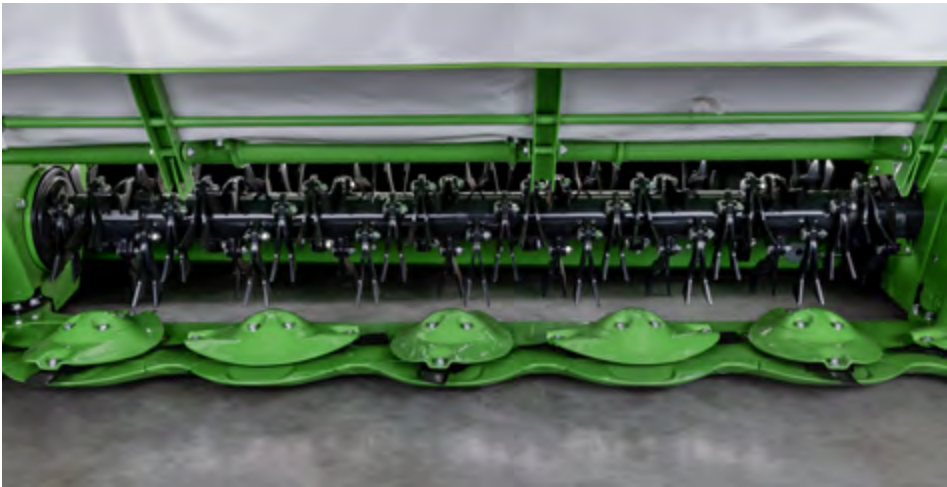
Certified camera set

The optional camera set for KDF models provides excellent visibility, full control and safety during transport.



KDF S

In addition to the standard KDF model, KDF S version equipped with a flail conditioner is also available. The result of its use is faster drying process of the mowed material and no need for a tedder.



KDF W

A KDF W version with a roller conditioner and pressure relief system is also available. An excellent choice for working with legumes and hard-stemmed grasses such as sorghum.



TECHNICAL SPECIFICATION

		KDF 300	KDF 340	KDF 390
Working width	[m / ft]	3,00 / 9'10"	3,40 / 11'2"	3,90/12'1"
Transport width	[m / ft]	3,00 / 9'10"	3,40 / 11'2"	3,80 / 12'8"
Swath width	[m / ft]	~1,30 - 1,50 / ~4'3" - 4'11"	~1,30 - 1,80 / ~4'3" - 5'10"	~1,80 - 2,30 / ~5'10" - 7'6"
Necessary hydraulic couplers		1 x single acting		
Working capacity	[ha/h / ac/h]	~ 3,50 / 8,70	~ 4,00 / 10,00	~ 4,50 / 11,00
Number of discs	[pcs.]	7	8	9
Number of knives	[pcs.]	14	16	18
RPM		1000		
3-point hitch cat.		II		
Power demand	[HP]	from 80	from 90	from 110
Weight	[kg / lbs]	940	1020	1065
PTO shaft		tractor - mower: with friction clutch built in: with overrunning clutch		
Single rubber swath guides	[pcs.]	2	-	-
Double rubber swath guides	[pcs.]	-	2	2

		KDF 301S	KDF 341S	KDF 301W	KDF 341W
Working width	[m / ft]	3,00 / 9'10"	3,40 / 11'2"	3,00 / 9'10"	3,40 / 11'2"
Transport width	[m / ft]	3,00 / 9'10"	3,40 / 11'2"	3,00 / 9'10"	3,40 / 11'2"
Swath width	[m / ft]	~1,50 - 2,00 / ~4'11" - 6'6"	~1,30 - 2,20 / ~4'3" - 7'2"	~1,20 - 1,70 / ~3'11" - 5'6"	~1,60 - 2,10 / ~5'2" - 6'10"
Necessary hydraulic couplers		1 x single acting			
Working capacity	[ha/h / ac/h]	~ 3,50 / 8,70	~ 4,00 / 10,00	~ 3,50 / 8,70	~ 4,00 / 10,00
Number of discs	[pcs.]	7	8	7	8
Number of knives	[pcs.]	14	16	14	16
RPM		1000			
3-point hitch cat.		II			
Power demand	[HP]	from 110	from 120	from 120	from 130
Weight	[kg / lbs]	1288 / 2840	1450 / 3195	1400 / 3085	1512 / 3335
PTO shaft		tractor - mower: with friction clutch, built-in: 1. with overload clutch, 2. with overrunning clutch			
Swath guides	[pcs.]	Metal swath guides in conditioner			