

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





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.



KDF

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"	3,90/12'11"
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			

DISC MOWERS
XT-F



Uncomplicated, reliable and professional - these are the three main features that describe the front mower XT-F. Equipped with a proven and appreciated PerfectCUT cutterbar, the machine is a reliable tool for professional farms and contractors. This is completed by unbeatable price to quality ratio.

Machine category

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

Model name

- XT-F 262
- XT-F 302
- XT-F 342

Working width

- 2,60 m / 8'6"
- 3,00 m / 9'10"
- 3,40 m / 11'1"

Power demand

- from 60 HP
- from 75 HP
- from 85 HP

See the mower at work



XT-F



PerfectCUT
cutterbar

E-COAT

Push-type hitch

A short push-type hitch in the XT-F mowers allows to use the professional equipment with a smaller tractor. Compared to the KDF series mower, the machine is closer to the tractor by approximately 10 cm ($3\frac{15}{16}$ ").



Ground following

The push-type hitch design follows the terrain laterally within $\pm 22^\circ$ range, making the machine an ideal choice on naturally varied terrain.



Spring suspension

The springs in the XT-F mowers adjust the degree of pressure relief on the machine, ensuring an even pressure on the ground, protecting the turf and therefore the soiling of the mowed material. The springs are attached to the tractor using, for example, universal holders.



Direction of discs rotation

The direction of rotation of the discs has been selected so that the discs rotate towards the centre of the cutterbar. This is optimal for working on slopes and uneven ground. In addition, the swath roller is very narrow, which makes it possible to work with forage trailers when collecting fresh grass in heaps.



XT-F

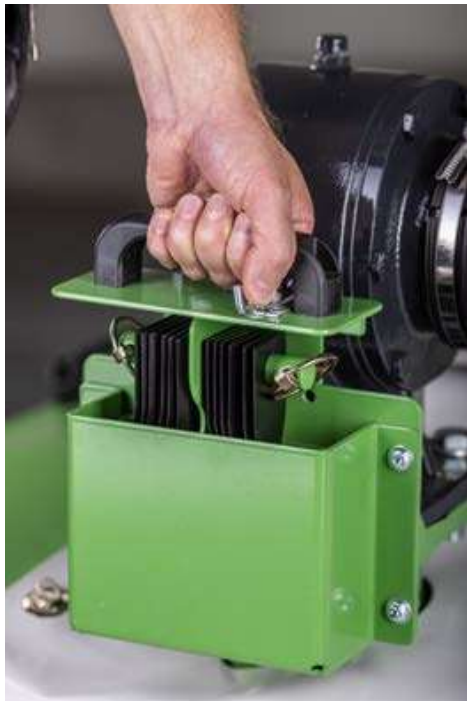
PerfectCUT cutterbar

The XT-F mowers are equipped with the professional, welded PerfectCUT cutterbar. It is a robust, leak-proof and efficient cutterbar, which is popular all over the world. The designed cutterbar features many well-known solutions, such as the special shape of the discs and inserts, as well as a knife holder and safeGEAR system.



Blades box

Easy and quick access to spare blades, thanks to the storage box.



TECHNICAL SPECIFICATION

		XT-F 262	XT-F 302	XT-F 342
Working width	[m / ft]	2,60 / 8'7"	3,00 / 9'8"	3,40 / 11'2"
Transport width	[m / ft]	2,60 / 8'7"	3,00 / 9'8"	3,40 / 11'2"
Swath width	[m / ft]	1,10 / 3'7"	1,50 / 4'11"	~1,80 / 5'10"
Working capacity	[ha/h / ac/h]	~ 2,80 / 7,00	~ 3,50 / 8,70	~ 4,00 / 10,00
Number of discs	[pcs.]	6	7	8
Number of knives	[pcs.]	12	14	16
RPM		1000		
3-point hitch cat.		II		
Power demand	[HP]	from 60	from 75	from 85
Weight	[kg / lbs]	735 / 1620	790 / 1740	855 / 1885
PTO shaft		tractor - mower: with friction clutch built in: with overrunning clutch		

