



For Professionals



## DRUM AND DISC MOWERS

REAR, FRONT, TRAILED

DOUBLE-SIDED, COMBINATIONS



## Over 30 years of experience

Fodder obtained from grass mowing is one of the best and, at the same time, the cheapest of feeds for farmed animals. With use of proper equipment it is possible to obtain a row in a very short time which then can be easily processed to a valuable feed for cows.

SaMASZ farming machines ensure obtaining full capacity of the complete fodder from the mowed grassland area. They feature solutions being developed for over 30 years by Polish engineers. These machines are very popular around the world as with their use you are able to simply obtain more fodder. This is because we have managed to develop the whole process of feed collection in tiny details.

Mowing with SaMASZ mowers causes no damage to the turf. The fodder is very clean and that's why its energetic value is greater. This means economy and time saving – workloads are used more effectively, and you are able to simply obtain more fodder.

Many have already trusted us. We are passionate about designing machines to meet any farmers' needs!

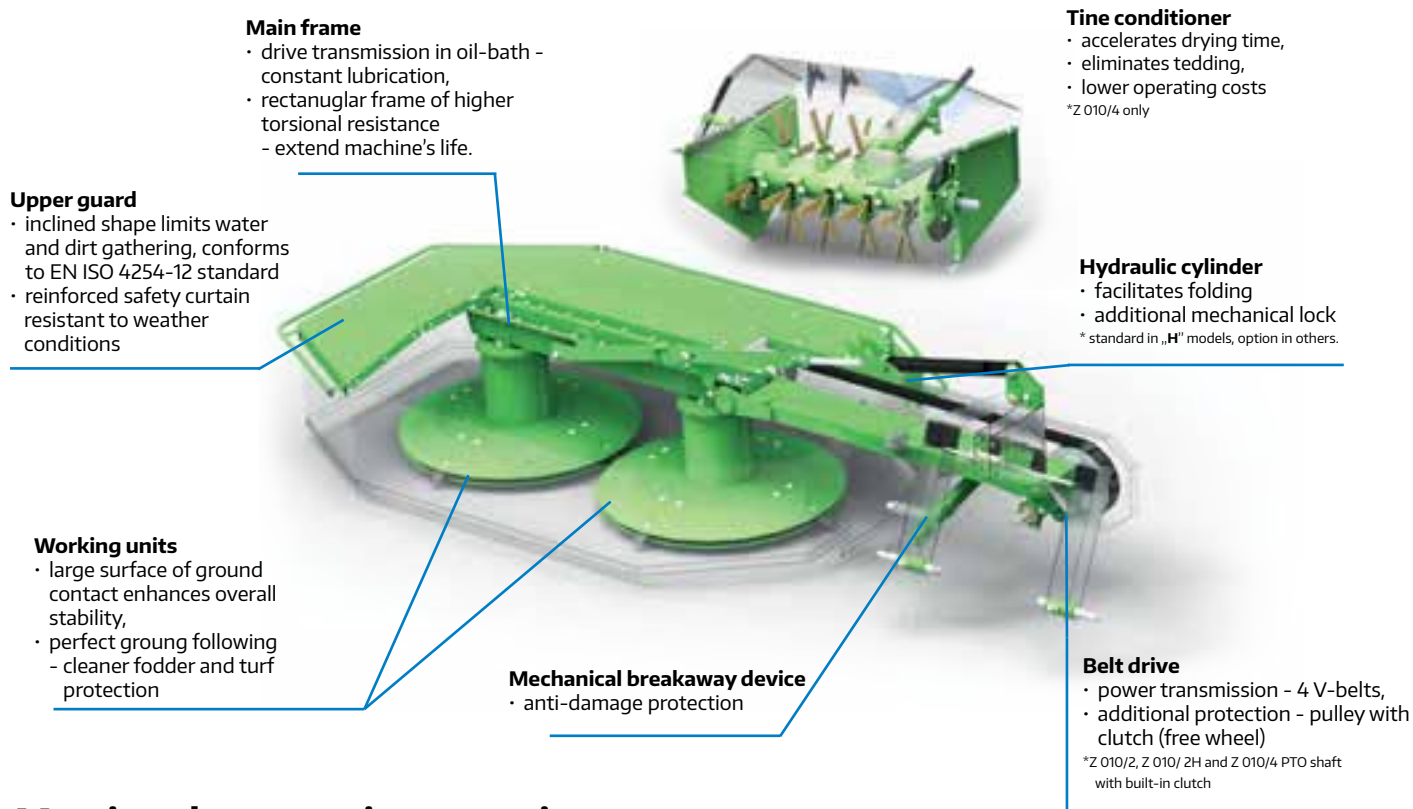




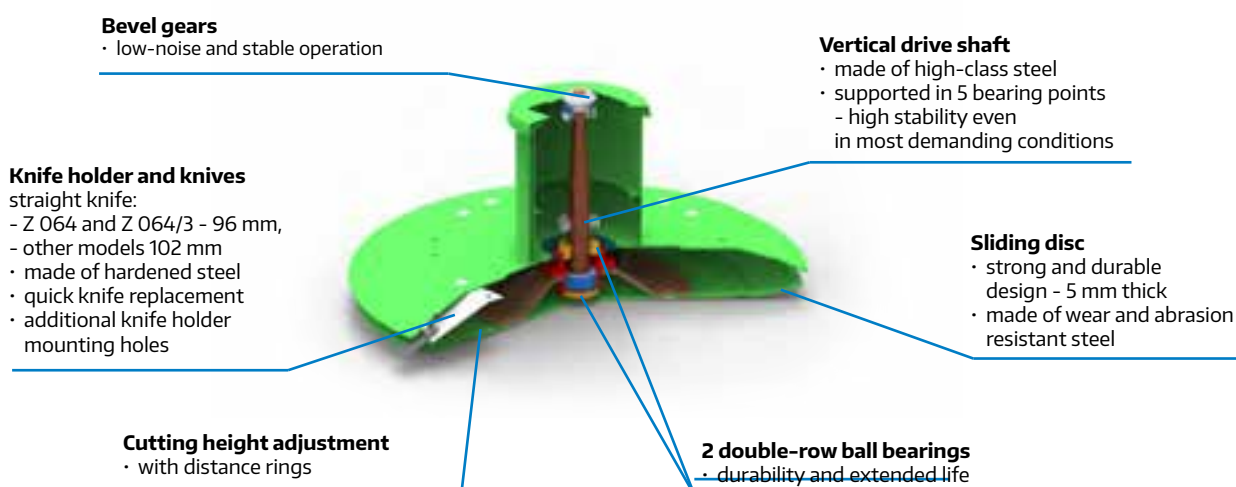
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# DRUM MOWER DESCRIPTION



## Mowing drum section overview



## OTHER ADVANTAGES OF DRUM MOWERS

### Clean fodder and turf protection

- low ground pressure together with large surface of contact facilitates mowing wet fields as well as leaning and overgrown grass
- excellent ground following on uneven fields
- optimal, factory set cutting height (5,8 cm / 2"), significantly lowers fodder contamination and soil disturbance
- less drives thanks to application of conditioners (Z 010/4)

### Customer friendly use

- simple design
- driver's comfort while transporting the machine on the side or behind the tractor (safety breakaway release)
- attachment to smaller tractors (even from 20 HP) possible (see table)

### Servicing and spare parts

- low operating costs
- most maintenance works possible to carry out on user's own

### Proven design

- over **30 years** of experience in drum mower manufacturing
- **2 year warranty**
- conforms to european norms of most agricultural institutes

### Farmers' trust

- more than 50 000 drum mowers working all over the world





## REAR 2-DRUM MOWERS



### Standard equipment:

- Mechanical safety breakaway device • Mechanical folding system • Hydraulic folding system (Z 010/4 and version with H)
- Cutting height adjustment (distance rings) • Metal safety guard with safety curtain • Tine conditioner (Z 010/4) • PTO shaft
- Additional knives and knife mounting lever • Limiting chains • Adjustable lower hitch pins

TECHNICAL DETAILS		Z 064/3	Z 064	Z 010	Z 010 H	Z 010/1	Z 010/1 H	Z 010/2	Z 010/2 H	Z 010/4
	Working width [m / ft]	1,35 / 4'5"	1,35 / 4'5"	1,65 / 5'5"	1,65 / 5,5"	1,85 / 6'1"	1,85 / 6'1"	2,10 / 6'11"	2,10 / 6'11"	2,10 / 6'11"
	Swath width [m / ft]	0,60 / 2'	0,60 / 2'	0,70 / 2'4"	0,70 / 2'4"	0,80 / 2'7"	0,80 / 2'7"	0,90 / 2'11"	0,90 / 2'11"	1,00 / 3'4"
	Necessary hydraulic couplers	-	-	-	1 x single acting	-	1 x single acting	-	1 x single acting	-
	Working capacity [ha/h / ac/h]	~ 0,70 / 1,8	~ 1,00 / 2,5	~ 1,50 / 3,7		~ 2,00 / 5		~ 2,50 / 6,2		
	Number of knives [pcs.]	4		6				8		
	RPM	540								
	3-point hitch cat.	I	I / II			II				
	Power demand [HP]	from 20	from 25	from 40		from 60		from 70		from 75
	Weight [kg / lbs]	245 / 540	330 / 730	400 / 880	410 / 905	455 / 1005	460 / 1015	555 / 1225	560 / 1235	690 / 1520
	PTO shaft	tractor - mower: no clutch (clutch on the belt wheel - free wheel)						tractor - mower: with overrunning clutch		tractor - mower: with overrunning clutch, built in: with overload clutch

# ADVANTAGES OF K2BF / K4BF DRUM MOWERS

## Upper guard

- inclined shape limits water and dirt gathering, conforms to EN ISO 4254-12 standard
- reinforced safety curtain resistant to weather conditions
- foldable side guards reduce transport width

## Gearbox:

- change of rpm possible by rotating the gearbox 180° (K4BF)

## Hitch

- the highest 3-dimensional ground following according to agricultural magazine (PROFI-Test 01/2017)
- low work resistance even at high operating speed - clean fodder and turf protection,
- mechanical transport lock
- mounting triangle attachment

## Support springs

- enhance ground following, even on steep slopes and uneven fields
- even ground pressure across entire operating width - easy to adjust

## Swath guides

- forms the swath between the tractor's wheels - clean fodder

## Working units

- ideal ground following
- high throughput capacity, even at high crop
- large surface of ground contact enhances overall stability and turf protection

## Main frame

- drive-transmission in oil-bath,
- rectangular frame of higher torsional resistance - longer life

\* K2BF requires reversing a hitch by 180°

## OTHER ADVANTAGES OF K2BF / K4BF DRUM MOWERS

### Clean fodder and turf protection

- low ground pressure together with large surface of contact facilitate mowing wet fields as well as leaning and overgrown grass
- excellent ground following on uneven fields
- optimal, factory set cutting height (5,8 cm / 2"), significantly lowers fodder contamination and soil disturbance

### Customer friendly use

- simple design
- foldable side guards reduce transport width
- change of rotation direction by reversing gearbox position - working with left as well as right PTO rpm possible
- simultaneous work with bale wrappers or self loading trailers possible

### Servicing and spare parts

- low operating costs
- most maintenance works possible to carry out on user's own

### Proven design

- over **30 years** of experience in drum mower manufacturing
- **2 year warranty**
- conforms to european norms of most agricultural institutes

### Farmers' trust

- more than 50 000 drum mowers working all over the world

## OPTIONAL EQUIPMENT

Mowing drum push-plates



Warning plates





## FRONT 2- AND 4- DRUM MOWERS

### K2BF / K4BF



#### Standard equipment:

**3-point linkage triangle cat. II** • Hydraulic cylinders • Support springs • Cutting height adjustment (distance rings)  
• Mounting triangle cat. II • Metal safety guard with curtains • PTO shaft • Additional knives and knife mounting lever

TECHNICAL DETAILS		K2BF 210	K4BF 265	K4BF 300
	Working width [m / ft]	2,10 / 6'11"	2,65 / 8'8"	3,00 / 9'10"
	Transport width [m / ft]	2,30 / 6'18"	2,70 / 8'9"	2,95 / 9'8"
	Swath width [m / ft]	0,90/2'95"	1,20-1,60 3'9"-5'25"	1,40-1,80 4'6"-5'9"
	Necessary hydraulic couplers	1 x single acting		
	Working capacity [ha/h / ac/h]	~ 2,50 / 6,20	~ 3,00 / 7,50	~ 3,50 / 8,70
	Number of knives [pcs.]	8	12	18
	RPM	1000		
	3-point hitch cat.	II		
	Power demand [HP]	from 70	from 80	from 90
	Weight [kg / lbs]	570/1255	780/1720	860/1895
	PTO shaft	tractor - mower: with friction overrunning clutch, built in: no clutch		
	Double rubber swath guide [pcs.]	-	2	2



# ADVANTAGES OF LIGHTWEIGHT CUTTERBAR *LiteCUT*

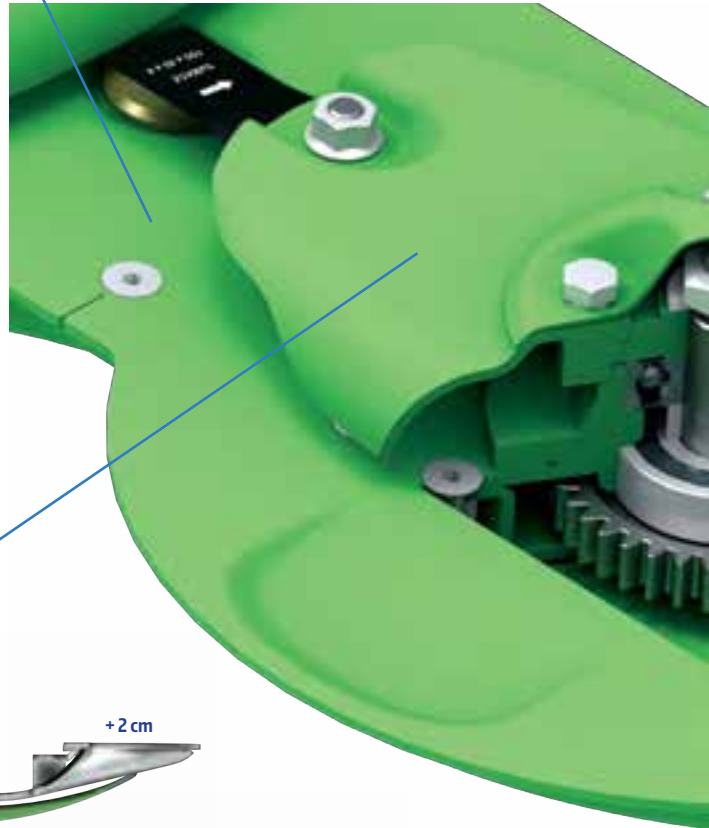
## Hardened gearbox slide

- cutterbar's drive protection



## Design

- **lightweight**, durable, bolted
- thick, 5 mm / 13/64" steel shell



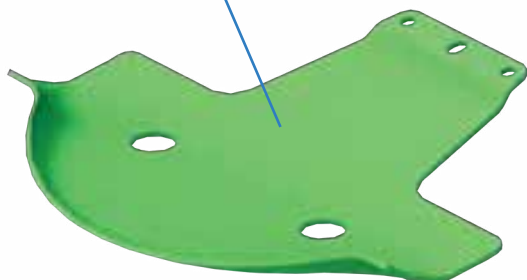
## Hardened discs

- improved shape of the disc increases its thickness and enables perfect material flow
- high resistance to wear
- easy replacement



## Sliding skid

- hardened,
- extend machine's life,
- easy to replace



## Topping plates (option)

- increases cutting height - 2, 2,5 or 3 cm
- bolted to the sliding skid
- easy replacement

## Stepless regulation of cutting height (from 3 cm to 7 cm)

- setting the machine to standard cutting height from 4 to 6 cm (from 2° to 0°) enables ideal adjustment of the mower to working conditions (optionally topping plates which increase cutting height - 2, 2,5 or 3 cm)
- proper adjustment of cutting height (min. 6 cm recommended) has a great influence on the quality of cut hay and on the condition, height and the rate of growth of next crops:
  - leaving longer stems ca. 7 cm decreases the risk of fodder contamination by other machines (tedder, rake, baler) thanks to longer distance from the ground
  - too low cut grass (lower than 5 cm) weakens the crop and decreases the rate of re-growth. Next crops have less volume and have lower nutritional value (TOP AGRAR 04/2017)





# DEDICATED FOR SAMBA



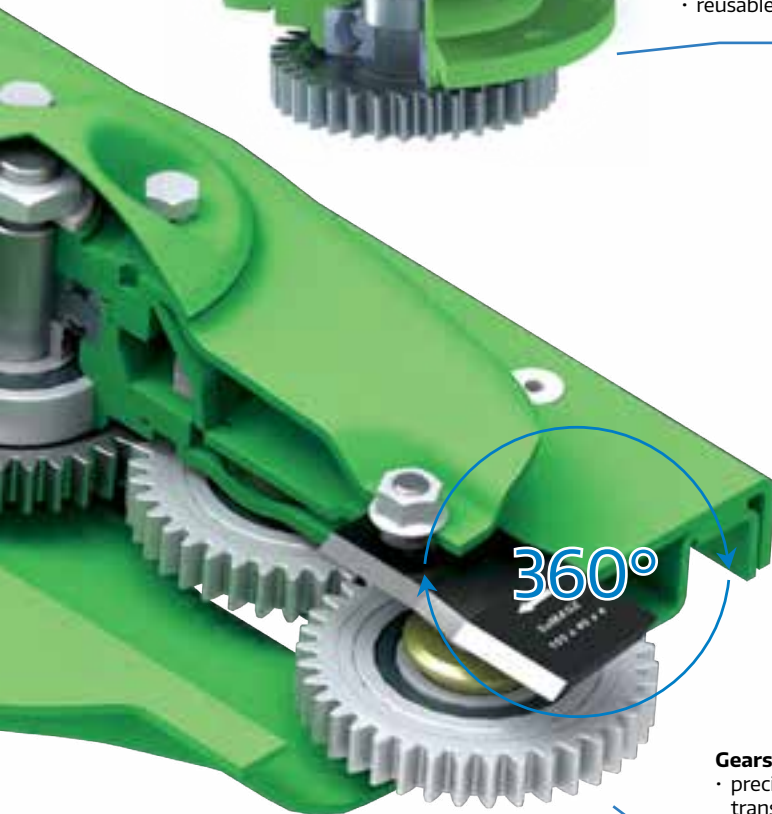
## Disc module with **safeGEAR** system

- additional protection for gears inside the cutterbar
- strong, double - sealed bearings
- quick and easy module replacement even in the field
- reusable after key replacement



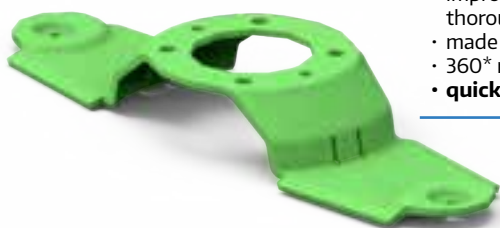
## **safeGEAR** protection system

- sheared key safety feature as standard



## Gears - 18 mm thickness

- precisely ground and fitted enable ideal drive transmission and silent work
- protected by **safeGEAR** system
- set on closed 2RS bearings



## Central knife holder

- improved shape of the holder enables thorough cleaning of the cutterbar
- made of high quality hardened steel
- 360° range of rotation
- **quick and easy replacement**



## Hardened knife holder pins

- modernized shape of the pin increases knife stability
- longer resistance to wear thanks to **Geomet®** coat
- separate, replaceable element of the cutting disc



## Hardened knives (L=105 mm / 4 9/64")

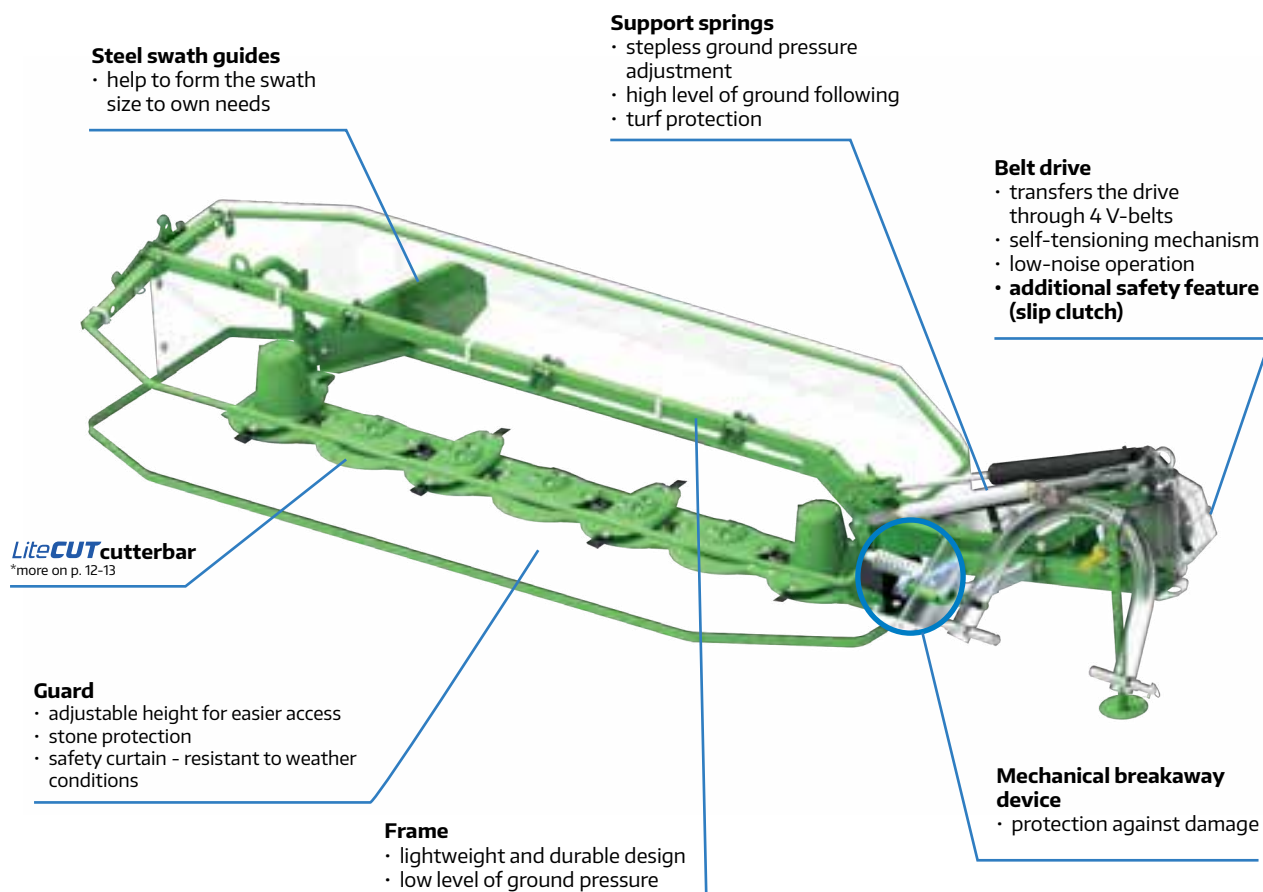
- SaMASZ logo proves the highest quality,
- quick knife replacement mounting with special lever at the back side and front of the cutterbar

## Knife mounting lever

- quick and easy knife replacement



# ADVANTAGES OF SAMBA MOWERS



## OTHER ADVANTAGES OF SAMBA MOWERS

### Clean fodder and turf protection

- stepless cutting height adjustment (from 4 cm to 6 cm)
- use of topping plates possible (increases cutting height 2 cm, 2,5 cm or 3 cm additionally)
- high level of ground following: +/- 30°
- **light design - smaller pressure on the ground**

### Customer friendly use

- automatic headland and transport support feature
- hydraulic folding
- mechanical transport lock
- adjustable lower hitch pins facilitate attachment to different types of tractors

### Servicing and spare parts

- low operating costs
- most maintenance works possible to carry out on user's own

### Proven design

- over **20 years** of experience in disc mower manufacturing
- **LiteCUT** cutterbar of own design, tested on the markets across the world
- **2 year warranty**

### Farmers' trust

- within the past 3 years there is over 2 300 SAMBA mowers operating on the fields of the world

## OPTIONAL EQUIPMENT

(more on p.14)

### Topping plates



### Rubber swath guide - single (inner / outer)



### Rubber swath guide - double (inner / outer)







## REAR DISC MOWERS SAMBA



- **LiteCUT** cutterbar

### Standard equipment:

- LiteCUT cutterbar with quick knife replacement system
- **safeGEAR** system
- Mechanical safety device
- Hydraulic cylinder
- Cutting height adjustment
- Mechanical transport lock
- Central knife holder
- PTO shaft
- Additional knives and knife mounting lever

TECHNICAL DETAILS		SAMBA 160	SAMBA 200	SAMBA 240	SAMBA 280
	Working width [m / ft]	1,60 / 5'2"	2,00 / 6'7"	2,40 / 7'11"	2,80 / 9'2"
	Transport width / height [m / ft]	1,70 / 2,15 // 5'7" / 7'1"	1,70 / 2,50 // 5'7" / 8'2"	1,70 / 2,90 // 5'7" / 9'6"	1,70 / 3,30 // 5'7" / 10'10"
	Swath width [m / ft]	~ 1,10 / ~ 3'7"	~ 1,40 / ~ 4'7"	~ 1,70 / ~ 5'7"	~ 2,10 / ~ 6'11"
	Necessary hydraulic couplers	1 x single acting			
	Working capacity [ha / h ac / h]	~ 1,50 / ~ 3,70	~ 2,00 / ~ 5,00	~ 2,50 / ~ 6,20	~ 3,00 / ~ 7,00
	Number of knives [pcs.]	4 / 8	5 / 10	6 / 12	7 / 14
	RPM	540			
	3-point hitch cat.	I / II		II	
	Power demand [HP]	from 20	from 30	from 45	from 60
	Weight [kg / lbs]	410 / 905	445 / 980	490 / 1080	505 / 1115
	PTO shaft	tractor - mower: with overrunning clutch			

# ADVANTAGES OF CUTTERBAR *PerfectCUT*

## PERFECT CUTTING IN ALL CONDITIONS

### Design

- robust, strong and durable
- fully welded
- thick, 6 mm / 15/64" steel shell

### Hardened discs

- special shape improves smooth crop flow and reduces workload
- high abrasion and wear resistance,
- easy to replace

### Replacable inserts

- additional cutterbar protection

### Hardened knife holder pins

- long service life
- easy to replace

### Topping plates (option)

- rise of cutting height, 9 / 12 cm / 4" (double plate)
- hardened, made of high class steel
- quick and easy replacement
- used instead of sliding plate

### Hardened sliding plate

- additionally pressed plates are tougher
- protects the slide against the wear
- exchangeable with topping plates/double topping plates
- quick and easy replacement

### Hardened slides

- bottom protection of the cutterbar
- **the body of the bar does not have contact with the ground**
- reduce work resistance force
- cleaner fodder thanks to streamlined shape of the disc

### Stepless regulation of cutting height (from 3 cm to 7 cm)

- setting the machine to standard cutting height from 4,5 cm (from 2° to 0°) enables ideal adjustment of the mower to working conditions (optionally topping plates and double topping plates enable cutting height up to 12 cm)
- proper adjustment of cutting height (min. 6 cm recommended) has a great influence on the quality of cut hay and on the condition, height and the rate of growth of next crops:
  - leaving longer stems ca. 7 cm decreases the risk of fodder contamination by other machines (tedder, rake, baler) thanks to longer distance from the ground
  - too low cut grass (lower than 5 cm) weakens the crop and decreases the rate of re-growth. Next crops have less volume and have lower nutritional value (TOP AGRAR 04/2017)





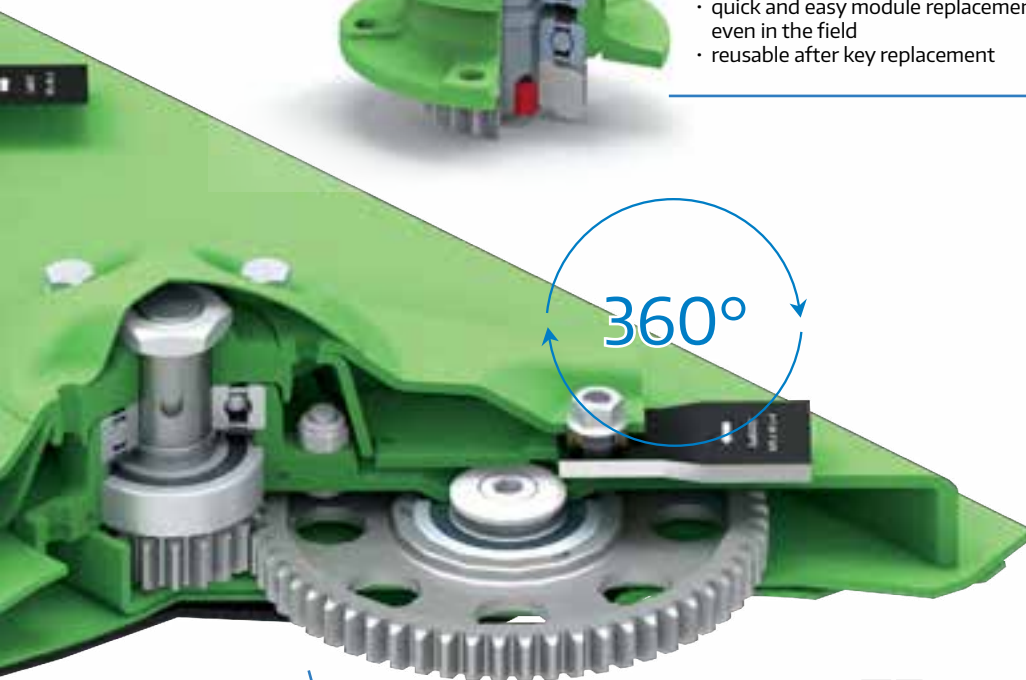
AVAILABLE IN:

**KDT, KDTC, KT, XT, KDC, TORO, KDF, KDD, KDD-R, MegaCUT and GigaCUT combinations.**



**Disc module with **safeGEAR** system**

- additional protection for gears inside the cutterbar
- strong, sealed bearings
- quick and easy module replacement even in the field
- reusable after key replacement



360°

**25 mm / 1" thick spur gears**

- protected with **safeGEAR** system,
- higher abrasion resistance,
- ensure accurate power transfer,
- perfect 4 tooth fitting,
- low-noise operation
- low-noise, sealed 2RS bearings

****safeGEAR** protection system**

- sheared key safety feature as standard



**Hardened knife holder pins**

- modernized shape of the pin increases knife stability
- longer resistance to wear thanks to **Geomet**® coat
- separate, replaceable element of the cutting disc



**Central knife holder**

- improved shape of the holder enables thorough cleaning of the cutterbar
- made of high quality hardened steel
- 360° range of rotation
- **quick and easy replacement**



**Knife mounting lever**

- quick and easy knife replacement



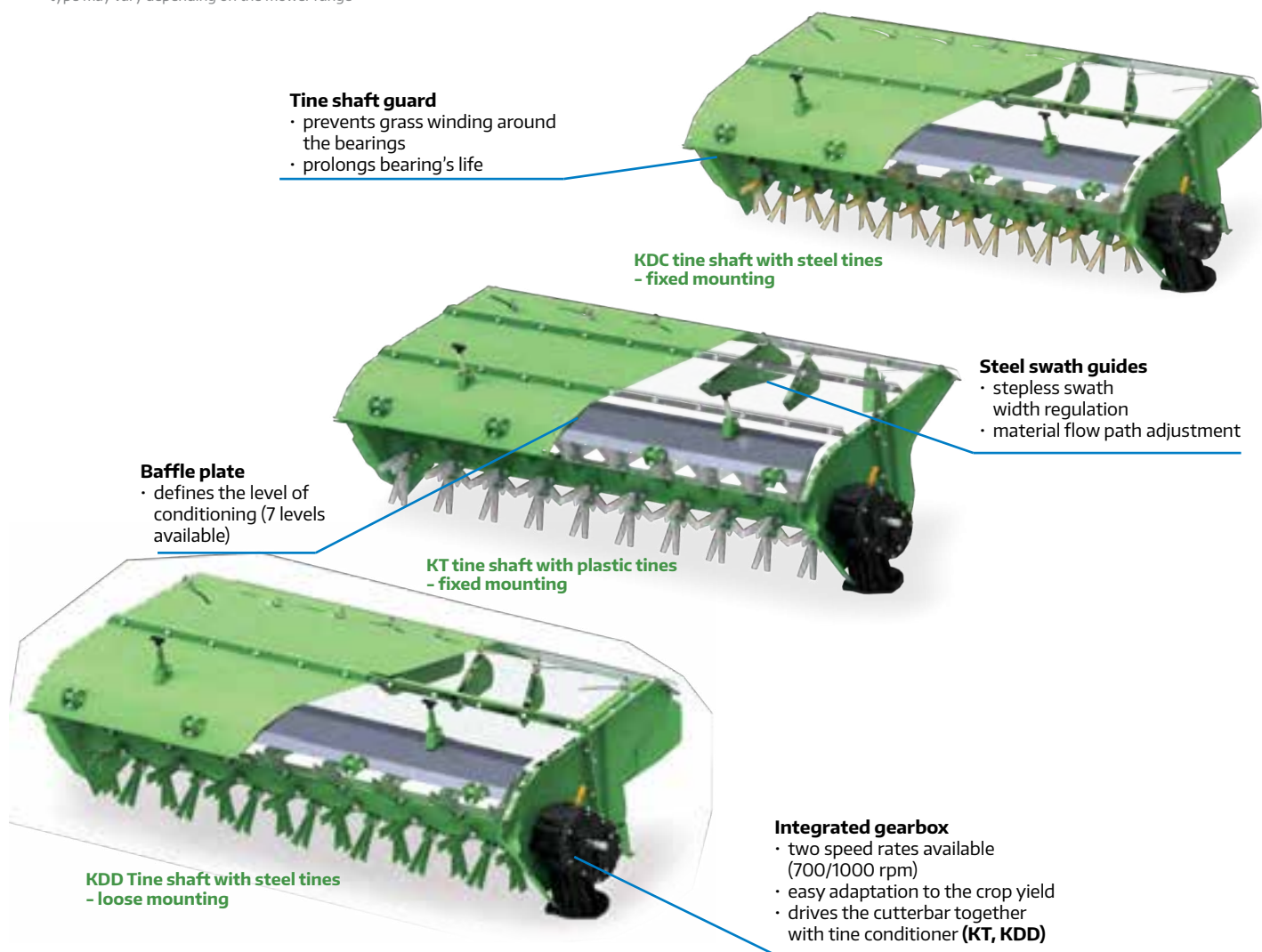
**Hardened knives (L=105 mm / 4 9/64")**

- SaMASZ logo proves the highest quality,
- quick knife replacement with special mounting lever



# TINE CONDITIONER ADVANTAGES

\* type may vary depending on the mower range



## OTHER ADVANTAGES OF TINE CONDITIONERS

### Clean fodder

- eliminates tedding
- reduces fodder contamination
- less tractor drives
- lower soil disturbance
- harvest economy

### Operation

- breaking the wax layer from the leaf blade
- accelerates drying
- no windrow twists

### Tine shaft

- the conditioner shafts are interchangeable with each other

## 3 TINE TYPES



steel - loose mounting



plastic - fixed mounting



steel - fixed mounting



# ROLLER CONDITIONER ADVANTAGES

## Level of pressure adjustment

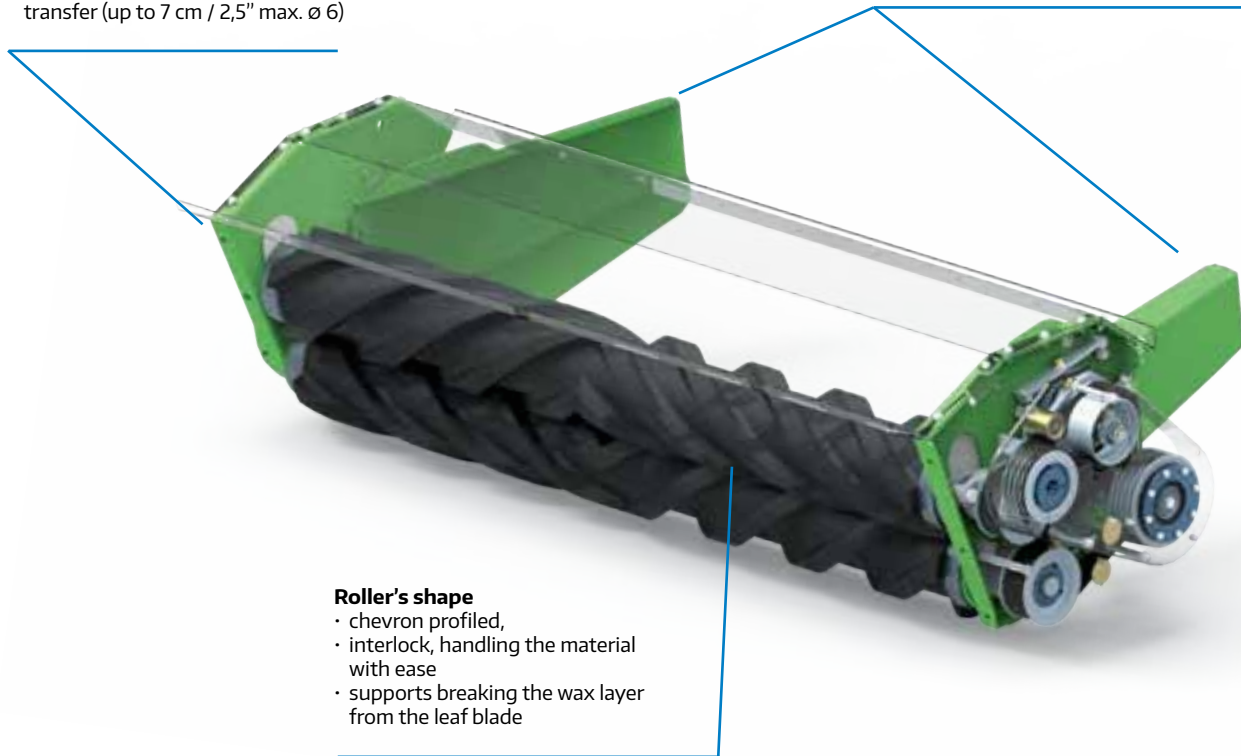
- perfect adaptation to the crop yield
- spring protected, allows for obstacle transfer (up to 7 cm / 2,5" max. ø 6)

## Steel swath guides

- stepless swath width regulation,
- material flow path adjustment

## Roller's shape

- chevron profiled,
- interlock, handling the material with ease
- supports breaking the wax layer from the leaf blade



## OTHER ADVANTAGES OF ROLLER CONDITIONER

### Rollers

- recommended for clover type plants
- roller profile ensures good material grip
- an inclination of upper roller towards the cutterbar enables better forage pick-up
- chevron-profiled conditioner rollers interlock to crimp, rub and crush the crop with great intensity
- made of high class abrasion resistant rubber

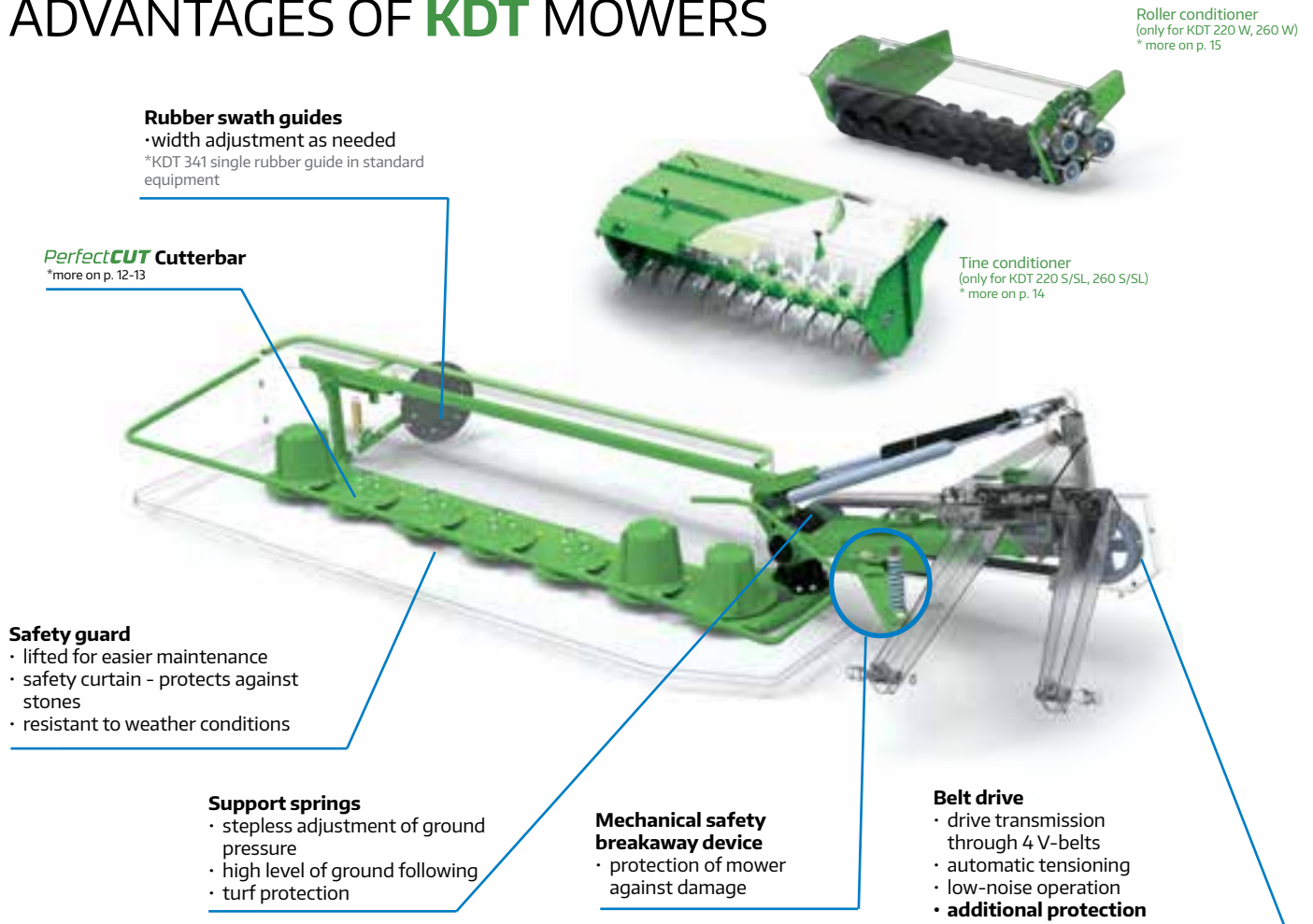
### Drive

- drive of both rollers ensures constant and even power transfer
- rollers drive prevents stone locking
- easy maintenance - no need of greasing

### Level of pressure adjustment

- easy to adapt the clearance and pressure to the crop yield and conditions
- easy to set conditioning level

# ADVANTAGES OF **KDT** MOWERS



## OTHER ADVANTAGES OF **KDT** MOWERS

<b>Clean fodder and turf protection</b>	<ul style="list-style-type: none"> <li>- stapless regulation of cutting height (from 4,5 cm to 7 cm)</li> <li>- use of topping plates possible (increases cutting height to 6 cm - 9 cm) or double topping plates (increases cutting height to 8 cm - 12 cm)</li> <li>- high level of ground following: <b>+/- 30 degrees</b></li> <li>- eliminates tedding thanks to application of conditioners - saves time of fodder collection</li> </ul>
<b>Customer friendly use</b>	<ul style="list-style-type: none"> <li>- automatic locking for headlands</li> <li>- hydraulic lifting to headlands and transport</li> <li>- mechanical transport locking</li> <li>- adjustable lower hitch pins for easier attachment to various types of tractors</li> </ul>
<b>Servicing and spare parts</b>	<ul style="list-style-type: none"> <li>- low operating costs</li> <li>- most of maintenance works to be done on user's own</li> </ul>
<b>Proven design</b>	<ul style="list-style-type: none"> <li>- more than <b>20 years</b> of experience in manufacturing of disc mowers</li> <li>- own design of <b>PerfectCUT</b> cutterbar tested on markets across the world</li> <li>- <b>2 year warranty</b></li> </ul>
<b>Farmers' trust</b>	<ul style="list-style-type: none"> <li>- more than 10 000 KDT mowers working on fields across the world</li> </ul>

## OPTIONAL EQUIPMENT (more on p. 22-23)

Cutting disc with instep



Topping plates / Double topping plates



Rubber swath guide - double



Two swath cutterbar configuration  
 (only KDT 341)



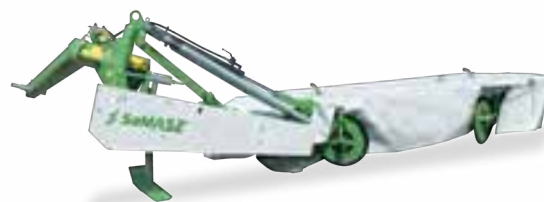




## REAR DISC MOWERS

### KDT

- side suspension
- **PerfectCUT** cutterbar



#### Standard equipment:

PerfectCUT cutterbar with quick knife replacement system • **SafeGEAR** system • Hardened slides • Wearing plates on sliding skids • Mechanical safety breakaway device • Hydraulic cylinder • Support springs • Swath width adjustment • Swath guides • Latch mechanism for headlands and transport • Regulated lower hitch pins • PTO shaft • Additional knives and knife mounting lever • Limiting chain • Regulated support leg

	KDT 220	KDT 260	KDT 300	KDT 340	KDT 341*	KDT 220 W*	KDT 260 S / SL*	KDT 260 W*
Working width [m / ft]	2,20 / 7'2"	2,60 / 8'7"	3,00 / 9'10"	3,40 / 11'2"	3,40 / 11'2"	2,20 / 7'2"	2,60 / 8'7"	2,60 / 8'7"
Transport width / height [m / ft]	2,15 / 2,85 7'1" / 9'4"	2,15 / 3,40 7'1" / 11'2"	2,15 / 3,75 7'1" / 12'3"	2,20 / 4,20 7'2" / 13'8"	2,20 / 4,20 7'2" / 13'8"	2,15 / 2,95 7'1" / 9'7"	2,15 / 3,40 7'1" / 11'2"	2,20 / 3,40 7'2" / 11'2"
Swath width [m / ft]	1,00 - 1,40 / 3'4" - 4'7"	1,20 - 1,80 / 3'11" - 5'11"	1,30 - 1,90 / 4'4" - 6'3"	1,40 - 2,00 / 4'7" - 6'7"	2,30 - 2,80 / 7'7" - 9'2"	1,00 - 1,30 / 3'4" - 4'4"	1,00 - 1,30 / 3'4" - 4'4"	1,00 - 1,30 / 3'4" - 4'4"
Necessary hydraulic couplers	1 x single acting							
Working capacity [ha/h / ac/h]	~ 2,50 / ~ 6,20	~ 3,00 / ~ 7,40	~ 3,50 / ~ 8,70	~ 4,00 / ~ 10,00	~ 4,00 / ~ 10,00	~ 2,00 / ~ 5,00	~ 2,80 / ~ 7,00	~ 2,80 / ~ 7,00
Number of discs [pcs.] Number of knives [pcs.]	5 / 10	6 / 12	7 / 14	8 / 16	8 / 16	5 / 10	6 / 12	6 / 12
RPM	540							
3-point hitch cat.	II							
Power demand [HP]	from 50	from 70	from 80	from 90	from 90	from 70	from 90	from 90
Weight [kg / lbs]	670 / 1480	725 / 1600	785 / 1730	825 / 1820	825 / 1820	950 / 2095	995 / 2195	1005 / 2215
PTO shaft	tractor - mower: with overrunning clutch					tractor - mower: with overrunning clutch built in: with overload clutch		
Single rubber swath guide [pcs.]	2	1	-	-	2	Metal swath guides in conditioner		
Double rubber swath guide [pcs.]	-	1	2	2	-			

\* S / SL - tine conditioner / light-weight tine conditioner with plastic tines  
\* W - roller conditioner

# ADVANTAGES OF KDTC MOWERS

## Central suspension

- work unit located in the center of gravity - even support across the whole cutterbar width,
- perfect ground following enabling work on uneven ground

## Rubber swath guides

- width adjustment as needed
- \*KDTC 341 rubber swath guide - single in standard

## PerfectCUT Cutterbar

\*more on p. 12-13

## Safety guard

- lifted for easier maintenance
- safety curtain - protects against stones
- resistant to weather conditions

## Support springs

- adjustable work unit support - high level of ground following

## Hydraulic safety breakaway device

- protection of mower against damage
- if obstacle is hit the unit is retracted by 24° and at the same time lifted by approx. 50 cm / 1'8"

## Patented latch

- unique mechanical solution
- reliable and easy in operation
- three modes:
  - transport, work, parking

## Intersecting axis gear

- drive transmission through PTO shafts,
- low-noise operation

Roller conditioner  
(only for KDTC 261 W, 301 W)  
\*more on p. 15

Tine conditioner  
(only for KDTC 261 S/SL, 301 S/SL)  
\*more on p. 14

## OTHER ADVANTAGES OF KDTC MOWERS

### Clean fodder and turf protection

- stapless regulation of cutting height (from 4,5 cm to 7 cm)
- use of topping plates possible (increases cutting height to 6 cm - 9 cm) or double topping plates (increases cutting height to 8 cm - 12 cm)
- high level of ground following: +/- 24 degrees
- eliminates tedding thanks to application of conditioners - saves time of fodder collection

### Customer friendly use

- automatic locking for headlands
- hydraulic lifting to headlands and transport
- mechanical transport locking
- adjustable lower hitch pins for easier attachment to various types of tractors

### Servicing and spare parts

- low operating costs
- most of maintenance works to be done on user's own

### Proven design

- more than **20 years** of experience in manufacturing of disc mowers
- own design of **PerfectCUT** cutterbar tested on markets across the world
- **2 year warranty**

### Farmers' trust

- more than 1 000 KDTC mowers working on fields across the world

## OPTIONAL EQUIPMENT

(more on p. 22-23)

Cutting disc with instep

Topping plates / Double topping plates

Rubber swath guide - double

Warning Plates with LED lights [pcs.]







## REAR DISC MOWERS

### KDTC

- central suspension
- **PerfectCUT** cutterbar



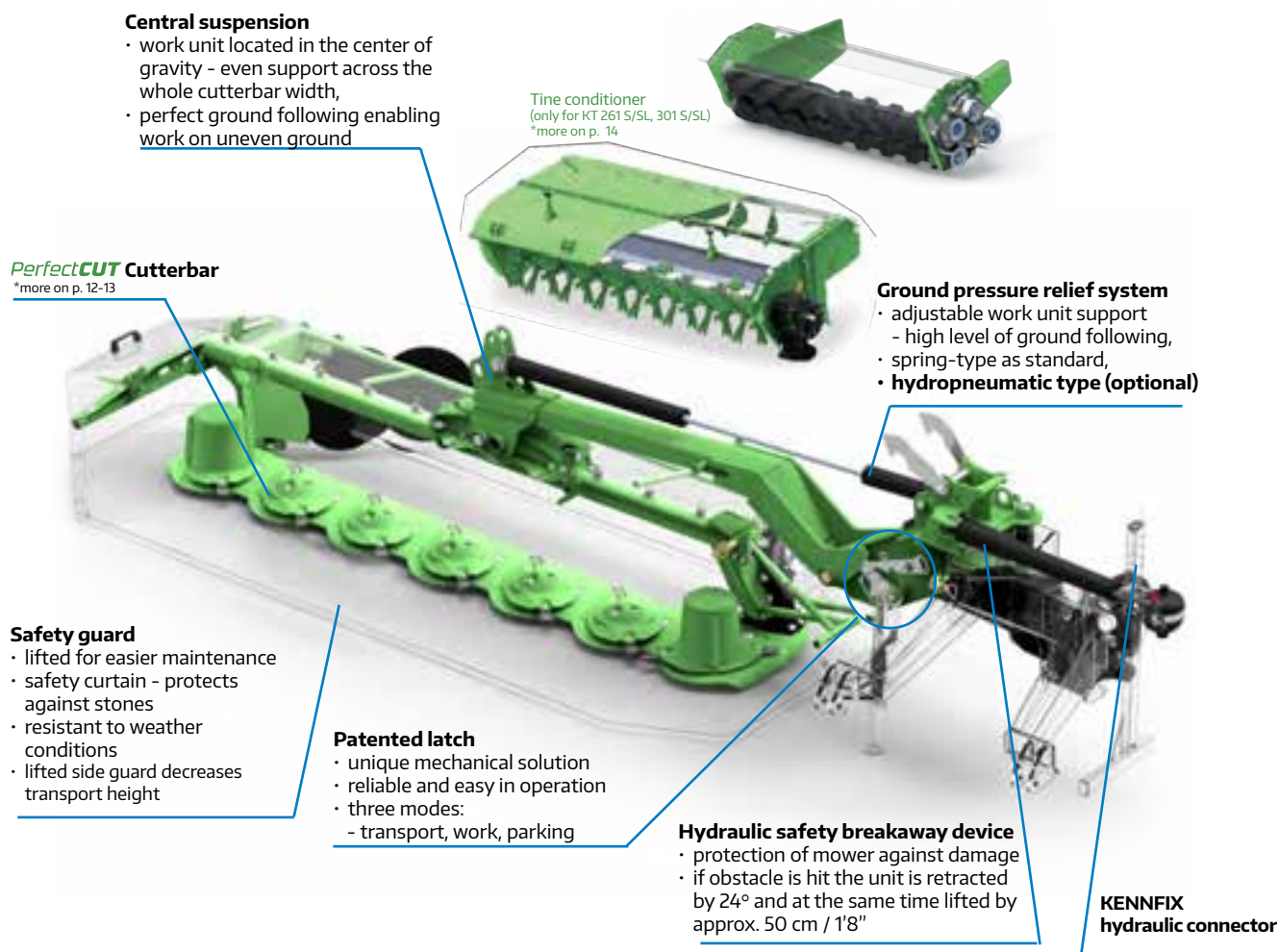
#### Standard equipment:

PerfectCUT cutterbar with quick knife replacement system • **SafeGEAR** system • Hardened slides • Wearing plates on sliding skids • Hydraulic cylinder • Central suspension • Support springs • Swath width regulation • **Patented latch (headlands, transport, parking)** • Regulated hitch pins • Limiting chain • PTO shaft • Additional knives and knife mounting lever • Regulated support leg

TECHNICAL DETAILS		KDTC 261	KDTC 301	KDTC 341	KDTC 261 S / SL*	KDTC 261 W*	KDTC 301 S / SL*	KDTC 301 W*
	Working width [m / ft]	2,60 / 8'7"	3,00 / 9'10"	3,40 / 11'2"	2,60 / 8'7"	2,60 / 8'7"	3,00 / 9'10"	3,00 / 9'10"
	Transport width / height [m / ft]	2,00 / 3,40	2,00 / 3,80	2,00 / 4,20	2,00 / 3,40	2,00 / 3,40	2,00 / 3,80	2,00 / 3,80
	Swath width [m / ft]	1,50 - 1,90	1,90 - 2,30	2,30 - 2,80	1,30 - 1,90	1,00 - 1,50	1,80 - 2,30	1,50 - 2,00
	Necessary hydraulic couplers	1 x single acting						
	Working capacity [ha/h / ac/h]	~ 2,80 / ~ 7,00	~ 3,50 / ~ 8,70	~ 4,00 / ~ 10,0	~ 2,80 / ~ 7,00	~ 2,80 / ~ 7,00	~ 3,50 / ~ 8,70	~ 3,50 / ~ 8,7
	Number of discs [pcs.] Number of knives [pcs.]	6 / 12	7 / 14	8 / 16	6 / 12	6 / 12	7 / 14	7 / 14
	RPM	540 (1000 - option)			1000			
	3-point hitch cat.	II						
	Power demand [HP]	from 70	from 80	from 90	from 90	from 90	from 90	from 90
Weight [kg / lbs]	940	1020	1120	1170 / 1140	1215	1255 / 1215	1270	
PTO shaft	tractor - mower: with overrunning clutch + friction, built-in: no clutch							
Single rubber swath guide [pcs.]	1	2	2	Metal swath guides in conditioners				

\* S / SL - tine conditioner / light-weight tine conditioner with plastic tines  
\* W - roller conditioner

# ADVANTAGES OF **KT** MOWERS



## OTHER ADVANTAGES OF **KT** MOWERS

### Clean fodder and turf protection

- stapless regulation of cutting height (from 4,5 cm to 7 cm)
- use of topping plates possible (increases cutting height to 6 cm - 9 cm) or double topping plates (increases cutting height to 8 cm - 12 cm)
- **high level of ground following: +/- 24°**
- eliminates tedding thanks to application of conditioners - saves time of fodder collection

### Customer friendly use

- automatic locking for headlands
- hydraulic lifting to headlands and transport
- mechanical transport locking
- adjustable lower hitch pins for easier attachment with different types of tractors
- **KENNFIX** hydraulic connector
- stepless adjustment of hydropneumatic relief system from control panel in tractor's cabin as an option
- **three transport position:** vertically at tractor's side, vertically at tractor's rear, horizontally at tractor's rear (only for short distance)
- parking in two positions possible

### Servicing and spare parts

- low operating costs
- most of maintenance works to be done on user's own

### Proven design

- more than **20 years** of experience in manufacturing of disc mowers
- own design of **PerfectCUT** cutterbar tested on markets across the world
- **2 year warranty**

### Farmers' trust

- more than 1 000 KT mowers working on fields across the world

## OPTIONAL EQUIPMENT

(more on p. 22-23)

Hydro-pneumatic suspension



Cutting disc with instep



Topping plates / Double topping plates



Two swath cutterbar configuration (only KDT 341)



Warning Plates with LED lights [pcs.]







## REAR DISC MOWERS KT

- central suspension
- **PerfectCUT** cutterbar



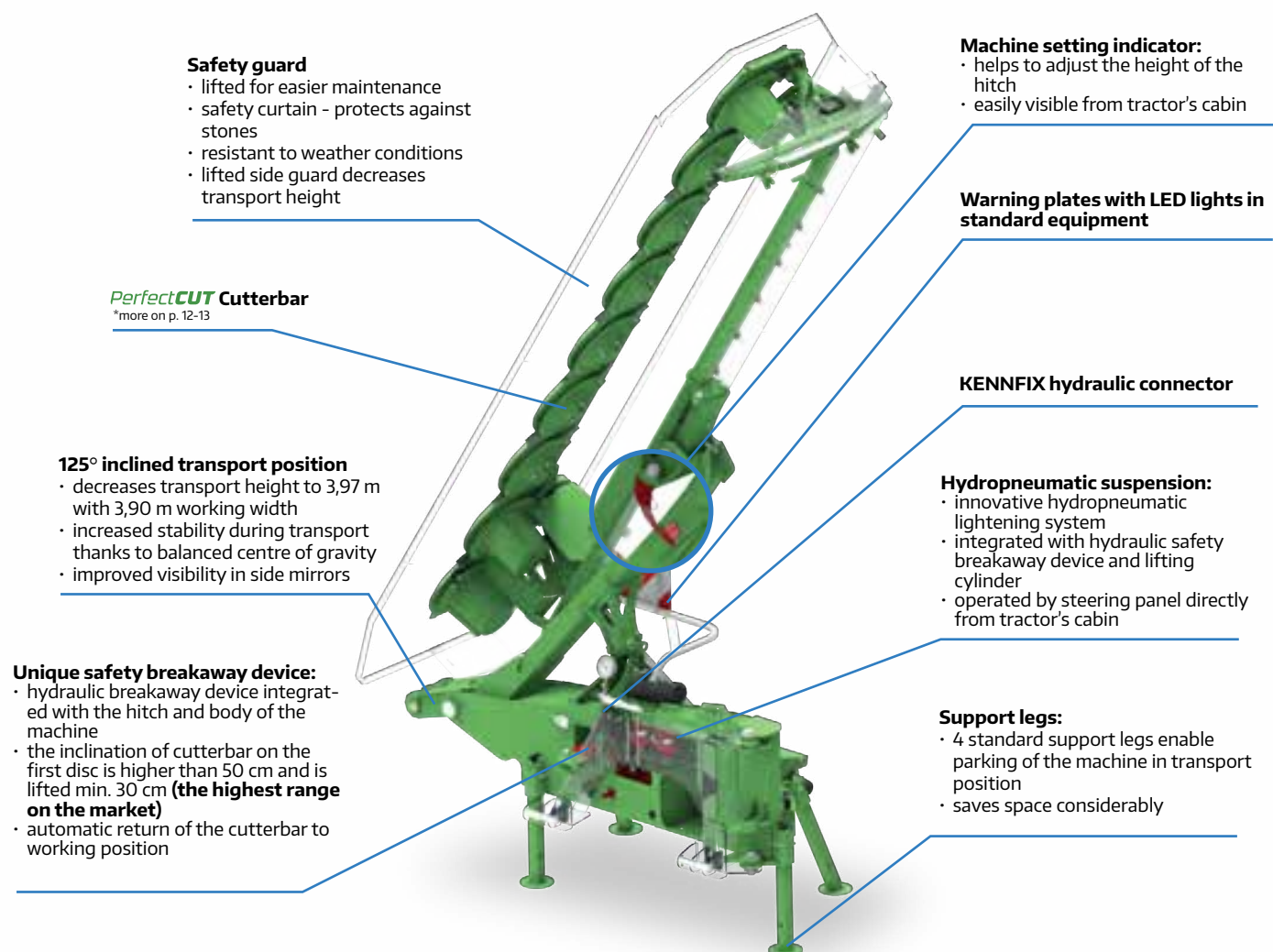
### Standard equipment:

PerfectCUT cutterbar with cutterbar with quick knife replacement system • **SafeGEAR** system • Hardened slides  
 • Wearing plates on sliding skids • Hydraulic safety device • Hydraulic cylinder • Central suspension • Support springs  
 • Cutting height adjustment • Swath width regulation • Latch mechanism (for headlands, transport and parking)  
 • Regulated lower hitch pins • Limiting chain • PTO shaft • Additional knives and knife mounting lever • Integrated gearbox (S or SL version) • 2 conditioner operating speed rates 700 and 1000 rpm • Two regulated support legs

TECHNICAL DETAILS		KT 261	KT 301	KT 341*	KT 261 S / SL*	KT 261 W*	KT 301 S / SL*	KT 301 W*	
	Working width [m / ft]	2,60 / 8'7"	3,00 / 9'10"	3,40 / 11'2"	2,60 / 8'7"	2,60 / 8'7"	3,00 / 9'10"	3,00 / 9'10"	
	Transport width / height [m / ft]	2,00 / 3,10 6'7"/10'2"	2,00 / 3,50 6'7"/11'6"	2,00 / 4,20 6'7"/13'8"	2,00 / 3,10 6'7"/10'2"	2,00 / 3,10 6'7"/10'2"	2,00 / 3,50 6'7"/11'6"	2,00 / 3,50 6'7"/11'6"	
	Swath width [m / ft]	1,50 - 1,90 / 4'11" - 6'4"	1,90 - 2,30 / 6'4" - 7'7"	2,30 - 2,80 / 7'7" - 9'2"	1,50 - 1,90/ 4'11" - 6'4"	1,00 - 1,30 / 3'4" - 4'4"	1,90 - 2,30 / 6'4" - 7'7"	1,40 - 1,70 / 4'7" - 5'7"	
	Necessary hydraulic couplers	2 x single action + 1 x double action							
	Working capacity [ha/h / ac/h]	~ 2,80 / ~ 7,00	~ 3,50 / ~ 8,70	~ 4,00 / ~ 10,00	~ 2,80 / ~ 7,00	~ 2,80 / ~ 7,00	~ 3,50 / ~ 8,70	~ 3,50 / ~ 8,70	
	Number of discs [pcs.] Number of knives [pcs.]	6 / 12	7 / 14	8 / 16	6 / 12	6 / 12	7 / 14	7 / 14	
	RPM	540 (1000 - option)				1000			
	3-point hitch cat.	II							
	Power demand [HP]	from 70	from 80	from 90	from 90	from 90	from 100	from 90	
	Weight [kg / lbs]	1000 / 2205	1060 / 2335	1130 / 2490	1300 / 2865	1390 / 3065	1350 / 2975	1490 / 3285	
	Weight with "H" [kg / lbs]	955 / 2105	1015 / 2235	1090 / 2405	1305 / 1250 1290 / 2845	1360 / 3000	1420 / 1310 1310 / 2890	1460 / 3220	
PTO shaft	tractor - mower: with friction overrunning clutch, built in: no clutch								
Single rubber swath guide [pcs.]	1	2		Metal swath guides in conditioner					



# ADVANTAGES OF XT 390 MOWERS



## OTHER ADVANTAGES OF XT MOWERS

### Clean fodder and turf protection

- stapless regulation of cutting height (from 4,5 cm to 7 cm)
- use of topping plates possible (increases cutting height to 6 cm - 9 cm) or double topping plates (increases cutting height to 8 cm - 12 cm)
- **high level of ground following: + / - 32°**

### Customer friendly use

- automatic locking for headlands
- hydraulic lifting to headlands and transport
- adjustable lower hitch pins for easier attachment with different types of tractors
- **KENNFIX** hydraulic connector
- smooth regulation of hydropneumatic pressure relief controlled by the steering panel from tractor's cabin in standard equipment
- **125° transport position**
- **parking of the machine in transport position possible thanks to 4 support legs**
- storing space saved

### Servicing and spare parts

- low operating costs
- most of maintenance works to be done on user's own

### Proven design

- more than **20 years** of experience in manufacturing of disc mowers
- own design of **PerfectCUT** cutterbar tested on markets across the world
- **2 year warranty**

## OPTIONAL EQUIPMENT

(more on p. 22-23)

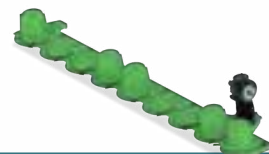
Cutting disc with instep



Topping plates / Double Topping plates



Two swath cutterbar configuration





## REAR DISC MOWERS XT 390

- central suspension
- **PerfectCUT** cutterbar



### Standard equipment:

- PerfectCUT cutterbar with quick knife replacement system • Innovative hydropneumatic pressure relief system
- Steering panel • **SafeGEAR** system • Hardened slides • Wearing plates on sliding skids • Swath width adjustment
  - Regulated lower hitch pins • Limiting chain • PTO shaft • Regulated support legs • Warning plates with LED lights
  - Additional knives and knife mounting lever • **KENNFIX hydraulic connector**

TECHNICAL DETAILS	NEW!		XT 390
	Working width [m / ft]		3,90 / 12'1"
	Transport width / height [m / ft]		2,60 / 3,98
	Swath width [m / ft]		2,40 - 2,65
	Necessary hydraulic couplers		1 x double acting
	Working capacity [ha/h / ac/h]		~ 4,50 / ~ 11,00
	Number of discs [pcs.] Number of knives [pcs.]		9 / 18
	RPM		1000
	3-point hitch cat.		II / III
	Power demand [HP]		from 100
	Weight [kg / lbs]		1290 / 2845
	PTO shaft	tractor - mower: with overrunning clutch + friction; built-in: no clutch	
	Single rubber swath guide [pcs.]		1

# ADVANTAGES OF **KDC** MOWERS

## Support springs

- high level of ground following, on uneven ground and steep slopes
- even support across the whole working width - adjustable pressure on the ground

## Drawbar Arm

- center mounted,
- enables working on both sides of the tractor and helps maneuvering

## Intersecting axis gear

- change of rpm from 540 to 1000 by rotating main gearbox 180°

## Hitch

- torsional gearbox and swivel design for easier maneuvering

## Drive Transmission

- PTO shaft placed inside drawbar - protection against damages and weather conditions

## KENNFIX hydraulic connector

## Wide wheels 340 / 55 / 16

- enable high stability during work and transport
- reduce mower's pressure on the ground
- special profile of the tires protect the stubble against damage

## PerfectCUT Cutterbar

\*more on p. 12-13

## Safety guard

- lifted for easier maintenance
- safety curtain - protects against stones
- resistant to weather conditions
- lifted side guard decreases transport height

## OTHER ADVANTAGES OF **KDC** MOWERS

### Clean fodder and turf protection

- stapless regulation of cutting height (from 4,5 cm to 7 cm)
- use of topping plates possible (increases cutting height to 6 cm - 9 cm) or double topping plates (increases cutting height to 8 cm - 12 cm)
- perfect ground following also on uneven and steep terrain
- lower pressure on the ground thanks to road wheels
- eliminates tedding thanks to application of conditioners - saves time of fodder collection

### Customer friendly use

- hydraulic lifting for headlands and transport
- mechanical transport locking
- foldable side guards for comfortable transport
- **KENNFIX** hydraulic connector
- **change of rpm possible by reversing main gearbox by 180°**
- wide wheels (340 / 55 / 16) for stability during transport
- easy forming of swath with swath guides

### Servicing and spare parts

- low operating costs
- most of maintenance works to be done on user's own

### Proven design

- more than **20 years** of experience in manufacturing of disc mowers
- own design of **PerfectCUT** cutterbar tested on markets across the world
- 2 year warranty

### Farmers' trust

- more than 400 KDC mowers working on fields across the world - Finland, Spain, Turkey, USA, Saudi Arabia

## OPTIONAL EQUIPMENT (more on p. 22-23)

Cutting disc with instep

Topping plates / Double Topping plates







## REAR DISC MOWERS

### KDC

- trailed
- **PerfectCUT** cutterbar

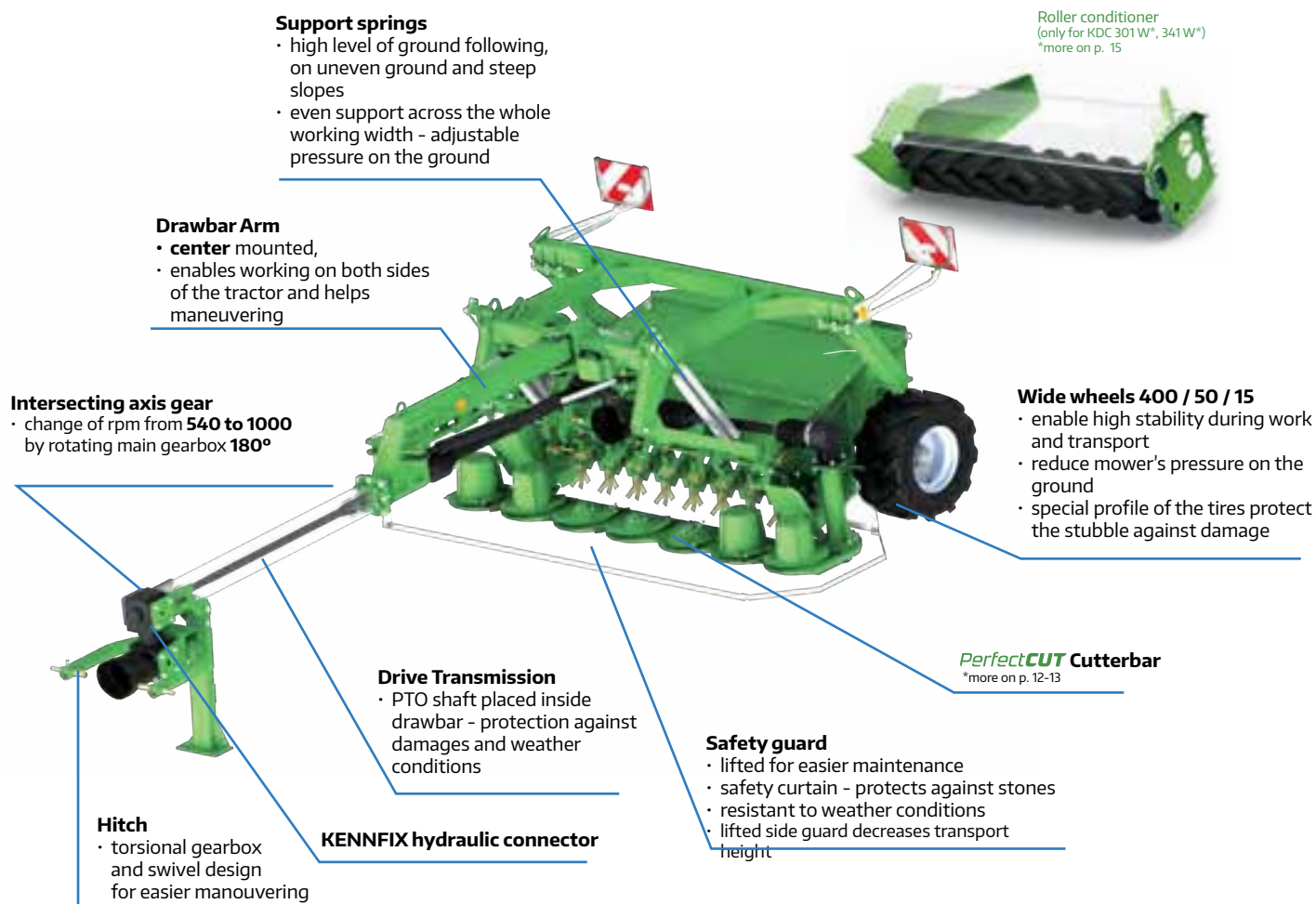


#### Standard equipment:

PerfectCUT cutterbar cutterbar with quick knife replacement system • **safeGEAR** system • Hardened slides • Wearing plates on sliding skids • Support springs • Cutting height adjustment • Swath width regulation • Belt conveyor (T version) • PTO shaft • Additional knives and knife mounting lever • Hydraulic cylinders • **KENNFIX hydraulic connector**

TECHNICAL DETAILS	KDC 260		KDC 300		KDC 340	
	Working width [m / ft]	2,60 / 8'7"	3,00 / 9'10"	3,00 / 9'10"	3,40 / 11'2"	3,40 / 11'2"
	Transport width [m / ft]	2,60 / 8'7"	3,00 / 9'10"	3,00 / 9'10"	3,50 / 11'6"	3,50 / 11'6"
	Swath width [m / ft]	1,50 - 1,90 / 4'11"-6'3"	1,30 - 1,50 / 4'4" - 4'11"	1,30 - 1,50 / 4'4" - 4'11"	1,80 / 5'11"	1,80 / 5'11"
	Necessary hydraulic couplers	1 x single acting 1 x double acting				
	Working capacity [ha/h / ac/h]	~ 3,20 / ~8,20	~ 3,50 / ~ 8,70	~ 3,50 / ~ 8,70	~ 4,00 / ~ 10,00	~ 4,00 / ~ 10,00
	Number of discs [pcs.] Number of knives [pcs.]	6 / 12	7 / 14	7 / 14	8 / 16	8 / 16
	Tires	340 / 55 / 16				
	RPM	540 / 1000				
	3-point hitch cat.	II				
	Power demand [HP]	from 60	from 80	from 80	from 90	from 90
	Weight [kg / lbs]	1550 / 3420	1650 / 3640	1650 / 3640	1755 / 3870	1755 / 3870
	PTO shaft	tractor - mower: with friction clutch, built-in: 1. no clutch, 2. with overrunning clutch, 3. with overload clutch, 4. wide-angle u-joint				

# ADVANTAGES OF KDC S / SL, KDC W MOWERS



## OTHER ADVANTAGES OF KDC S / SL, KDC W MOWERS

<b>Clean fodder and turf protection</b>	<ul style="list-style-type: none"> <li>- stepless mowing height adjustment</li> <li>- use of topping plates possible (increases cutting height to 6 cm - 9 cm) or double topping plates (increases cutting height to 8 cm - 12 cm)</li> <li>- perfect ground following, also on uneven ground and steep slopes</li> <li>- lower pressure on the ground thanks to road wheels</li> <li>- eliminates tedding thanks to application of conditioners - saves time of fodder collection</li> </ul>
<b>Customer friendly use</b>	<ul style="list-style-type: none"> <li>- hydraulic lifting for headlands and transport</li> <li>- mechanical transport locking</li> <li>- foldable side guards for comfortable transport</li> <li>- <b>KENNFIX hydraulic connector</b></li> <li>- <b>change of rpm possible by reversing main gearbox by 180°</b></li> <li>- wide wheels (400 / 50 / 15) for stability during transport</li> <li>- easy forming of swath with swath guides</li> </ul>
<b>Servicing and spare parts</b>	<ul style="list-style-type: none"> <li>- low operating costs</li> <li>- most of maintenance works to be done on user's own</li> </ul>
<b>Proven design</b>	<ul style="list-style-type: none"> <li>- more than <b>20 years</b> of experience in manufacturing of disc mowers</li> <li>- own design of <b>PerfectCUT</b> cutterbar tested on markets across the world</li> <li>- 2 year warranty</li> </ul>
<b>Farmers' trust</b>	<ul style="list-style-type: none"> <li>- more than 400 KDC mowers working on fields across the world - Finland, Spain, Turkey, USA, Saudi Arabia</li> </ul>

## OPTIONAL EQUIPMENT

(more on p. 22-23)

Belt conveyor

Cutting disc with instep

Topping plates / Double Topping plates







## REAR DISC MOWERS KDC S / SL, KDC W

- trailed
- **PerfectCUT** cutterbar

### Standard equipment:

PerfectCUT cutterbar with quick knife replacement system • **SAFEGEAR** system • Hardened slides • Wearing plates on sliding skids • Support springs • Cutting height adjustment • Swath width regulation • Belt conveyor (T version) • PTO shaft • Additional knives and knife mounting lever • Hydraulic cylinders • **KENNFIX hydraulic connector**



TECHNICAL DETAILS		KDC 260 S	KDC 300 S / SL*	KDC 301 W*	KDC 340 S / SL*	KDC 341 W*
	Working width [m / ft]	2,60 / 8'7"	3,00 / 9'10"		3,40 / 11'2"	
	Transport width [m / ft]	2,60 / 8'7"	3,00 / 9'10"		3,40 / 11'2"	
	Swath width [m / ft]	1,50 - 1,90 / 4'11"-6'3"	1,00 - 1,60 / 3'3" - 5'3"		1,30 - 2,00 / 4'4" - 6'7"	
	Necessary hydraulic couplers	1 x single acting 1 x double acting				
	Working capacity [ha/h / ac/h]	~ 3,20 / ~8,20	~ 3,50 / ~ 8,70		~ 4,00 / ~ 10,00	
	Number of discs [pcs.] Number of knives [pcs.]	6 / 12	7 / 14		8 / 16	
	Tires	400 / 50 / 15				
	RPM	540 / 1000				
	3-point hitch cat.	II				
	Power demand [HP]	from 70	from 90		from 110	
	Weight [kg / lbs]	1850 / 4080	1910 / 4210	2100 / 4630	2095 / 4620	2280 / 5025
	Weight with belt conveyor „T“ [kg / lbs]	2250 / 4960	2350 / 2310 5180 / 5090	2500 / 5510	2495 / 2445 5500 / 5390	2680 / 5910
	Necessary hydraulic couplers with „T“	+ 1 x single acting      + 1 x double acting				
PTO shaft	tractor - mower: with friction clutch, built-in: 1. no clutch, 2. with overrunning clutch, 3. with overload clutch, 4. wide-angle u-joint					



# ADVANTAGES OF **KDF** MOWERS

## Pull-type hitch

- the highest range of ground following in 3-dimensions according to German agricultural magazine PROFI (PROFI - Test 01/2017)
- mechanic transport lock
- **mounted on front 3-point linkage triangle: tractor's triangle in standard equipment**

## Safety guard

- lifted for easier maintenance
- safety curtain - protects against stones
- resistant to weather conditions
- lifted side guard decreases transport height

## Rubber swath guides

- easier swath forming between tractor wheels - cleaner fodder,
- swath width adjustment as needed

## Support springs

- even support across the whole working width - regulated pressure on the ground
- lesser resistance during work even with high velocity - turf protection and cleaner fodder

## Intersecting axis gear

- drive transmission through PTO shafts,
- **change of rpm** direction by rotating main gearbox 180°,
- low-noise operation

## PerfectCUT Cutterbar

\* more on p. 12-13

Roller conditioner  
(only for KDF 301 W, 341 W)  
\* more on p. 15

Tine conditioner  
(only for KDF 301 S/SL, 341 S/SL)  
\* more on p. 14

## OTHER ADVANTAGES OF **KDF** MOWERS

### Clean fodder and turf protection

- stapless regulation of cutting height (from 4,5 cm to 7 cm)
- use of topping plates possible (increases cutting height to 6 cm - 9 cm) or double topping plates (increases cutting height to 8 cm - 12 cm)
- perfect ground following also on uneven and steep terrain
- eliminates tedding thanks to application of conditioners - saves time of fodder collection

### Customer friendly use

- hydraulic lifting for headlands and transport
- mechanical transport locking
- work with forage collecting machines (self-collecting trailers, balers) possible
- foldable side guards for comfort transport
- change of rpm possible by reversing main gearbox - work with tractors with **left- or right-hand** PTO rpms
- work with side shift adapter reduces the risk of leaving strips of uncut grass while working on headlands and slopes

### Proven design

- more than **20 years** of experience in manufacturing of disc mowers
- own design of **PerfectCUT** cutterbar tested on markets across the world
- 2 year warranty

### Farmers' trust

- more than 4 000 KDF mowers working on fields across the world

## OPTIONAL EQUIPMENT (more on p. 22-23)

Cutting disc with instep



Topping plates / Double topping plates



Warning Plates

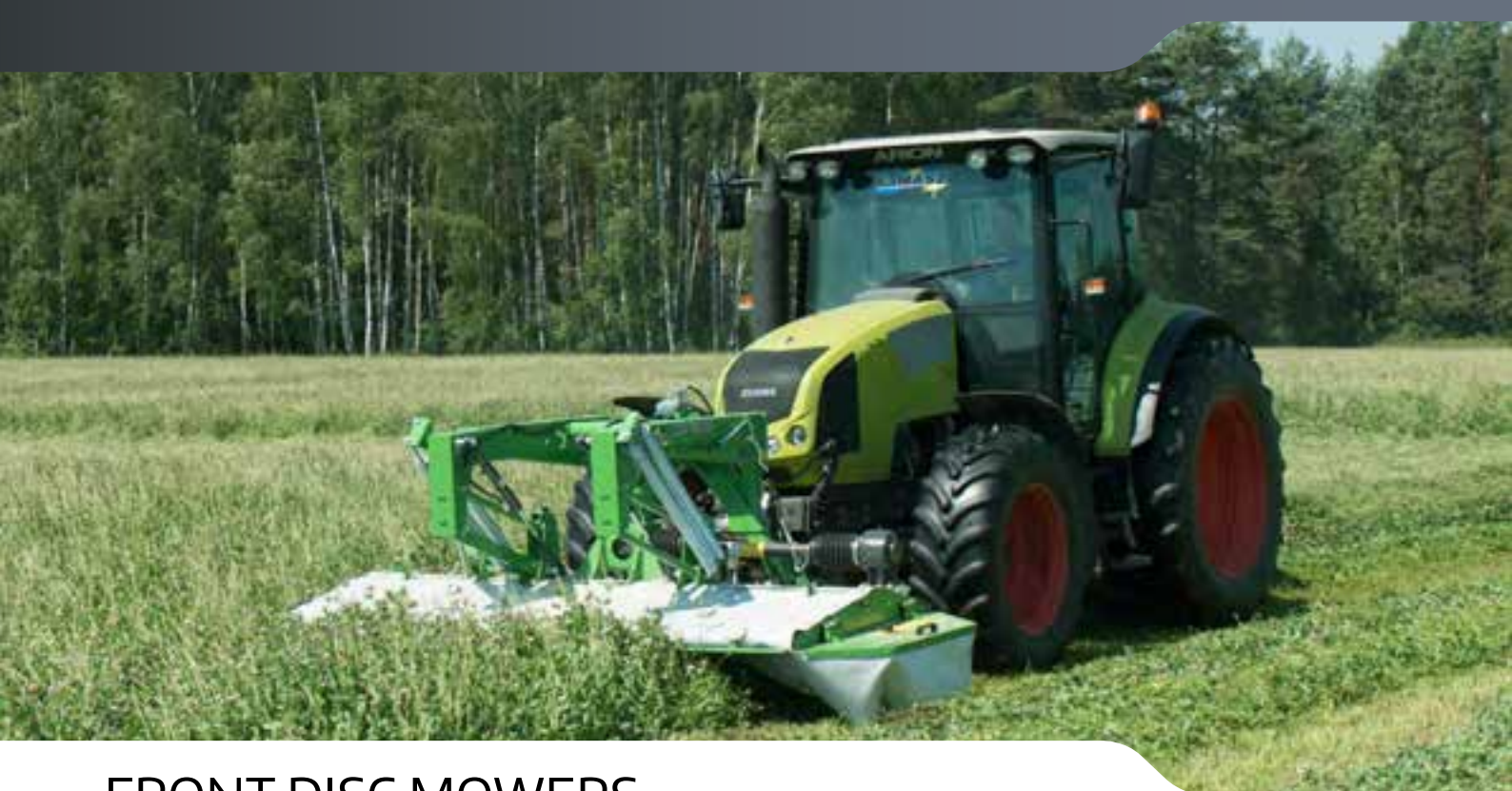


Side Shift Adapter  
(185 mm side shift)



Extended swath guides





# FRONT DISC MOWERS

## KDF

• *PerfectCUT* cutterbar



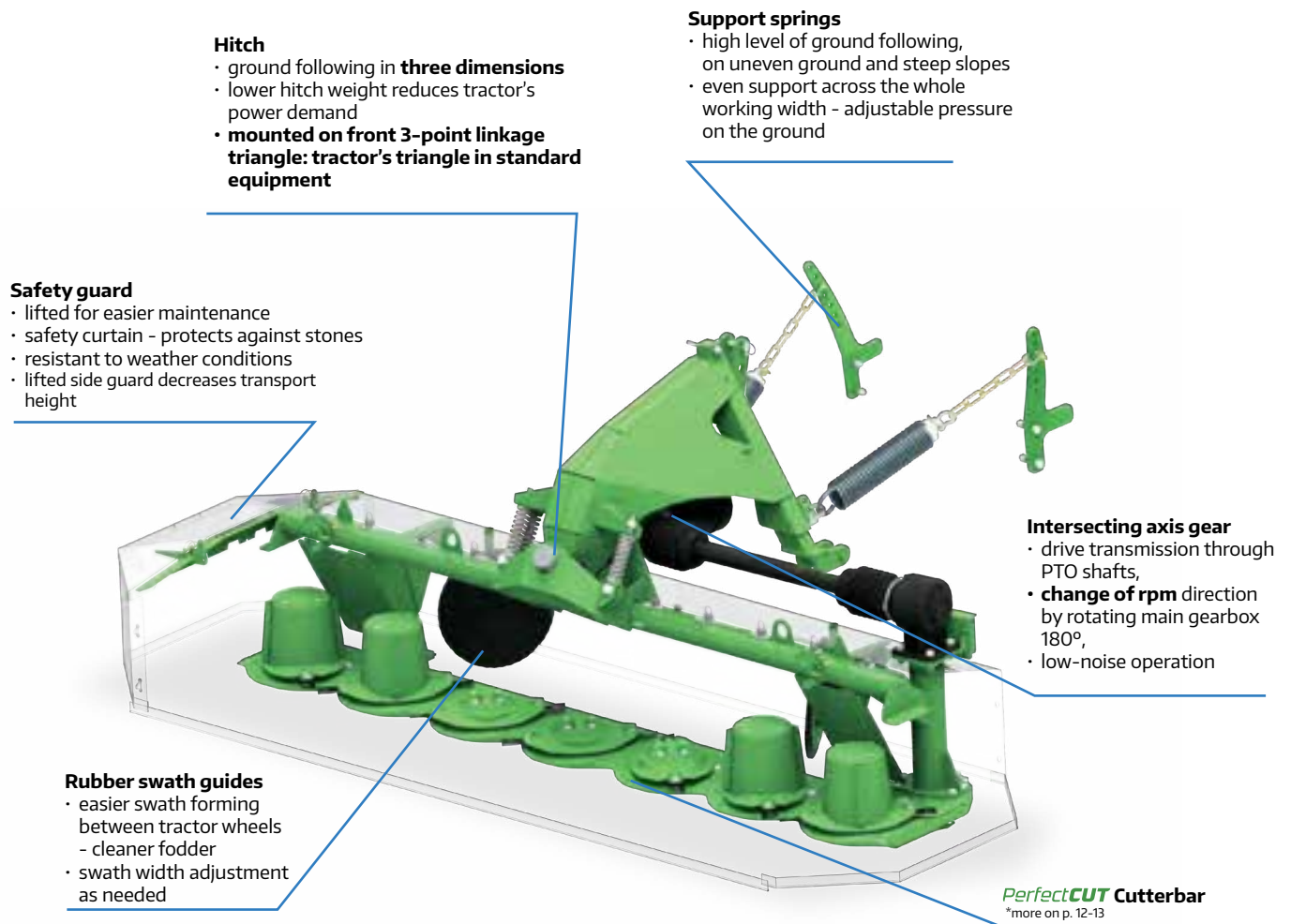
### Standard equipment:

*PerfectCUT* cutterbar with quick knife replacement system • **SafeGEAR** system • Hardened slides • Wearing plates on sliding skids • Hydraulic cylinders • Support springs • Stepless regulation of working height • Swath width regulation • PTO shaft • Additional knives and knife mounting lever • Front mounting triangle • Mechanical lock for transport (not applicable KDF 390 FORTSCHRITT)

TECHNICAL DETAILS		KDF 260	KDF 300	KDF 340	KDF 301 S / SL*		KDF 301 W*	KDF 341 S / SL*		KDF 341 W*	KDF 390 FOR TRACTOR	KDF 390 FORTSCHRITT	
	Working width [m / ft]	2,60 / 8'7"	3,00 / 9'10"	3,40 / 11'2"	3,00 / 9'10"			3,40 / 11'2"			3,90 / 12'1"	3,90 / 12'1"	
	Transport width [m/ft]	2,60 / 8'7"	3,00 / 9'10"	3,40 / 11'2"	3,00 / 9'10"			3,40 / 11'2"			3,80 / 12'8"	3,80 / 12'8"	
	Swath width [m / ft]	~ 01,00 -1,20 / ~ 2'11" - 3'7"	~ 1,30 - 1,50 / ~ 4'4" - 4'11"	~ 1,40 -1,80 / 5'11"	~ 1,20 - 2,00 / ~ 4'11" - 6'7"	~ 1,10 - 1,70 / ~ 3'7" - 5'7"		~ 1,40 - 2,40 / ~ 6'3" - 7'11"	~ 1,30 - 2,10 / ~ 4'11" - 6'11"		~ 1,40 - 2,30 / ~ 4'7" - 7'2"	~ 1,40 - 2,30 / ~ 5'3" - 7'7"	
	Necessary hydraulic couplers	1 x single acting											-
	Working capacity [ha/h / ac/h]	~ 2,80 / 7,00	~ 3,50 / 8,70	~ 4,00/10,00	~ 3,50 / 8,70			~ 4,00 / 10,00			~ 4,50/ 11,00	~ 3,00 / 7,50	
	Number of discs [pcs.] Number of knives [pcs.]	6 / 12	7 / 14	8 / 16	7 / 14			8 / 16			9 / 18	9 / 18	
	RPM	1000											
	3-point hitch cat.	II											-
	Power demand [HP]	from 70	from 80	from 90	from 100			from 110				from 82	
	Weight [kg / lbs]	805 / 1775	940 / 2075	1020 / 2250	1260 / 2775	1360 / 3000		1340 / 2955	1475 / 3250		1065/ 2335	820 / 1810	
	PTO shaft	tractor - mower: with friction clutch built in: with overrunning clutch			tractor - mower: with friction clutch, built-in: 1. with overload clutch, 2. with overrunning clutch						tractor- mower: with friction clutch built-in: with overrunning clutch	tractor - mower: with overrunning friction clutch	
Single rubber swath guide [pcs.]	2	2	-	Metal swath guides in conditioner						-	-		
Double rubber swath guide [pcs.]	-	-	2							2	2		

\* S / SL - tine conditioner / light-weight tine conditioner with plastic tines

# ADVANTAGES OF **TORO** MOWERS



## OTHER ADVANTAGES OF **TORO** MOWERS

<b>Clean fodder and turf protection</b>	<ul style="list-style-type: none"> <li>- stapless regulation of cutting height (from 4,5 cm to 7 cm)</li> <li>- use of topping plates possible (increases cutting height to 6 cm - 9 cm) or double topping plates (increases cutting height to 8 cm - 12 cm)</li> <li>- perfect ground following also on uneven and steep terrain</li> <li>- light design - smaller pressure on the ground</li> </ul>
<b>Customer friendly use</b>	<ul style="list-style-type: none"> <li>- work with forage collecting machines (self-collecting trailers, balers) possible</li> <li>- foldable side guards for comfortable transport</li> <li>- change of rpm possible by reversing main gearbox - work with tractors with <b>left- or right-hand</b> PTO rpm</li> </ul>
<b>Servicing and spare parts</b>	<ul style="list-style-type: none"> <li>- low operating costs</li> <li>- most of maintenance works to be done on user's own</li> </ul>
<b>Proven design</b>	<ul style="list-style-type: none"> <li>- more than <b>20 years</b> of experience in manufacturing of disc mowers</li> <li>- own design of <b>PerfectCUT</b> cutterbar tested on markets across the world</li> <li>- 2 year warranty</li> </ul>

## OPTIONAL EQUIPMENT (more on p. 22-23)

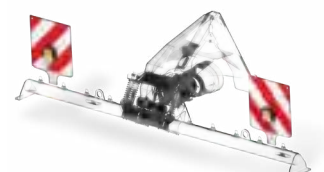
Cutting disc with instep



Topping plates / Double topping plates



Warning Plates







## FRONT DISC MOWERS TORO

- *PerfectCUT* cutterbar



### Standard equipment:

PerfectCUT cutterbar with quick knife replacement system • **SafeGEAR** system • Hardened slides • Wearing plates on sliding skids • Support springs • Cutting height adjustment • Swath width regulation • PTO shaft • Additional knives and knife mounting lever • Front mounting triangle • Support springs mounting bracket

TECHNICAL DETAILS		TORO 260	TORO 300	TORO 340
	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]	~ 1,00 - 1,20 / 2'11"-3'7"	~ 1,30 - 1,50 / 4'6" - 5'6"	~ 1,40 - 1,80 / 5'9"
	Necessary hydraulic couplers	-	-	-
	Working capacity [ha/h / ac/h]	~ 2,80 / 7,00	~ 3,50 / 8,70	~ 4,00 / 10,00
	Number of discs [pcs.]	6 / 12	7 / 14	8 / 16
	Number of knives [pcs.]			
	RPM	1000		
	3-point hitch cat.	II		
	Power demand [HP]	from 60	from 75	from 85
	Weight [kg / lbs]	640 / 1410	770 / 1700	850 / 1875
	PTO shaft	tractor - mower: with friction clutch built in: with overrunning clutch		
	Single rubber swath guide [pcs.]	2	2	-
	Double rubber swath guide [pcs.]	-	-	2

# ADVANTAGES OF KDD MOWERS

# MegaCUT



**2015 GUINNESS WORLD RECORD**  
96,2 ha / 237 acres in 8 hours

## Safety guard

- lifted for easier maintenance
- safety curtain - protects against stones
- resistant to weather conditions
- lifted side guard decreases transport height

## Ground pressure relief system

- adjustable work unit support - high level of ground following,
- spring-type as standard,
- hydropneumatic type (option)

**Warning plates** with rear road lights (standard)

## Central suspension

- work unit located in the center of gravity - even support across the whole cutterbar width,
- perfect ground following enabling work on uneven ground.

## KENNFIX hydraulic connector

### 4 support legs:

- support legs enable parking of the machine in transport position
- saves space considerably

**PerfectCUT Cutterbar**

\*more on p. 12-13

## OTHER ADVANTAGES OF KDD MOWERS

### Clean fodder and turf protection

- stapless regulation of cutting height (from 4,5 cm to 7 cm)
- use of topping plates possible (increases cutting height to 6 cm - 9 cm) or double topping plates (increases cutting height to 8 cm - 12 cm)
- high level of ground following
- if KDD is used with a front mower, combination forms three swath rows per drive

### Customer friendly use

- automatic locking for headlands
- hydraulic lifting to headlands and transport
- mechanical transport locking
- **KENNFIX** hydraulic connector
- adjustable lower hitch pins for easier attachment to various types of tractors
- stepless adjustment of hydropneumatic relief system - option
- storing in vertical position possible - less space occupied
- use of MegaCUT means time and cost savings
- **direct operation without the steering panel**

### Proven design

- more than **20 years** of experience in manufacturing of disc mowers
- own design of **PerfectCUT** cutterbar tested on markets across the world
- 2 year warranty

### Farmers' trust

- more than 1 000 KDD mowers working on fields across the world

## OPTIONAL EQUIPMENT

(more on p. 22-23)

### Hydropneumatic suspension



### Control panel



### Cutting disc with instep



### Topping plates / Double topping plates







## TWO-SIDED MOWERS

### KDD

- **PerfectCUT** cutterbar



#### Standard equipment:

PerfectCUT cutterbar with quick knife replacement system • **safeGEAR** system • Hardened slides • Wearing plates on sliding skids • Hydraulic safety device • Central suspension • Support springs • Cutting height adjustment • Swath width regulation • Transport lock mechanism • PTO shaft • Additional knives and knife mounting lever • Warning plates with road lights • Tool box • **KENNFIX hydraulic connector**

TECHNICAL DETAILS		KDD 861	KDD 911	KDD 941
	Working width [m / ft]*	8,60 / 28'2"	9,10 / 29'10"	9,40 / 30'10"
	Transport width / height [m / ft]	3,00 / 3,80 // 9'8" / 12'8"	3,00 / 3,90 // 9'8" / 12'10"	3,00 / 4,00 // 9'8" / 13'2"
	Swath width [m / ft]	2 x 1,90 - 2,30 / 2 x 6'3" - 7'7"	2 x 1,90 - 2,30 / 2 x 6'3" - 7'7"	2 x 2,30 - 2,70 / 2 x 7'7" - 8'10"
	Necessary hydraulic couplers	3 x single acting (with panel 1 x single acting)		
	Working capacity [ha/h / ac/h]*	~ 10,00 / 25,00	~ 10,50 / 27,00	~ 11,00 / 27,00
	Number of discs [pcs.] Number of knives [pcs.]	14 / 28	16 / 32	16 / 32
	RPM	1000		
	3-point hitch cat.	II / III		
	Power demand [HP]*	from 130	from 140	from 140
	Weight [kg / lbs]	2125 / 4685	2290 / 5050	2290 / 5050
	Weight with „H“ [kg / lbs]	2100 / 4630	2190 / 4830	2190 / 4830
	PTO shaft	tractor - mower: no clutch, built-in: with friction overrunning clutch		
	Single rubber swath guide [pcs.]	4		

\* Combined with a front mower.



# ADVANTAGES OF **KDD-R** MOWERS

Tine conditioner  
(only for KDD-R 861 S/SL, KDD-R 941 S/SL)  
\*more on p. 14

## Hydropneumatic suspension

- adjustable work unit support – high level of ground following,
- controlled by means of the steering panel from tractor's cabin

## KENNFIX hydraulic connector

- facilitates connection of hydraulic cords
- prevents from wrong connection

## 4 support legs:

- support legs enable parking of the machine in transport position
- saves space considerably

## Central suspension

- work unit located in the center of gravity
- even support across the whole cutterbar width,
- perfect ground following enabling work on uneven ground.

## Safety guard

- lifted for easier maintenance
- safety curtain – protects against stones
- resistant to weather conditions
- lifted side guard decreases transport height

## PerfectCUT Cutterbar

\*more on p. 12-13

## Double – sided hitch

- adjusted to work on tractors with reverse system in standard equipment
- interchangeable hitch allows for an operation as regular front-rear attachment

## Hydraulic safety breakaway device

- protection of mower against damage
- if obstacle is hit the unit is retracted by 24° and at the same time lifted by approx. 50 cm / 1' 8"

## OTHER ADVANTAGES OF **KDD-R** MOWER

### Clean fodder and turf protection

- stapless regulation of cutting height (from 4,5 cm to 7 cm)
- use of topping plates possible (increases cutting height to 6 cm – 9 cm) or double topping plates (increases cutting height to 8 cm – 12 cm)
- high level of ground following
- eliminates tedding thanks to application of conditioners – saves time of fodder collection

### Customer friendly use

- automatic locking for headlands
- hydraulic lifting to headlands and transport
- mechanical transport locking
- **KENNFIX** hydraulic connector
- adjustable lower hitch pins for easier attachment to various types of tractors
- stepless adjustment of hydropneumatic relief system
- storing in vertical position possible – less space occupied
- use of MegaCUT-R means time and cost savings
- interchangeable hitch – can be used as a regular set (**option**)

### Proven design

- more than **20 years** of experience in manufacturing of disc mowers
- own design of **PerfectCUT** cutterbar tested on markets across the world
- **2 year warranty**

## OPTIONAL EQUIPMENT

(more on p. 22-23)

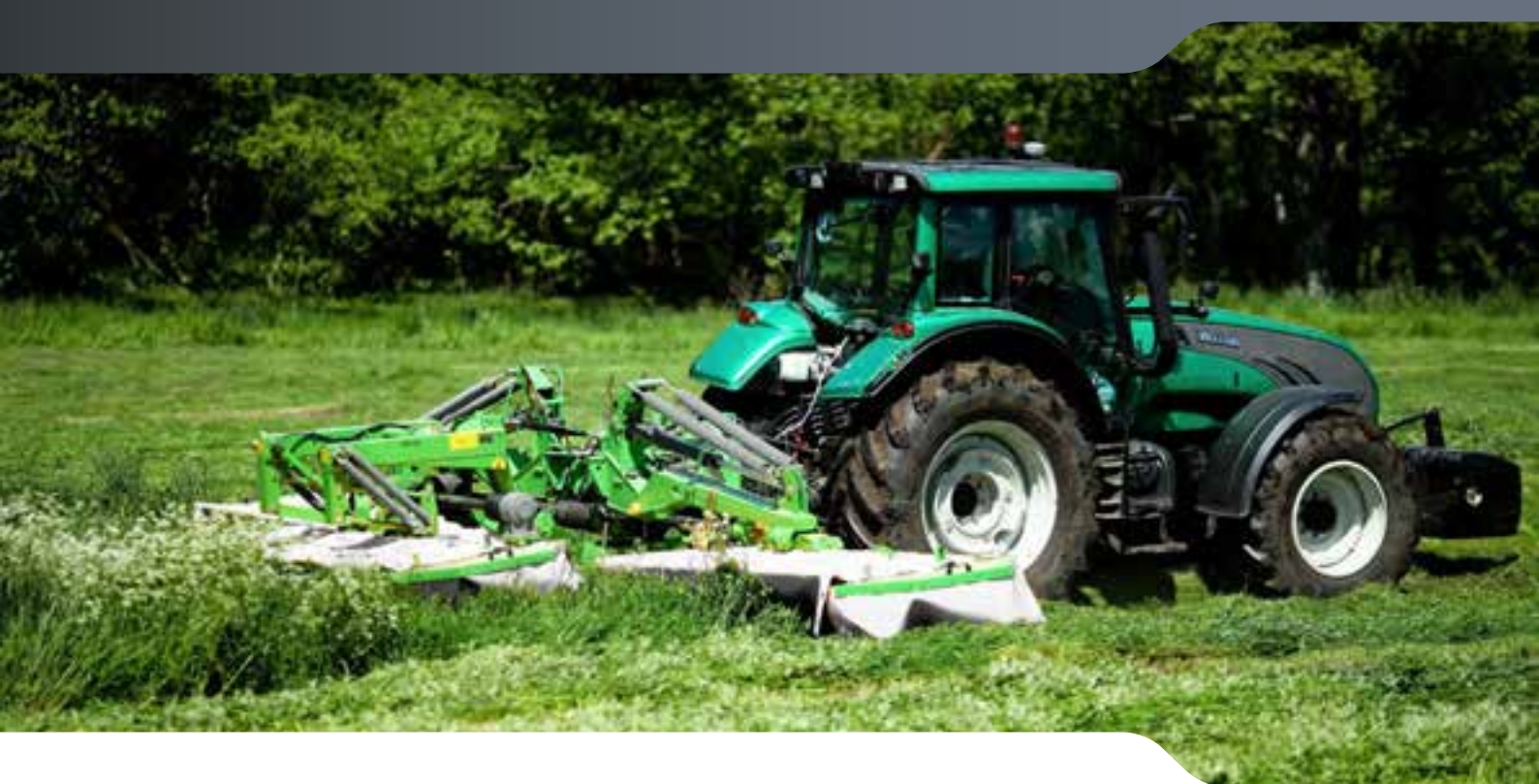
Hydropneumatic suspension

Cutting disc with instep

Topping plates / Double topping plates

Interchangeable hitch





## TWO-SIDED MOWERS

### MegaCUT-R and GigaCUT-R

- for tractors with reverse system
- **PerfectCUT** cutterbar



#### Standard equipment:

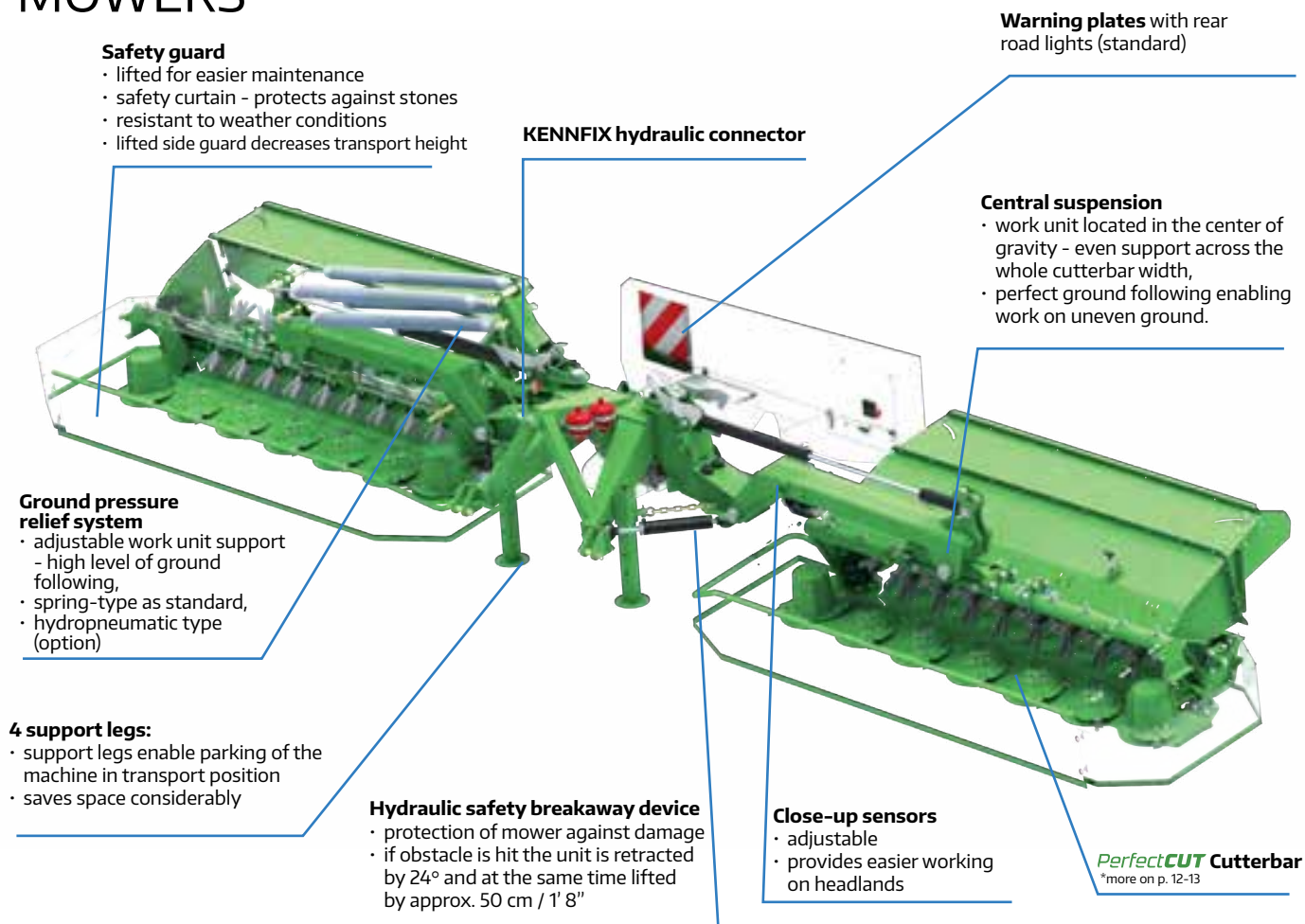
PerfectCUT cutterbar with quick knife replacement system • **SafeGEAR** system • Hardened slides • Wearing plates on sliding skids • Hydraulic safety device • Hydraulic cylinder • Central suspension • Hydropneumatic suspension • Cutting height adjustment • Swath width regulation • Lock mechanism • PTO shaft • Additional knives and knife mounting lever • Road lights • Tool box • Regulated support legs • Control panel • **KENNFIX hydraulic connector**

	MegaCUT-R 861 H	GigaCUT-R 861 SH / SLH*	MegaCUT-R 941 H	GigaCUT-R 941 SH / SLH*
Working width [m / ft]	8,60 / 28'2"	8,60 / 28'2"	9,40 / 30'10"	9,40 / 30'10"
Transport width / height [m / ft]	3,00 / 3,80 9'8" / 12'8"	3,00 / 3,80 9'8" / 12'8"	3,00 / 4,00 9'8" / 13'2"	3,00 / 4,00 9'8" / 13'2"
Swath width [m / ft]	2 x 1,90 - 2,30 2 x 6'3" - 7'7"	2 x 1,90 - 2,30 2 x 6'3" - 7'7"	2 x 2,30 - 2,70 2 x 7'7" - 8'10"	2 x 2,30 - 2,70 2 x 7'7" - 8'10"
Necessary hydraulic couplers	2 x single acting			
Working capacity [ha/h / ac/h]	~ 10,00 / 25,00		~ 11,00 / 27,00	
Number of discs [pcs.] Number of knives [pcs.]	21 (22 with front disc mower KDF 340) / 42/44		23 (24 with front disc mower KDF 340) / 46/48	
RPM	1000			
3-point hitch cat.	III			
Power demand [HP]	from 150	from 160	from 160	from 180
Weight with KDF 300 [kg]	3040 / 6700	4210 / 4010 // 9280 / 8840	3130 / 6900	4610 / 4410 // 10165 / 9725
Weight with KDF 340 [kg]	3120 / 6880	4090 / 3890 // 9015 / 8575	3210 / 7075	4490 / 4290 // 9900 / 9460
PTO shaft	tractor - mower: no clutch built-in: with overrunning friction clutch			
Single rubber swath guide [pcs.]	4	-	4	-

\* S / SL - tine conditioner / light-weight tine conditioner with plastic tines

# ADVANTAGES OF KDD S / SL, W MOWERS

# GigaCUT



## OTHER ADVANTAGES OF KDD S / SL, W MOWERS

### Clean fodder and turf protection

- stapless regulation of cutting height (from 4,5 cm to 7 cm)
- use of topping plates possible (increases cutting height to 6 cm - 9 cm) or double topping plates (increases cutting height to 8 cm - 12 cm)
- high level of ground following
- if KDD is used with a front mower, combination forms three swath rows per drive
- eliminates tedding thanks to application of conditioners - saves time of fodder collection

### Customer friendly use

- mower functions are controlled from an electronic control panel (version with belt conveyors) - option in others
- automatic locking for headlands
- hydraulic lifting to headlands and transport
- **KENNFIX** hydraulic connector
- mechanical transport locking
- adjustable lower hitch pins for easier attachment to various types of tractors
- hydropneumatic relief adjustment controlled from a control panel in tractor's cabin as an option
- storing in vertical position possible - less space occupied

### Proven design

- more than **20 years** of experience in manufacturing of disc mowers
- own design of **PerfectCUT** cutterbar tested on markets across the world
- **2 year warranty**

### Farmers' trust

- more than 1 000 KDD mowers working on fields across the world

## OPTIONAL EQUIPMENT (more on p. 22-23)

Hydropneumatic suspension



Control panel



Cutting disc with instep



Topping plates / Double topping plates







## TWO-SIDED MOWERS KDD S, S / SL, W

- tine or roller conditioners
- belt conveyors
- **PerfectCUT** cutterbar



### Standard equipment:

PerfectCUT cutterbar with quick knife replacement system • **SafeGEAR** system • Hardened slides • Wearing plates on sliding skids • Hydraulic safety device • Hydraulic cylinders • Central suspension • Support springs • Swath width regulation • Lock mechanism • PTO shaft • Additional knives and knife mounting lever • Road lights • Tool box • Regulated support legs • **KENNFIX hydraulic connector**

TECHNICAL DETAILS		KDD 861 S / ST*	KDD 861 W/WT*	KDD 941 S / ST*	KDD 941 W/WT*
	Working width [m / ft]**	8,60 / 28'2"	8,60 / 28'2"	9,40 / 30'10"	9,40 / 30'10"
	Transport width / height [m / ft]	3,00 / 3,80 9'8" / 12'8"	3,00 / 3,80 9'8" / 12'8"	3,00 / 3,95 9'8" / 13'	3,00 / 3,95 9'8" / 13'
	Swath width [m / ft]	2 x 1,90 - 2,30 2 x 6'3" - 7'7"	2 x 1,40 - 2,00 2 x 4'7" - 6'7"	2 x 2,30 - 2,70 2 x 7'7" - 8'1"	2 x 1,80 - 2,30 2 x 5'11" - 7'7"
	Necessary hydraulic couplers	3 x single acting (with panel 1 x single acting)			
	Working capacity [ha/h / ac/h]**	~ 10,00 / 25,00		~ 11,00 / 27,00	
	Number of discs [pcs.] Number of knives [pcs.]	14 / 28		16 / 32	
	RPM	1000			
	3-point hitch cat.	III			
	Power demand [HP]**	from 160	from 160	from 180	from 180
Weight [kg / lbs]	2920 / 3791	3080 / 3951	3120 / 4057	3010 / 3947	
Weight with „H“ [kg / lbs]	2785 / 3656	2940 / 3811	3020 / 3870	2875 / 3812	
PTO shaft	tractor - mower: no clutch, built-in: with overrunning friction clutch				
Single rubber swath guide [pcs.]	Metal swath guides in conditioner				

\* S / SL - tine conditioner / light-weight tine conditioner with plastic tines  
\* W - roller conditioner

# Selected SaMASZ machines

drum mowers



disc mowers



rotary rakes and tedders







flail mowers



snow plows



tractor gritters and sweepers







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True passion and constant seeking of the best solutions are amongst the ideas, which have been essential for the SaMASZ employees and have become the key to the company's success.

What contributes the most to constant and dynamic development of the company are close contact with our customers and staying open to their needs. Thanks to dialogue with our present and future clients and trying to meet their expectations we create and strengthen up the basis of our dynamic success. We are creating the brand, which is already well recognized not only in the whole Europe, but also in the world.

Considering constant development as our top priority, we invest in product research. Our employees are the most talented Technical University graduates, who are not only experts in their own fields, but also bring in a great dose of professionalism and passion to their duties. You can always count on their competence and reliability.

Today, SaMASZ is the top Polish and one of the major European manufacturers of forage machinery. Our offer includes more than 300 types of different machines: drum mowers, disc mowers, tedders, rakes, flail mowers, extension arms or snow plows. Since the beginning we managed to manufacture and sell more than 110 000 mowers and few thousands of other machines. We export to more than 50 countries around the world. Our sales network includes approx. 60 companies in Poland and approx. 70 abroad.

Our main goal, which is constant development and implementation to our production cutting edge technology in order to keep the world's top quality. We are fully aware, that in this ever changing reality, customers tend to seek trading partners who are trustworthy, and therefore we have an ambition of being considered as a reliable and professional manufacturer.