



**CATALOGUE 2024**



60  
— *years* —



## A Word from the Director

FPM Agromehanika is one of the leading manufacturers of agricultural machinery in South-East Europe, with a tradition of over 60 years. Since it was founded in 1961, the company has strived to follow technology trends and continually enhance its production, becoming the successful company it is today, with over 250 highly skilled and qualified employees, cutting-edge machines and highly developed technology in all stages of production. We are developing our product range through our in-house department for research and development, tightly cooperating with faculties and institutes

for agricultural science and mechanical engineering and renowned manufacturers of agricultural machinery from Italy, France and Germany. FPM Agromehanika has attained the ISO 9001:2015 quality certification as well as IATF 16949/2016, the most widely recognized quality management standard, while all its products are affixed with CE marking, guaranteeing safe use. In addition to the main product range, the company also manufactures a large variety of parts and assemblies for other agricultural machinery manufacturers, and for companies within different industry sectors.

60 years of tradition and experience, together with modern production, guarantee reliable high-quality products. That is why FPM Agromehanika is currently present in over 40 countries worldwide and continues to expand to other markets.



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**HAY MAKING**



**MULCHERS**



**SELF-PROPELLED  
MACHINES**



**SOIL  
CULTIVATION**



**ROAD  
MAINTENANCE**

**FPM**



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ENGINE



DIFFERENTIAL LOCK



MANUAL START



ELECTRIC START



GASOLINE



DIESEL



TYRE SIZE



No. OF BLADES / No.  
OF DOUBLE FINGERS



No. OF WHEELS / No.  
OF RAKES PER WHEEL



No. OF RAKES PER LINE /  
TOTAL No. OF RAKES



No. OF ARMS / No.  
OF RAKES PER ARM







**HAY  
MAKING**



# DISC MOWERS DK







DK rotary disc mowers are rear-mounted tractor mowers designed for cutting all types of grass and forage plants, mowing areas alongside roads and for public utility works.

This type of mower has high work rates with low-energy consumption and it can be operated under difficult conditions such as: flattened and tangled grass, damp terrain,

terrains with molehills, slopes, during moderate rainfall, etc. Designed to work on slopes from -45 up to +45 degrees. A set of V-belts transmits power to gearbox.

### **Advantages:**

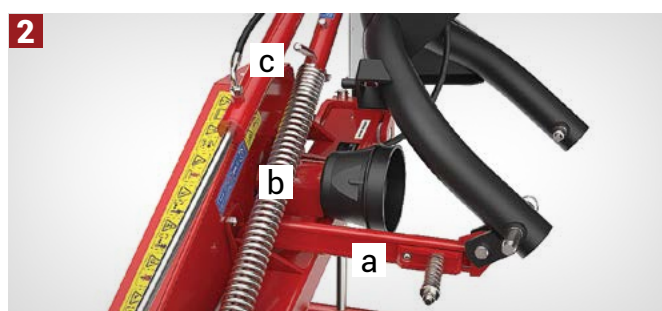
- No damage to plant stem or root
- Spreads and lays mowed mass (does not flatten the swath by pressure), shortening drying time and facilitating the operation of wheel rakes
- Low fuel consumption
- Low cost and easy maintenance

# Key Features



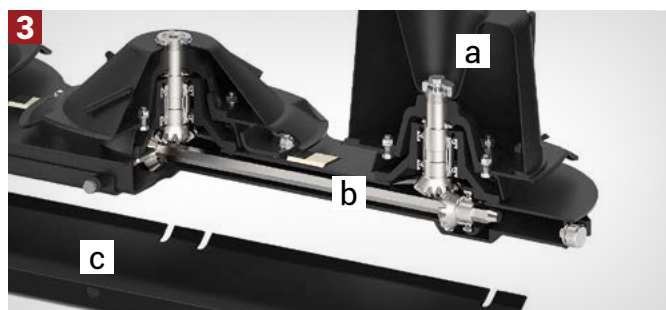
## WORKING POSITION

Designed to work on slopes from -45 up to +45 degrees.



## FRAME

- a) Safety system for automatic release of the cutter bar in case of obstacle impact;
- b) Mechanism for ground contour adaptation;
- c) Hydraulic lifting system of the cutter bar.



## CUTTER BAR:

- a) Discs with cutting blades;
- b) Discs driveline system using a hexagonal shaft and two angle gears in oil bath consumes less energy and enables use even with lower powered tractors;
- c) Protective slider.













## A SET OF V-BELTS

transmits power to gearbox.





	 m			 cat	 min KW(HP)	 RPM	 RPM	km/h	ha/h	 cm	 hydraulic	 Kg
<b>DK 130/3 1N</b>	1,3	3	2	1N	18(24)	540	3000	16	2	3-9	✓	280
<b>DK 130/3 M</b>	1,3	3		I, II	19(26)				2			320
<b>DK 130/3</b>	1,3	3		I, II	19(26)				2		✓	314
<b>DK 160/4</b>	1,6	4		I, II	21(29)				2,5			370
<b>DK 200/5</b>	2	5		I, II	25(34)				3,2			500



# DISC MOWERS

## DKF







DKF rotary disc mowers are rear-mounted mowers designed for cutting all types of grass and forage plants, mowing areas alongside roads and for public utility works.

This type of mower is equipped with powerful cutter bars with gear transmission, highly reliable even during intense operation. They are also suitable for operation under difficult

conditions, such as: flattened and tangled grass, damp terrain, terrains with molehills, slopes, during moderate rainfall, etc.

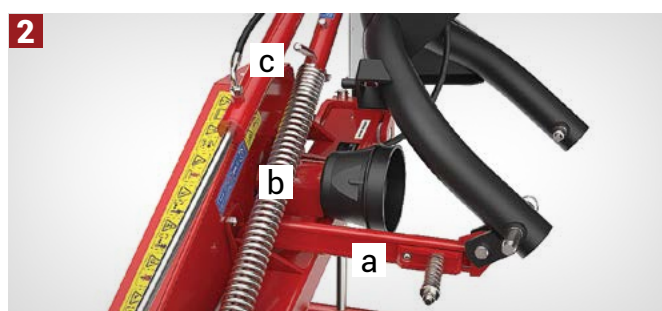
### **Advantages:**

- Powerful and reliable cutter bar with gear transmission
- Does not destroy either plant stem or root
- Scatters and lays mowed mass (does not flatten swath by pressure), shortening drying time and facilitating the operation of wheel rakes
- Large working width

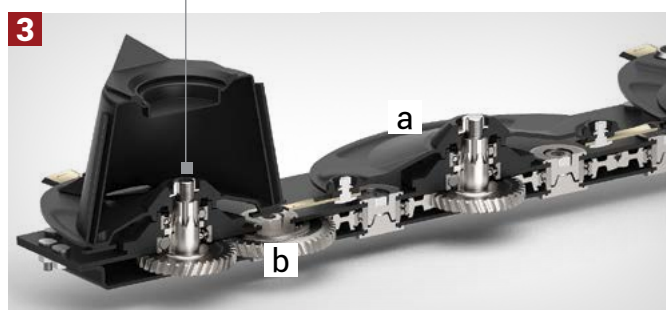
# Key Features



**WORKING POSITION**  
Designed to work on slopes from -45 up to +45 degrees.



**FRAME:**  
a) Safety system for automatic release of the cutter bar in case of obstacle impact;  
b) Mechanism for ground contour adapting  
c) Hydraulic lifting system of the cutter bar.













**CUTTER BAR:**  
a) Oval-shaped disc for more efficient flow of mowed mass through the mower;  
b) Gear transmission in oil bath enables intensive use and high work rates with great reliability.



**A SET OF V-BELTS**  
transmits power to gearbox.





	 m			 cat	 min KW(HP)	 RPM	 RPM	km/h	ha/h	 cm	 hydraulic	 Kg
<b>DKF 160/4</b>	1,6	4	2	I, II	21(29)	540	3030	16	2,5	3-9	✓	444
<b>DKF 200/5</b>	2	5			25(34)				3,2			492
<b>DKF 240/6</b>	2,4	6			31(42)				3,8			548
<b>DKF 280/7</b>	2,8	7			38(52)				4,5			590
<b>DKF 320/8</b>	3,2	8			41(56)				5			650



# DOUBLE CUTTER BAR MOWERS







Rear-mounted tractor mowers with two moveable cutter bars designed for cutting all types of grass, forage plants and medicinal herbs, as well as for public utility works.

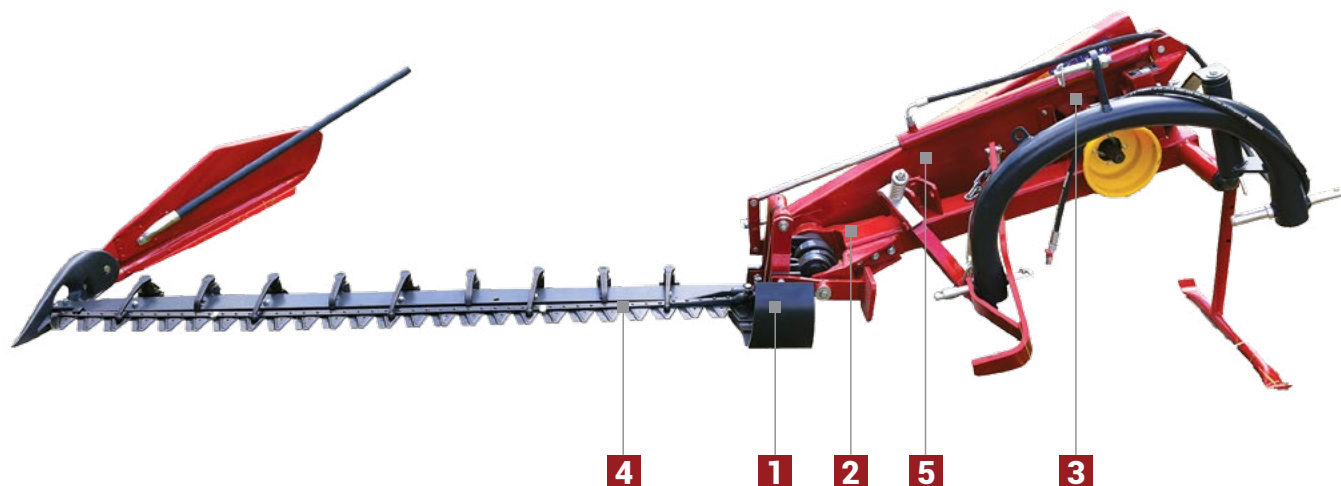
This type of mower is equipped with high-quality cutter bar made in Germany (ESM) and can be used for mowing even under difficult

conditions, such as: flattened and tangled grass, damp terrain, terrains with molehills, slopes, during moderate rainfall, etc.

### **Advantages:**

- Faster regeneration of plants and therefore greater yield
- Can be used in vertical position (+90 degrees) for trimming hedges, etc.
- Scatters and lays mowed mass (does not flatten swath by pressure), shortening drying time and facilitating operation of wheel rakes
- Low cost and easy maintenance

# Key Features



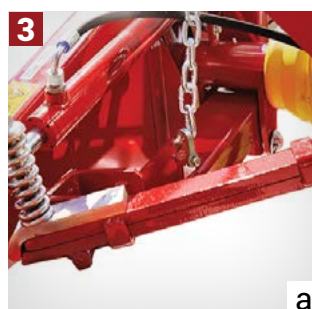
## WORKING POSITION

Adaptation to slopes up to +90 to -45 degrees.



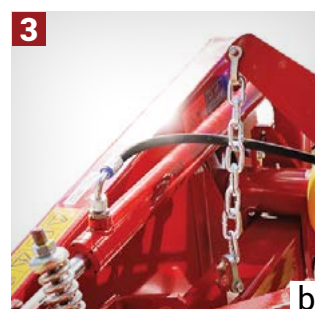
## CUTTER BAR:

drive mechanism (shafts with eccentric plates).



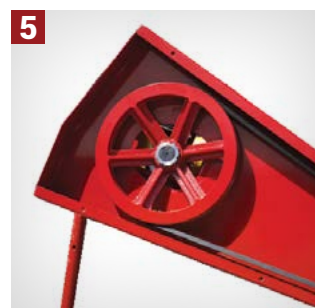
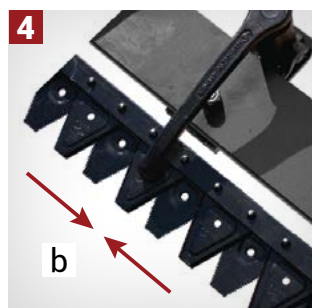
## FRAME:

a) Safety system for automatic release of the cutter bar in case of obstacle impact;  
b) Hydraulic lifting system (optional);



## CUTTER BAR:

a) Serrated knives for difficult working conditions;  
b) Reciprocating movement of cutter bars (Busatis system) provides precise, scissor-like cutting (without ripping) and contributes to faster plant regeneration and growth.  
c) Main bar is made of special type of steel (spring steel), offering high strength and appropriate flexibility.











## A SET OF V-BELTS

transmits power to cutter bar driveline.





	 m		 cat	 min kW(HP)	 RPM	km/h	ha/h	 cm	 hydraulic	 Kg
LK 125/2 1N	1,25	32	1N	18(24)	540	12	1,5	3-9		172
LK 170/2	1,7	45	I,II				2			220
LK 170/2 H	1,7	45					2		✓	228
LK 190/2	1,9	51		25(34)			2,3			224
LK 190/2 H	1,9	51					2,3		✓	238
LK 225/2 H	2,25	61					3,0		✓	255



# SINGLE CUTTER BAR MOWERS







Rear-mounted mowers with single cutter bar and double fingers are designed for cutting all types of grass and forage plants.

This type of mower is very simple and easy for handling and maintenance. Due to

high-quality materials and parts used for manufacturing, they are very durable.

### **Advantages:**

- Easy handling
- Reliable and high-quality cutter bar
- Low maintenance

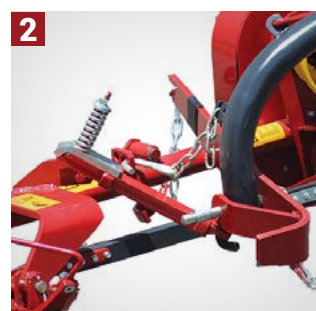
# Key Features



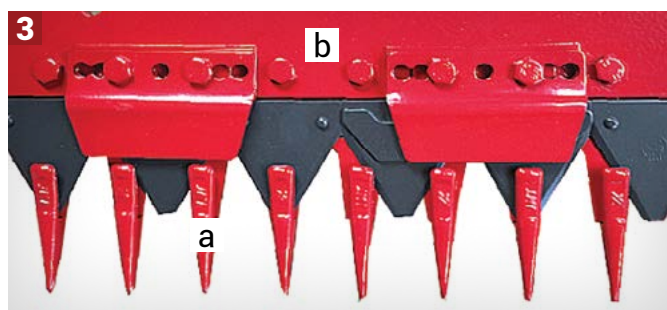
**LK 120/1 1N**  
Model for the 1N category of tractors



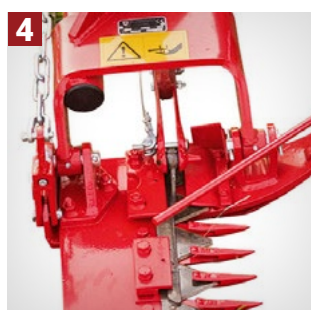
**TRANSMISSION**  
through V-belts with  
belt tensioners.



**FRAME:**  
Safety system for automatic  
release of the cutter bar in  
case of obstacle impact;



**CUTTER BAR:**  
a) Double fingers (forgings);  
b) Main bar is made of special type of of stainless  
steel (spring steel), offering high strength and  
appropriate flexibility.












**CUTTER BAR DRIVE SYSTEM**







									
	mm	V / W	cat	min KW(HP)	RPM	km/h	ha/h	cm	Kg
LK 120/1 1N	1,2	15 / 11	1N	18(24)	540	10	1,2	3-9	160
LK 160/1	1,6	21 / 15	I, II				1,6		188
LK 180/1	1,8	24 / 17					1,8		194
LK 210/1	2,1	28 / 20					2,1		210



# HAY TEDDERS







Hay tedders are primarily used for spreading and turning the mown grass mass. Evenly spread grass mass significantly accelerates drying. This reduces the losses caused by crushing, reduces the dependence on bad weather and improves the storage of nutrients in the mown grass.

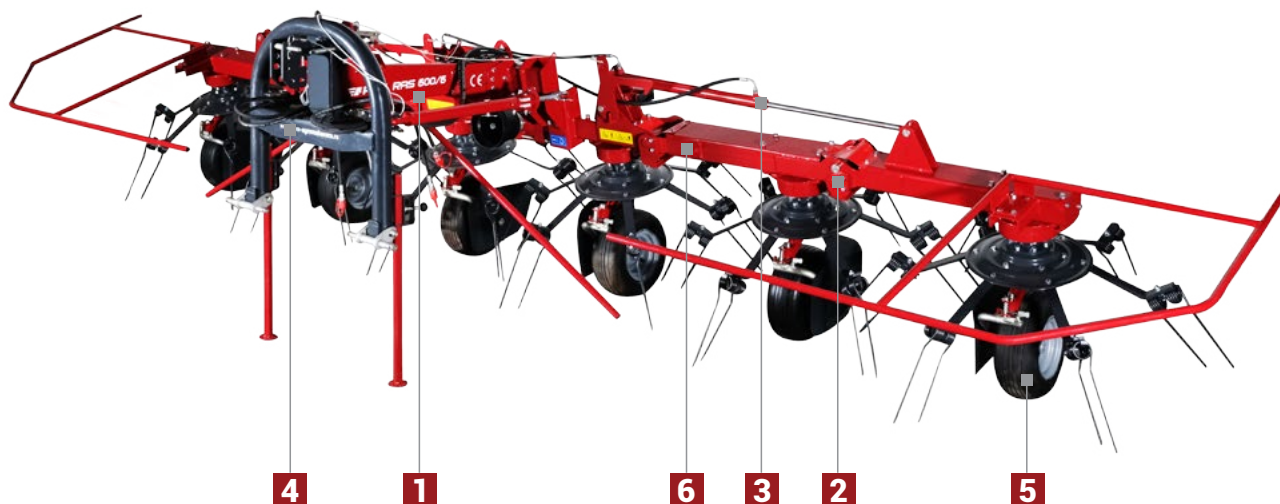
This machine is constructed with swivel heads under which there are wheels that perfectly follow the configuration of the terrain and thus allow the spring elements to evenly and gently grip the grass mass

and distribute it behind the machine. The rotating elements of the two adjacent rotors rotate in the opposite direction so that the two and two rotors catch the grass mass between them and scatter it behind the machine.

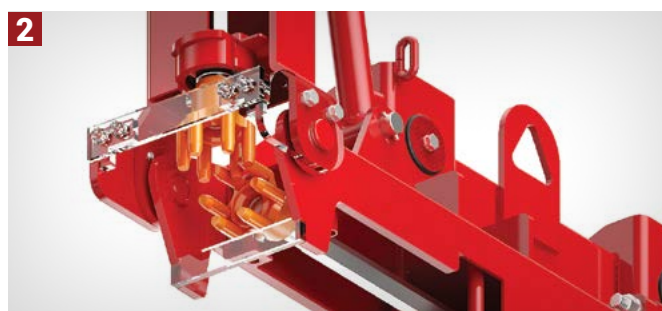
### **Advantages:**

- Evenly spreading the grass mass without crushing
- Does not damage the substrate and the root of the plant
- The possibility of adjusting the angle of scattering and the height and direction of movement
- Reliable operation with minimal maintenance

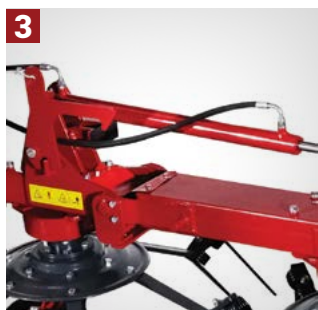
# Key Features



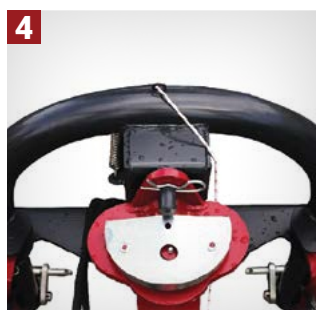
**ATTACHMENT FRAME**  
with terrain copying system and  
stabilizing shock absorbers



**DIGI DRIVE SYSTEM**  
Transmission with claw couplings, additional protection  
against breakage possibility of rotor operation in all positions  
from horizontal to vertical



**HYDRAULICS SYSTEM**  
to move the machine from  
working to transport position



**TERRAIN COPYING SYSTEM**  
Swivel attachment frame  
with terrain copying system  
and stabilizing shock  
absorbers



**HEIGHT ADJUSTMENT**  
via wheels



**SECURING THE MACHINE**  
in the transport position





							TRANSPORT 		ha/h		
<b>RAS 400/4</b>	4	4 / 6	9	I, II	18 / 25	540	2.5	✓	4	15x6.00-6	574
<b>RAS 600/6</b>	6	6 / 6	9	I, II	35 / 48	540	2.85	✓	6.2	15x6.00-6	732
<b>RAS 800/8</b>	8	8/6	9	II	66 / 90	540	2.85	✓	8	16x9.50-8 16x6.50-8	1100



# ROTARY RAKES







Rotary rakes are designed for raking mowed mass and represent the latest design of machines for this purpose.

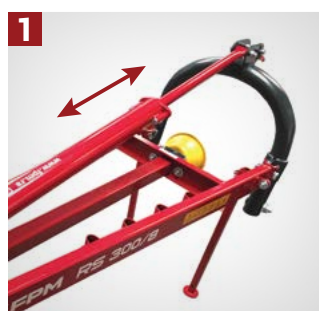
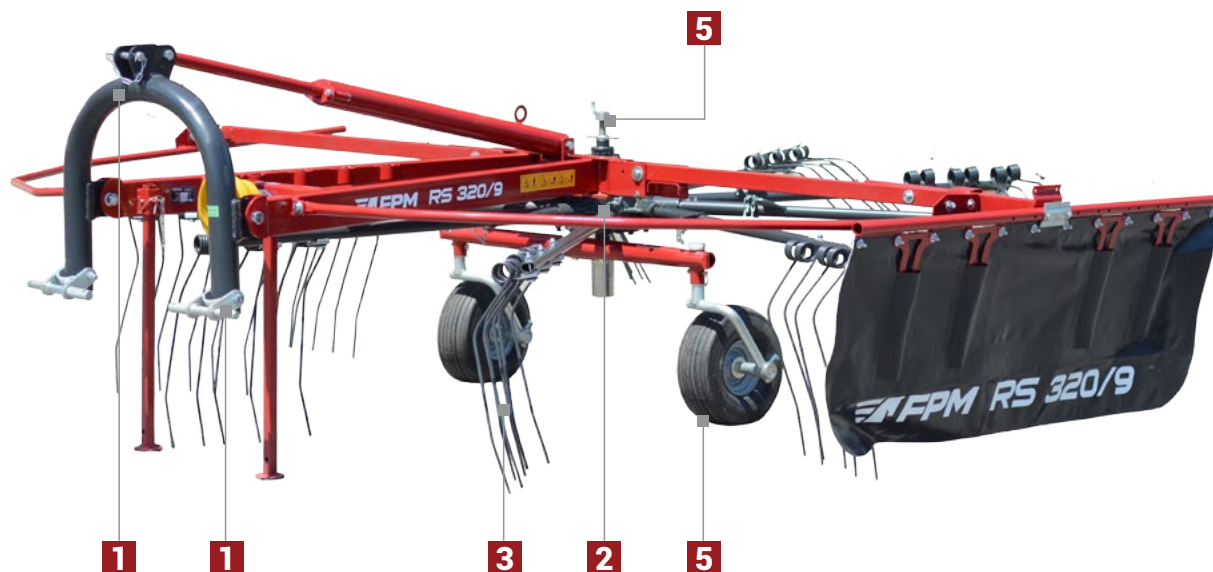
This type of machine collects only cut grass without unwanted impurities such as dirt and rocks, delivering quality fodder. In addition,

using this type of machines prevents tangling and flattening of the swath, making the process of balling much easier.

### **Advantages:**

- Suitable for low powered tractors
- It neither flattens nor tangles the swath
- Collects only cut grass without unwanted impurities (dirt, rocks, etc.)
- Low costs and simple maintenance

# Key Features



**MECHANISM FOR GROUND CONTOUR ADAPTATION**  
with central shock absorber



**GEARBOX**  
with a set of bevel  
and helical gears



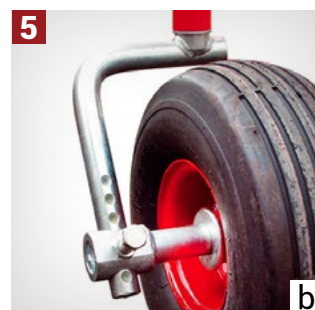
**COLLECTING ELEMENTS**  
made of high-quality  
spring wire



**4 WHEELS OPTION: VERTICAL WHEEL MOVEMENT**  
by  $\pm 10^\circ$  improves ground contour adaptation. Turning  
the first pair of wheels allows the tractor to change direction  
without lifting the machine.










**WORKING HEIGHT ADJUSTMENT:**  
a) by adjusting gearbox height;  
b) by adjusting wheel height.



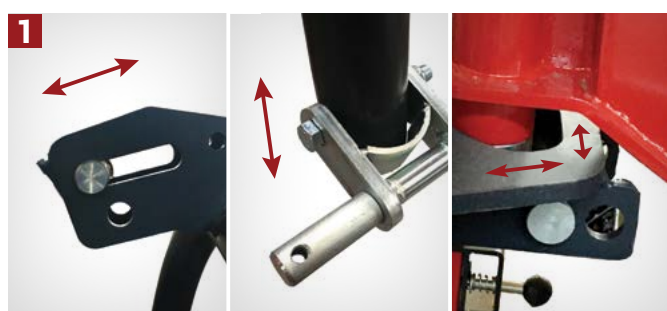
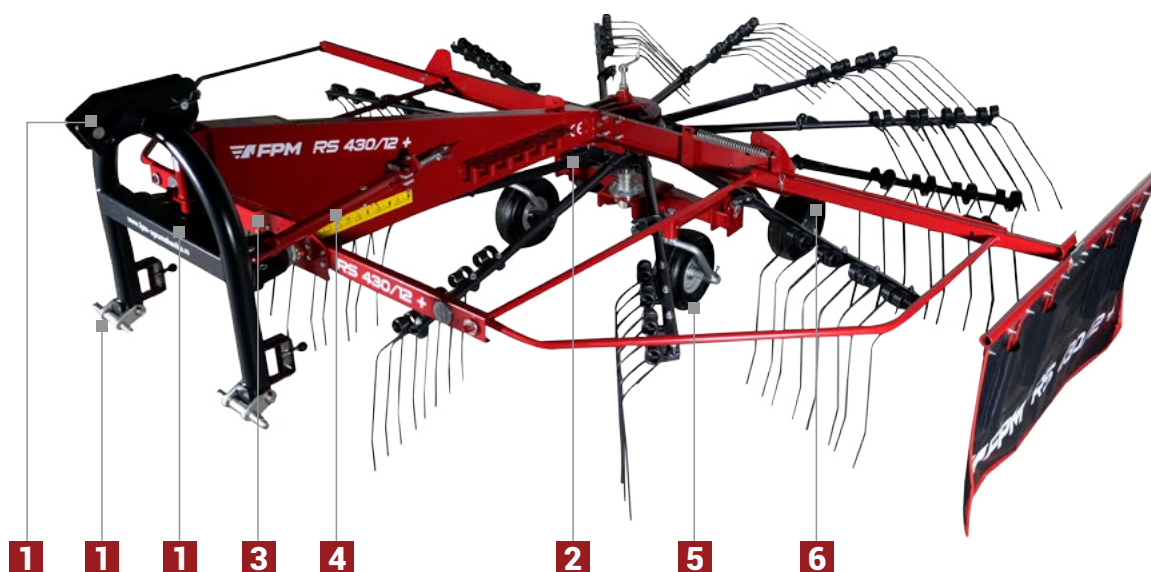




						km/h	ha/h		
<b>RS 300/8</b>	3,0	8 / 3	9	I, II	15(20)	15	4,8	2/15x6.00-6	332
<b>RS 320/9</b>	3,2	9 / 3					5		346

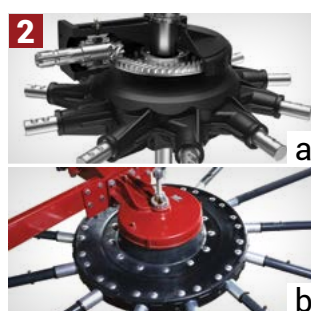


# Key Features

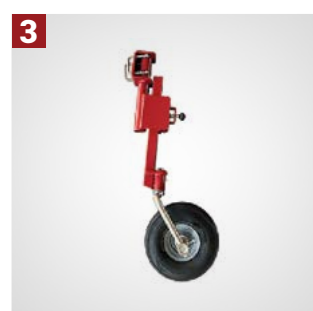


## THE FLOATING FRAME

enables ground contour adaptation in three planes - axes (upwards-downwards, left-right, forwards-backwards).



## a) GEARBOX b) RS 460/13+

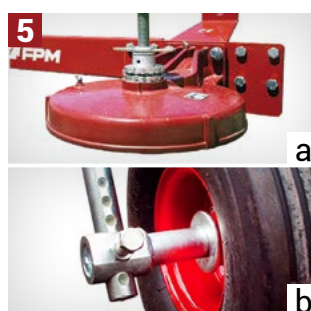


## FIFTH WHEEL for better ground contour (optional)



## LATERAL SHOCK ABSORBERS

allow the rake to move in relation to the direction of the tractor by  $\pm 25^\circ$  and in that way allow the tractor to turn without raising dust and stopping raking. They also have an important function in ground contour adaptation.



## WORKING HEIGHT ADJUSTMENT:








a) by adjusting wheel height;  
b) by adjusting gearbox height.



**VERTIC. WHEEL MOVEMENT**  
by  $\pm 10^\circ$  improves ground contour adaptation. Turning the first pair of wheels allows the tractor to change direction without lifting the machine.





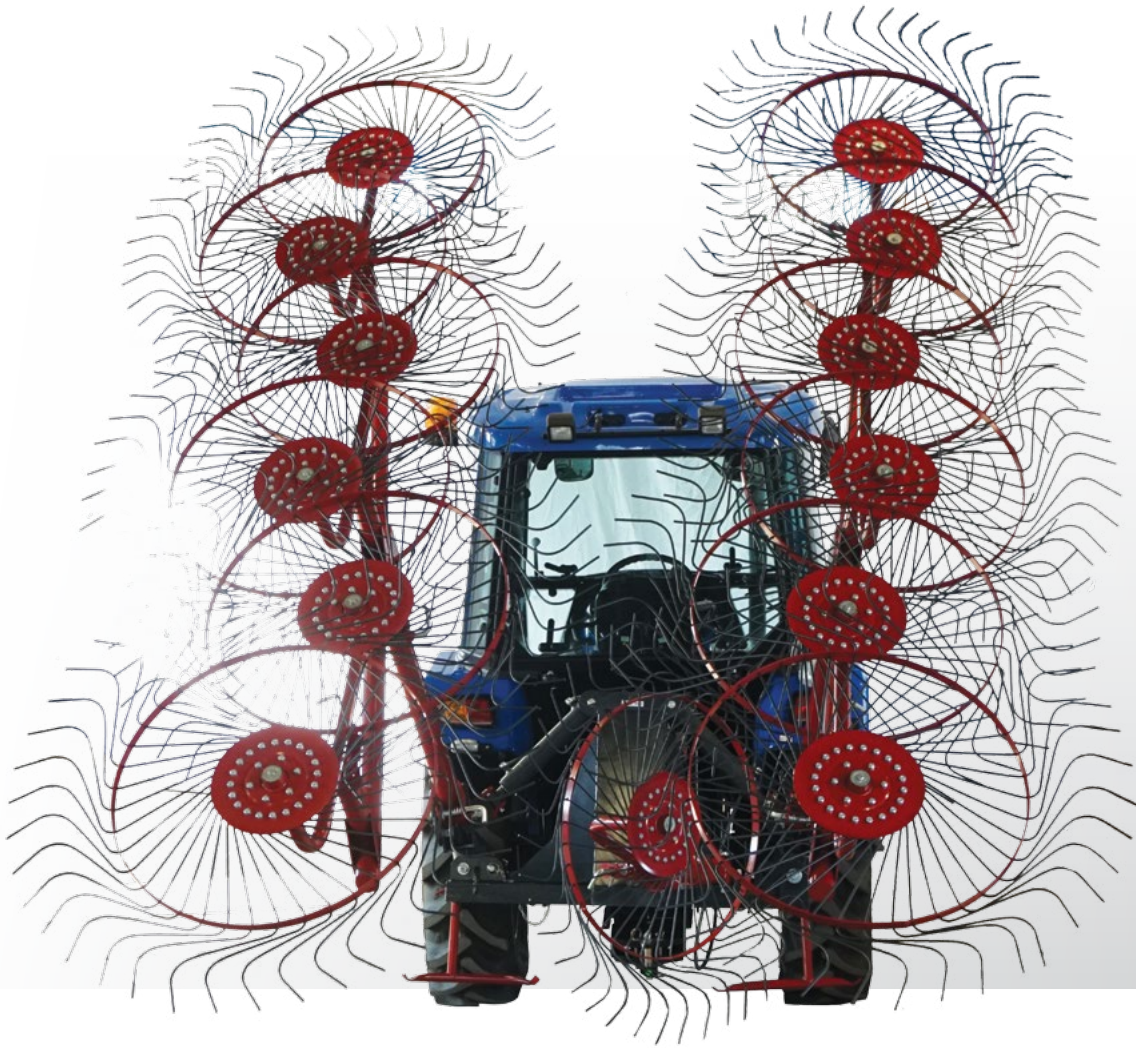
			 mm	 cat	 min KW(HP)	km/h	ha/h		 Kg
<b>RS 410/11+</b>	4,1	11 / 3	9	I, II	33(45)	15	6,2	4/15x6.00-6	580
<b>RS 430/12+</b>	4,3	12 / 4			33(45)		6,5	4/15x6.00-6	600
<b>RS 460/13+</b>	4,6	13 / 4		II	55(75)		6,9	4/16x6.50-8	786



# WHEEL RAKES







Wheel hay rakes are designed for raking, spreading and turning mowed mass, which shortens drying time.

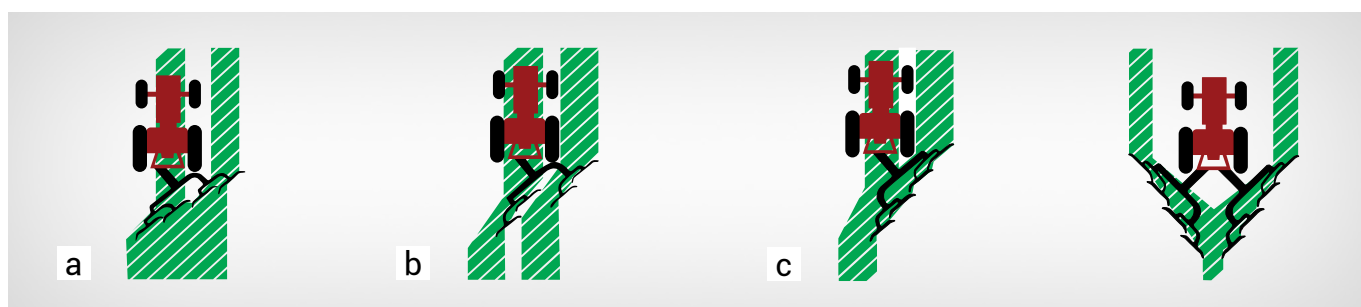
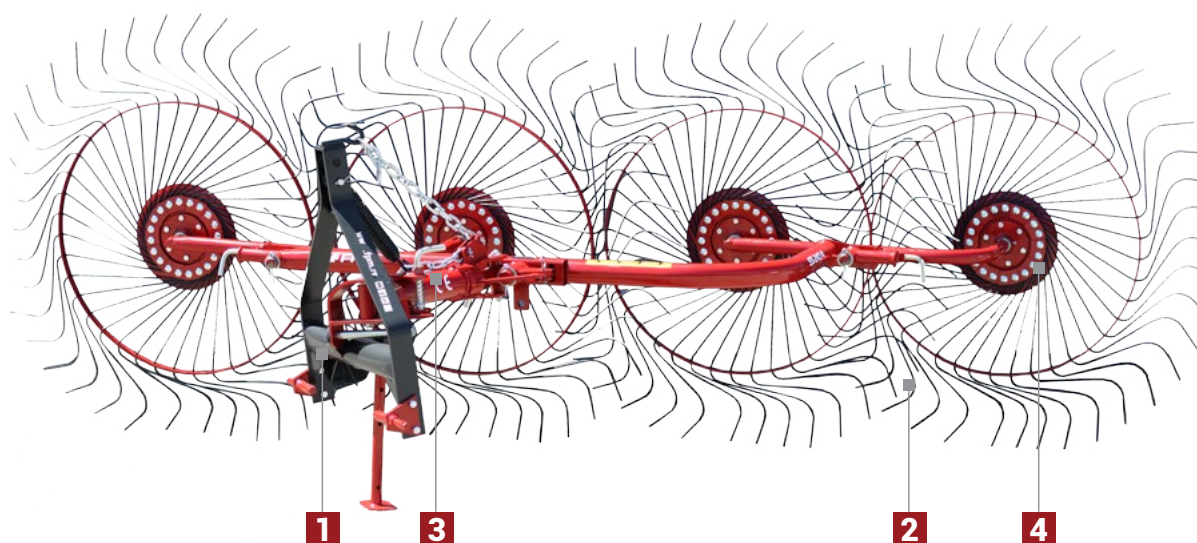
Due to good ground contour adaptation, this type of wheel rake is suitable for every type

of terrain, and is very reliable and easy to use due to simple and sturdy construction.

### **Advantages:**

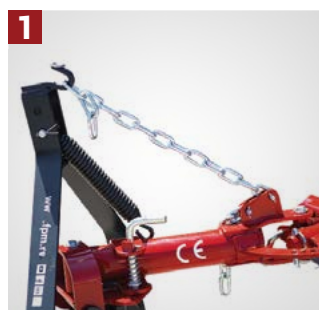
- Robust construction
- Possibility of raking hay in one, two or more windrows depending on quantity of mowed mass
- Low fuel consumption
- Low maintenance

# Key Features



## MULTIPLE APPLICATION:

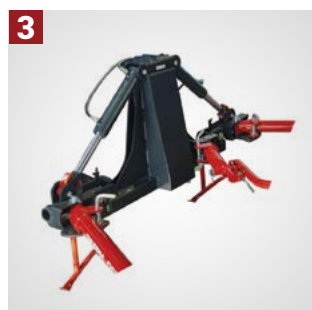
- a) Spreading;
- b) Turning;
- c) Raking.



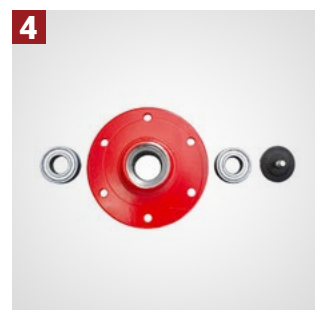
**MECHANISM FOR GROUND CONTOUR ADAPTATION**



**COLLECTING ELEMENTS** have specific shape and geometry and are made of high-quality spring wire










**HYDRAULIC LIFT. SYSTEM**  
DSS 520/9  
DSS 800/13



**COLLECTING WHEEL HOUSING** with high-quality bearings and automatic lubricator





						km/h	ha/h		
SS 240/4	2,4	4 / 40	7	I, II	18(24)	15	3,6		185
SS 300/5	3	5 / 40			30(41)		4,4		286
DSS 520/9H	5,2	9 / 40					7,5	✓	688
DSS 800/13H	8	13 / 40					12		846



# BELT RAKES





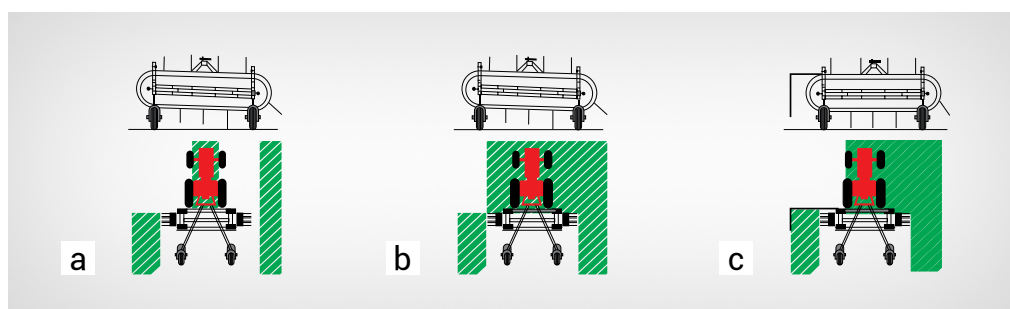
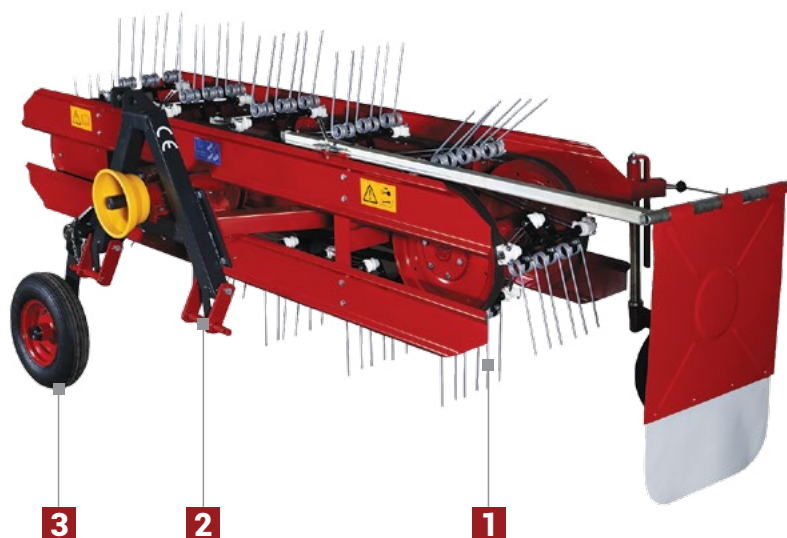


Belt rakes are designed for raking, spreading and turning mowed mass which shortens drying time. This type of rake is very easy to use and is suitable for low powered tractors.

### **Advantages:**

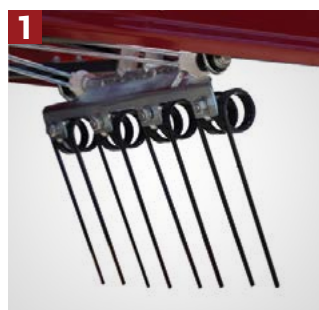
- Suitable for use on uneven terrain and slopes
- Suitable for low powered tractors.
- Can operate in both movement directions (forward and reverse)
- Low maintenance

# Key Features



## MULTIPLE APPLICATION:

- a) Spreading;
- b) Turning;
- c) Raking.



**COLLECTING ELEMENTS**  
made of high-quality  
spring wire









**MECHANISM FOR GROUND  
CONTOUR ADAPTATION**



**WORKING HEIGHT  
ADJUSTMENT**





						km/h	ha/h	
<b>TS 160/2 1N</b>	1,6	2 / 18	6	1N	13(18)	8	1,3	172
<b>TS 160/3 1N</b>	1,6	3 / 27			15(20)		1,5	200
<b>TS 200/3</b>	2	3 / 36		I, II	18(24)		1,6	227
<b>TS 200/4</b>	2	4 / 48		I, II	22(30)		1,6	238
<b>TS 220/4</b>	2,2	4 / 52		I, II	22(30)		1,8	242









**MULCHERS**



# LIGHTWEIGHT MULCHERS







The light universal mulcher is intended for versatile application on all agricultural areas, for the maintenance of green areas and neglected terrains.

Light universal mulcher can be used for shredding individual harvest residues, for shredding pruning residues in orchards and vineyards and crushing branches up to 40 mm thick. The construction of the

mulcher is intended for work on smaller farms, around weekend houses, in parks. Possibility of attaching to smaller - compact tractors. Lightweight construction with easy maintenance and low maintenance costs.

### **Advantages:**

- Suitable for small farms and cottages
- High quality treated surface
- Low costs and easy maintenance
- Safe for work and the possibility of use along roads and in parks

# Key Features



**CONNECTING FRAME**  
possibility of lateral  
movement in two positions



**LATTERAL TRANSMISSION**  
through toothed V-belts



**HEIGHT ADJUSTMENT**  
with the roller



**ROTOR**  
electronically balanced














**BLADE OPTIONS:**  
a) Hammer blade;  
b) Universal Y blade







			 min KW(HP)	 cat	 RPM	 mm				 cm	 Kg
<b>LM 110</b>	1.1	1.3	11(15)	I, II	540	114	2	14	42	2-7	188
<b>LM 130</b>	1.3	1.5	15(20)	I, II	540	114	2	18	54	2-7	246
<b>LM 150</b>	1.5	1.7	18(25)	I, II	540	114	3	20	60	2-7	262



# MULCHERS FOR ORCHARDS AND VINEYARDS







Mulchers for orchards and vineyards are a type of agricultural mulcher primarily designed for shredding of plant residue after pruning and for weed and grass in orchards and vineyards.

Beside their basic purpose, mulchers can also be used for shredding of crop residue, for maintenance of all other agricultural, public, neglected or uncultivated areas. Due to electronically balanced rotor of high speed, blades precisely and efficiently shred

plant residue transforming it to light humus fertiliser, improving the quality and fertility of the soil and decreasing the use of inorganic fertilisers. This directly reduces agricultural production costs and increases yields.

### **Advantages:**

- Shredding prunes up to 50 mm in diameter
- Low fuel consumption and low powered tractor requirements due to double spiral rotor and optimal positioning of rotor blades
- Lateral movement
- Low cost and easy maintenance

# Key Features



**HEIGHT ADJUSTMENT**  
using side slider  
and/or roller



**LATERAL TRANSMISSION**  
through toothed V-belts



**GEARBOX**  
with overrunning clutch:  
a) Rear-mounting (standard);  
b) Only front or combination of front  
and rear mounting (optional).



**ROTOR**  
electronically balanced with forged  
hammer blades as standard option



**BLADE OPTIONS:**  
a) Hammer blade (standard) - for difficult operating  
conditions (branches, thicker weeds, grass, etc.);  
b) Universal Y blade (optional) - for easy operating  
conditions (grass, weeds, etc.).









# Options

<b>G</b>	Rubber
<b>H</b>	Hydraulic
<b>C</b>	Side movement through cylinder
<b>+</b>	Front and rear attachment

## G/C series



## H/C series



## VM 155/180/200



**COUNTER BLADES**  
(standard)



**SIDE MOVEMENT**  
through cylinder (C series)



**HYDRAULIC MOVEMENT**  
(H series)



**SIDE MOVEMENT**  
through profiles (standard)


















**C series (standard)**



**G series (protective rubber)**



**H+ series**

			 min KW(HP)	 cat	 RPM	 RPM	 mm			 cm	 cm	 hydraulic	 Kg		
VM 155	1,55	1,7	18(25)	I, II	540	2230	108	16	48	2-7	61		92		450
VM 155H											91		62	✓	460
VM 180	1,80	2,00	22(30)					20	60		75		105		470
VM 180H											105		75	✓	480
VM 200	2,00	2,2	26(35)					24	72		85		115		490
VM 200H											115		85	✓	500



# MUCHERS FOR FARMING







Mulchers for farming are a type of agricultural mulchers and are primarily designed for shredding of plant residue upon harvesting of field crops such as: maize, sunflowers, straw, sugar beet, rapeseed, rice, etc.

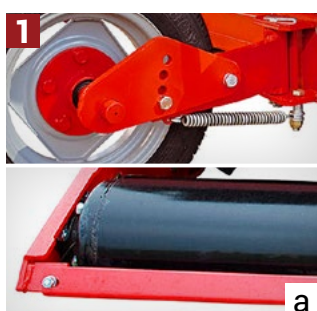
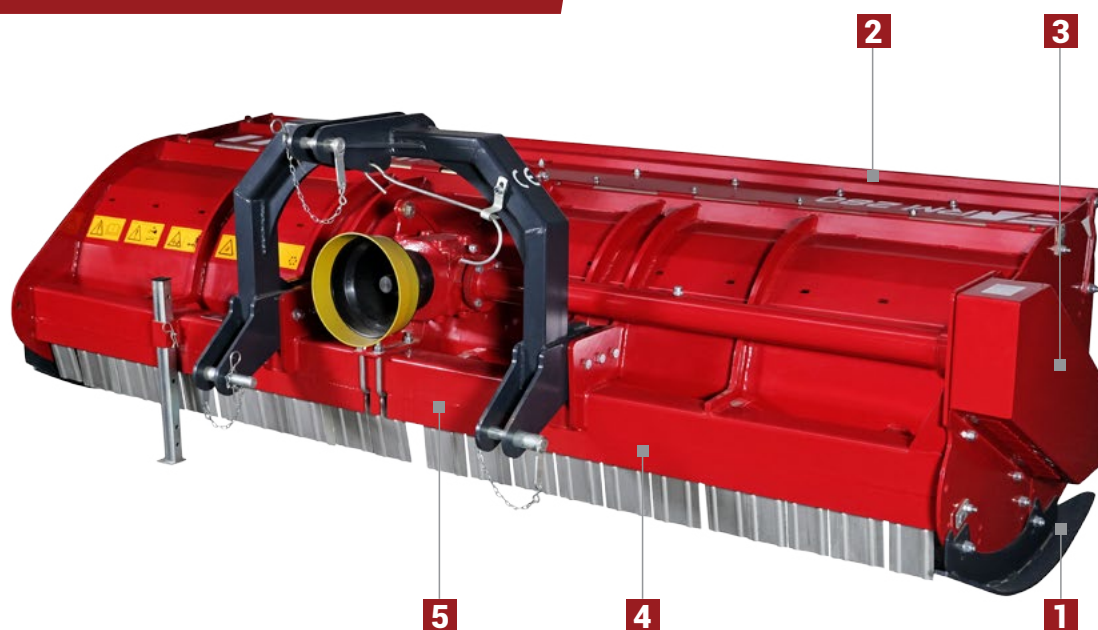
Beside their basic purpose, mulchers can also be used for shredding of crop residue, for maintenance of all other agricultural, public, neglected or uncultivated areas. Due to electronically balanced rotor of high speed, blades precisely and efficiently shred plant

residue transforming it into light humus fertiliser, improving the quality and fertility of the soil and decreasing the use of inorganic fertilisers. This directly reduces agricultural production costs and increases yields.

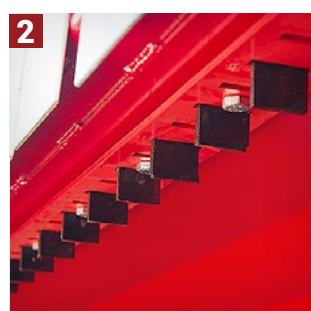
### **Advantages:**

- All-round application
- Robust and massive structure
- Using universal Y blades it shredding crop residue up to 50 mm in diameter; using hammer blades it shredding crop residue up to 80 mm in diameter
- Low cost and easy maintenance

# Key Features



**WORKING HEIGHT ADJUSTMENT:**  
a) Wheels (standard) or roller (optional;  
standard only for FPM 618.999);  
b) Side sliders.



**COUNTER BLADES**  
enable better shredding of  
cover residue. One set is  
standard + option for fitting  
one more set (for straw etc.).



**LATERAL TRANSMISSION**  
through toothed V-belts.















**ROTOR**  
electronically balanced



**BLADE OPTIONS:**  
a) Hammer blade: for heavy-duty operation.  
b) Straight blade: wheat, rye, barley, rice, etc.;  
c) Universal Y blade (optional): for all types of crop residue, e.g.  
maize, sunflower, sugar beet, cotton, grass, weeds, etc.  
d) Flail hammer blade.





			 min KW(HP)	 cat	 RPM	 RPM	 mm				 cm	 Kg
<b>RM 160</b>	1,6	1,8	30(40)	II	540	2230	194	32	32	16	2-10	700
<b>RM 230</b>	2,3	2,5	44(60)					48	48	24		858
<b>RM 280</b>	2,8	3,0	51(70)					56	56	28		934
<b>RM 330</b>	3,3	3,5	59(80)					68	68	34		1162
<b>RM 400</b>	4	4,5	81(110)	II / III	540	2230	194	80	80	40	2-10	1980
<b>RM 560</b>	5,6	6,1	110(150)					112	112	56		2680



# UNIVERSAL MULCHERS







Universal mulchers are used for mulching plant residues in agriculture (corn, straw, sunflower, green plant residues), communal areas (along roads, railways, infrastructure, watercourses and ditches), fruit growing and viticulture (branches, vines and grass) and for pasture cleaning. UM are designed for crushing branches up to 6 cm thick.

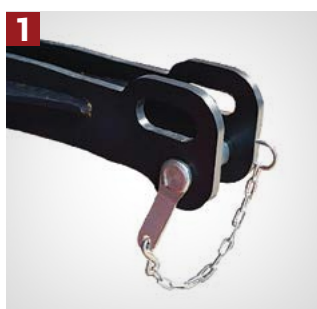
Quiet operation is enabled by an electronically balanced rotor with hammer blades that allows extremely easy rotor operation. It also enables a smaller source of vibrations and minimal deformation, which prolongs the life of the mulcher. PRO version of the universal mulcher, in addition to universal use, is characterized by robustness and very good tech-

nical solutions. These extraordinary features make it one of the professional mulchers, useful in difficult working conditions in agriculture, communal areas and pastures. It is ideal for shredding tall grass and shrubs in neglected terrains. The construction of the mulcher is very robust and is intended for intensive use and crushing of branches.

## Advantages:

- Suitable for the treatment of all types of surfaces (treated and untreated)
- Possibility of working in difficult conditions with a dense mass
- Low cost and easy maintenance
- Safe for work and the possibility of use along roads and in parks

# Key Features



**FLOATING SYSTEM**



**DOUBLE HOUSING**  
with the interchangeable housing with counter blades for better protect of machine



**LATERAL TRANSMISSION**  
via a set of special V-belts; Automatic spanning



**HYDRAULIC**  
side movement



**GEARBOX**  
with two output shafts for front and rear attachment



**ROTOR**  
electronically balanced
















**NORMAL SERIES**  
with rotor 168mm diameter, electronically balanced with heavy forged hammer blades



**PRO SERIES**  
with rotor 198mm diameter, electronically balanced with heavy forged hammer blades





			 min KW(HP)	 cat	 RPM	 mm					 cm	 hydraulic	 Kg
UM 230+	2.3	2.5	40(55)	II	540/1000	168	4	24	48	3-12	✓	720	
UM 250 +	2.5	2.7	48(65)	II	540/1000	168	4	26	52	3-12	✓	810	
UM 280+	2.8	3	55(75)	II	540/1000	168	5	30	60	3-12	✓	900	
UM 250 PRO+	2.5	2.7	65(90)	II, III	540/1000	194	5	22	44	3-12	✓	946	
UM 280 PRO+	2.8	3	80(108)	II, III	540/1000	194	5	24	48	3-12	✓	1010	
UM 300 PRO+	3	3.2	100(136)	II, III	540/1000	194	5	26	52	3-12	✓	1100	



# OFFSET MULCHERS







Offset mulchers, in addition to universal use in agriculture, are intended for mulching communal areas with a slope of  $+90^\circ / -65^\circ$ , especially watercourses, ditches, areas along roads and along lawns, orchards and pastures. Quiet operation is enabled by an electronically balanced rotor with hammer blades that allow extremely easy rotor operation, with low vibrations, minimal deformation and prolonged life of the mulcher.

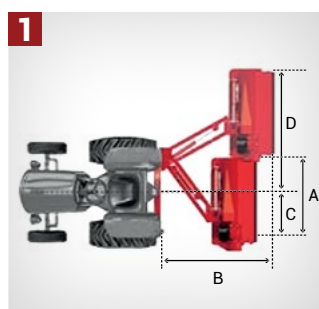
The lighter version of the side mulcher (BM 160/180/200) is intended for work with lighter tractors at lower working speeds for mulching agricultural and communal areas with an inclination of  $+90^\circ / -65^\circ$ . It is used for chopping grass and bushes on neglected terrains and branches up to 5 cm thickness. BM PRO series is designed for intensive works. The larger lateral displacement allows a built-in gearbox on the outside of the housing, which

is secured with robust protection. The spring-loaded safety mechanism allows it to move immediately in the event of an obstacle. This allows you to safely cross the obstacle. Both versions allow us to work behind the tractor and next to the tractor, cleaning embankments and canals. They have a solid construction made of high-hard and resistant sheet metal. The construction allows floating adaptation to uneven terrain.

## Advantages:

- Possibility of using in an angle of  $-65^\circ$  to  $+90^\circ$
- Multiple use (in farming, fruit growing and in municipal works)
- Used for shredding crop residue up to 50 mm

# Key Features



**HORIZONTAL MOVEMENT**  
the range indicated in the table according to the model



**VERTICAL MOVEMENT**  
from -65° to +90°



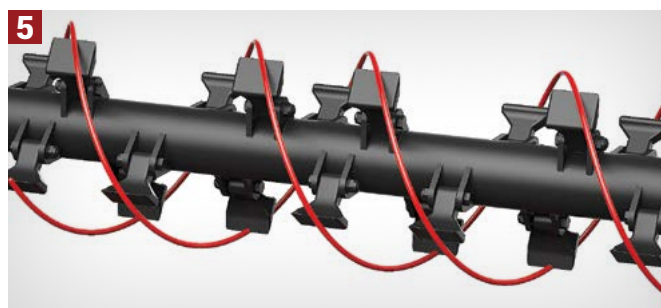
**STRONG SIDE PROTECTION**  
of the rotor housing and bearings



**DOUBLE HOUSING**  
with the interchangeable housing with counter blades for better protect of machine



**GEARBOX**  
with the robust protection on the outside



**ROTOR**  
electronically balanced with heavy forged hammer blades



**PROTECTIVE MECHANISM**  
with springs, allows the current displacement of the side mulcher in a collision with an obstacle




















**BM PRO series**



**BM PRO series**



**BM series**

			 min KW(HP)	 cat	 RPM	 mm					 cm	 hydraulic	 Kg
<b>BM 160</b>	1.6	1.9	33(45)	II, III	540	159	3	20	40	3-12	✓	654	
<b>BM 180</b>	1.8	2.1	35(50)	II, III	540	159	4	22	44	3-12	✓	684	
<b>BM 200</b>	2.0	2.3	53(70)	II, III	540	159	4	24	48	3-12	✓	740	
<b>BM 180 PRO</b>	1.8	2.1	35(50)	II, III	540	159	4	22	44	3-12	✓	732	
<b>BM 200 PRO</b>	2	2.1	53(70)	II, III	540	159	4	24	48	3-12	✓	788	
<b>BM 250 PRO</b>	2.5	2.8	80(108)	II, III	540	159	5	30	60	3-12	✓	880	

<b>1</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
	<b>BM 160</b>	160	185	29	284
	<b>BM 180</b>	180	185	29	304
	<b>BM 200</b>	200	185	29	324

<b>1</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
	<b>BM 180 PRO</b>	180	185	29	334
	<b>BM 200 PRO</b>	200	185	29	354
	<b>BM 250 PRO</b>	250	185	29	404







**SOIL  
CULTIVATION**

# SIDE-SHIFT ROTARY TILLERS







Side-shift rotary tillers fall in the category of light-weight rotary tillers and are designed for primary and secondary tillage in crop farming, truck farming, fruit growing and viticulture.

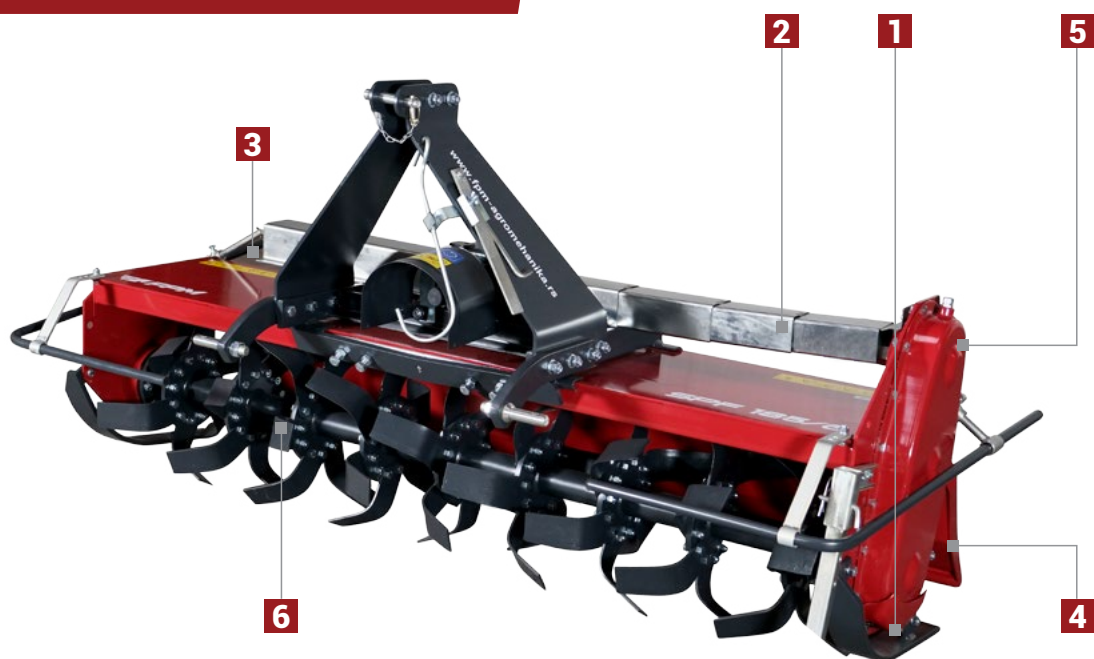
Due to the capacity for right-hand side shifting, this type of rotary tiller enables working the soil in close proximity to a plant, without any danger of tractor damaging the

branches, leaves or other parts of the plant. These machines are available in two classes: LPF (for easier operating conditions) and SPF (for medium-duty use).

### **Advantages:**

- Side movement
- Low fuel consumption and suitability for low powered tractors due to the optimal design
- High quality of the blades
- High reliability

# Key Features



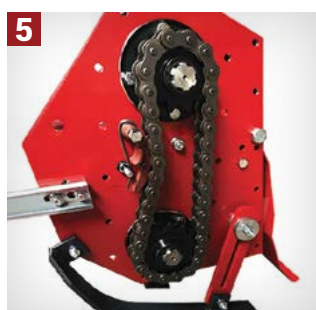
**WORKING DEPTH  
ADJUSTMENT**  
with help of side sliders



**SIDE-SHIFTING  
mechanism**



**HYDRAULICS**  
(Optionally)



**REAR HOOD**  
position setting adjusts the  
level of soil pulverization

**TRANSMISSION**  
Chain drive transmission  
in oil bath



**SPECIAL SHAPE OF THE ROTOR**  
With the helical arrangement of blades that enable efficient  
pulverization of soil with minimal energy consumption





**SPF/LPF series**



**LF series (fixed version)**

LF 105	1,05	1,2	11(15)	1N	540	231	48	4 / 20	18			157				
LF 125	1,25	1,4	15(20)					4 / 24	18			172				
LF 145	1,45	1,6	18(25)	I, II				4 / 28	18			186				
LF 165	1,65	1,8	22(30)					4 / 32	18			195				
LPF 105	1,05	1,2	11(15)	1N	540	231	48	4 / 20	18	39 50		66 55	157			
LPF 125	1,25	1,4	15(20)					4 / 24	18	39 60		86 65	172			
LPF 145	1,45	1,6	18(25)	I, II				4 / 28	18	39 70		106 75	186			
LPF 165	1,65	1,8	22(30)					4 / 32	18	39 80		126 85	231			
LPF 165H	1,65	1,8	22(30)					4 / 32	18	39 80		126 85	270			
SPF 145	1,45	1,6	18(25)	I, II				540	280	63,5	4 / 28	20	39 70		106 75	280
SPF 165	1,65	1,85	22(30)								4 / 32	20	39 80		125 85	310
SPF 165H	1,65	1,85	22(30)								4 / 32	20	39 80		125 85	430
SPF 185	1,85	2,05	26(35)	II	4 / 36	20	39 90					145 95	335			
SPF 185H	1,85	2,05	26(35)		4 / 36	20	39 90					145 95	450			
SPF 205	2,05	2,25	37(50)		4 / 40	20	39 105					155 95	380			
SPF 205H	2,05	2,25	37(50)		4 / 40	20	39 105					155 95	476			

# HEAVY-DUTY ROTARY TILLERS ROTAS







ROTAS heavy-duty rotary tillers fall into the category of heavy-duty rotary tillers and are designed for primary and secondary tillage in all types of agricultural production.


Due to the four-stage reduction gear and their robust and massive structure, this type of rotary tiller can be used

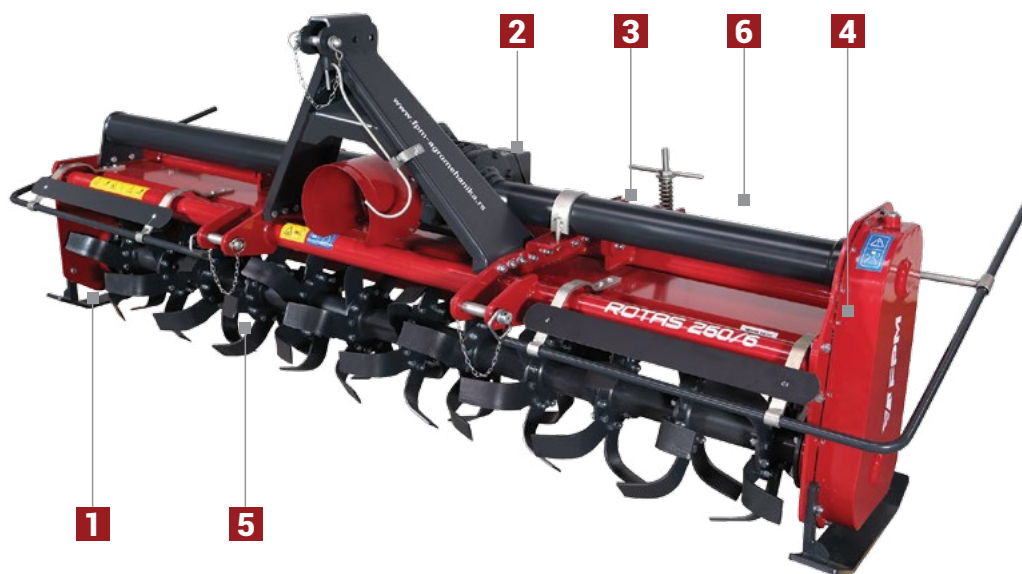
even under the most difficult operating conditions and on all types of soil.

### **Advantages:**

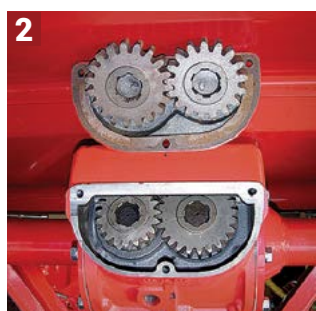
- Robust and massive structure
- Four speed gearbox (four rotor rotation speeds)
- Two types of rotors with the option of four or six blades per flange
- High quality blades

# Key Features

2		540
	A/B	min <sup>-1</sup> (rpm)
	I - 24/19	198
	II - 19/17	224
	III - 17/19	279
	IV - 19/24	316



**WORKING DEPTH ADJUSTMENT**  
through side sliders  
(up to 20cm)



**GEARBOX**  
Four speed gearbox with  
two pairs of gear wheels



**REAR HOOD**  
position setting adjusts the  
level of soil pulverization



**TRANSMISSION**  
Gear drive transmission  
in oil bath



**ROTOR**  
Special shape of the rotor blades and their helical positioning  
save energy and reduce the load of the tractor. Quick and easy  
rotor replacement allows both primary and secondary tillage.



**OPTIONS:**  
Roller options:  
a) Cage roller  
b) Packer roller







	m	m	min KW(HP)	cat	RPM	RPM	mm		cm		cm	Kg				
ROTAS 140	1,4	1,7	30(40)	I, II	540	198-316	88,9	4 / 24	20	46		94	356			
ROTAS 160	1,6	1,9	33(45)					4 / 28		65		95	364			
ROTAS 180	1,8	2,1	37(50)					4 / 32		85		95	430			
ROTAS 210	2,1	2,4	44(60)	II				4 / 40		108		102	470			
ROTAS 260	2,6	2,9	55(75)					4 / 48		114		146	556			
ROTAS 280	2,8	3,1	67(90)					4 / 52		140		140	710			



# POWER HARROWS







Power harrows are modern machines intended for cultivating various types of land.

Power harrows finely cultivate the soil, clean it and distribute evenly over the entire working width to create the perfect seedbed: they are usually used for secondary tillage

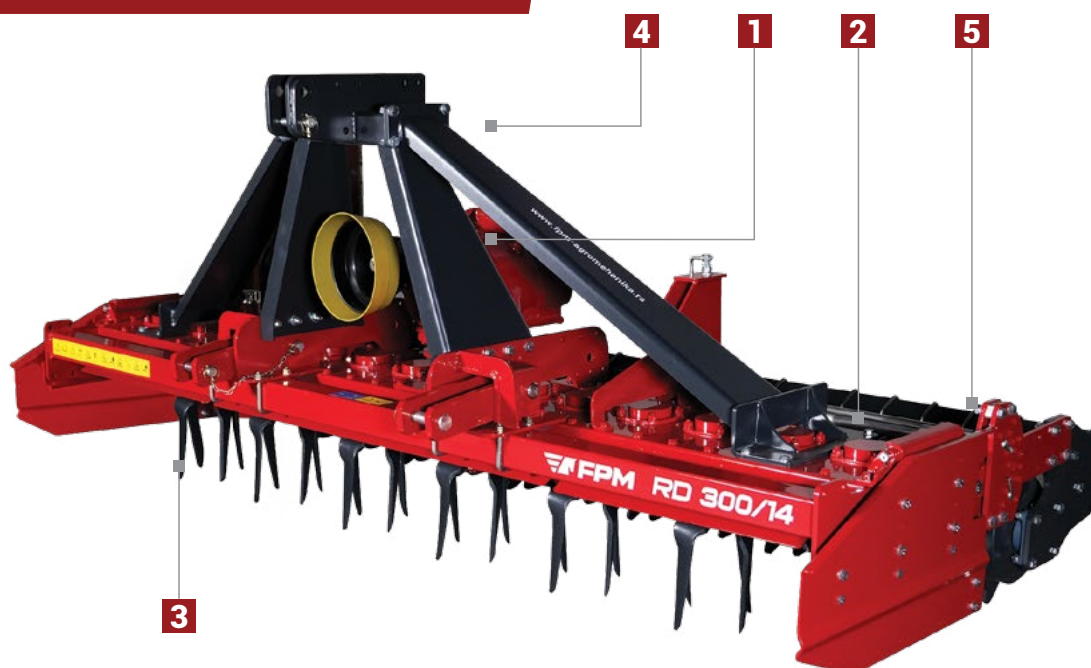
after plowing and can break even the most compacted furrows in one pass. The maximum processing depth of these models is up to 28 cm.

## Advantages:

- Vertical working bodies enable better tillage in relation to working bodies on a horizontal rotor because they do not create a compacted layer at the bottom of tillage;
- Robust gear transmission on hoe rotors;
- High quality hoes;
- Hydraulic linkage system for independent seed drill for processing in one pass (optional)



# Key Features



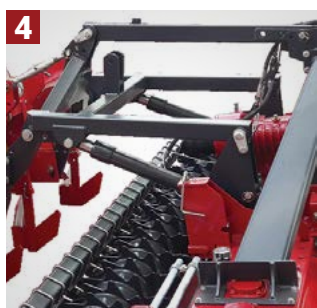
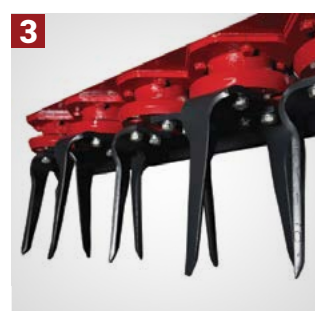
**GEARBOX**  
with two output shafts for  
installment of a seed drill  
for ground processing in  
one pass



**LEVELING BAR**



**ROTORS**  
Robust gear transmission on hoe rotors;  
High quality hoes



**HYDROLIFT SYSTEM**  
Option for a model  
RD 300/14












**ROLLER:**  
a) Cage roller  
b) Packer roller



**HEIGHT ADJUSTMENT**  
through the roller





									
<b>RD 140/7</b>	1,4	23(31)	I/II	540	320	7	14	26	380
<b>RD 160/8</b>	1,6	30(41)	I/II	540	320	8	16	26	410
<b>RD 180/9</b>	1,8	38(52)	I/II	540	320	9	18	26	440
<b>RD 200/10</b>	2	44(60)	II	540	320	10	20	26	890
<b>RD 250/12</b>	2,5	51(70)	II	540	320	12	24	26	1080
<b>RD 300/14</b>	3	59(80)	II	540	320	14	28	26	1250

# IN-ROW POWER HARROWS





**NEW!**



BRD in-line power harrows are intended for work in orchards, primarily for cultivation between trees with a minimum distance of 50 cm.

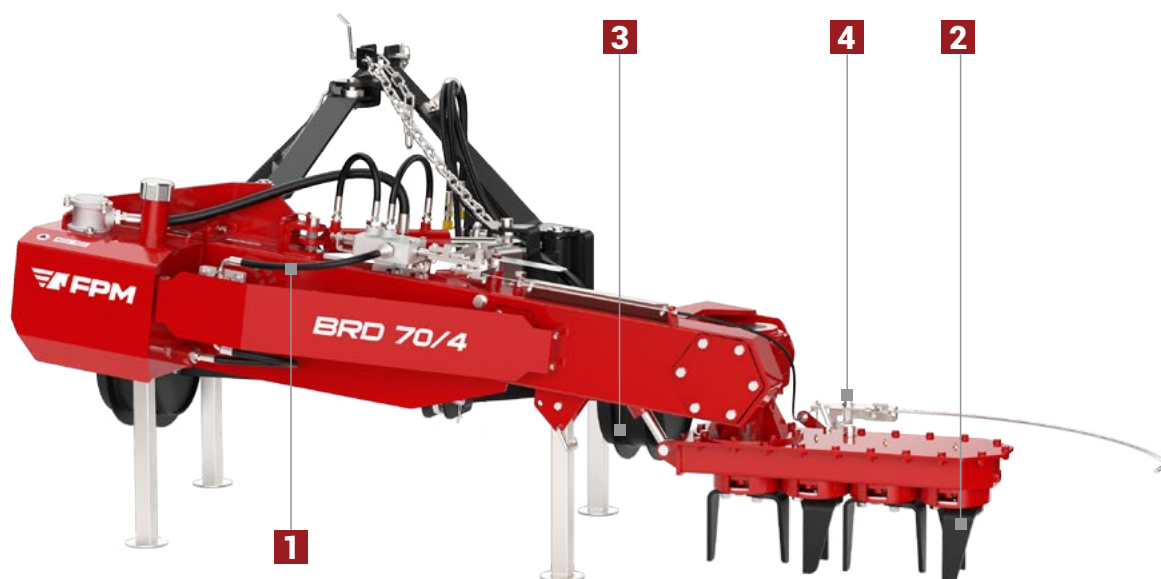
It can work in difficult conditions and hilly terrain thanks to the tilting of the working head. BRD removes grass from the ground and does not form a hard layer under the treated surface. The working part of the

machine is a rotary harrow with 4 rotors, while there are two hoes on each of them. The working width of the BRD is 70 cm, and the displacement to the side is about 50 cm. The maximum depth of tillage is up to 15 cm.

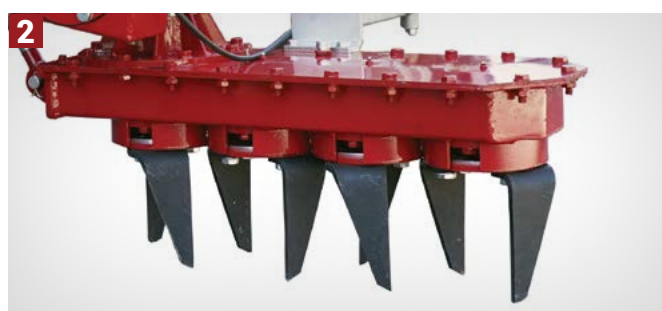
### **Advantages:**

- Lateral movement with adjustable sensor rod and hydraulic system
- High quality hoes
- The four foot points ensure the stability of the stored machine
- Pull-out wheel set for additional stability of the machine in operation
- Reinforced gearbox

# Key Features



**HYDRAULICS SYSTEM**  
consisting of tank with filter,  
pump, distributor and cylinder



**VERTICAL WORKING BODIES**  
enable better tillage













**THE WORKING DEPTH**  
is adjustable with a 2-wheel frame



**SIDE MOVEMENT**  
is realized with the sensor spring





		 min KW(HP)	 cat	 RPM	 RPM			 cm	 cm	 Kg
<b>BRD 70/4</b>	0,65	22(30)	I	540	350	4	8	15	0,5	410







**ROAD  
MAINTENANCE**



# SNOWPLOUGHS












Tractor snowplough is designed for removing snow from local and rural roads, farms, and other public and

private areas. There are two models in our range: front PDS model and rear ZDS model.

## Advantages:

- Multiple adjustment options
- Can be used both for moving forward and in reverse
- Robust structure
- Low maintenance

ZDS SERIES		 min KW(HP)	 cat	 max km/h	 Kg
<b>ZDS 220</b>	2,5	28(37)	I, II	2	330
<b>ZDS 295</b>	2,95	33(45)			386

PDS SERIES		 min KW(HP)	 max km/h	 Kg
<b>PDS 150</b>	1,5	19(26)	10	370
<b>PDS 250</b>	2,50	35(47)		676
<b>PDS 250H</b>	2,50	35(47)		722





**BLADE OPTION**  
- Metal HARDOX  
- Rubber strip



**HYDRAULIC SYSTEM**  
with up to  $\pm 30^\circ$  turn



**SHOCK AMORTIZ. SYSTEM**  
when encountering an obstacle



**SNOWPLOUGH MOUNTING BRACKET:**  
Horizontal angular adjustment of snowplough,  
and possibility of 360 degree rotation



**PDS**



**ZDS**







**SELF-PROPELLED  
MACHINES**



# MOTOR MOWERS

## FPM 407










FPM 407 motor mowers are designed for mowing of all types of grass, forage plants, medicinal herbs and grains, and are particularly suitable for use in mountainous terrain, inaccessible for tractor machinery.

They are equipped with a gearbox that has one speed for moving forward and one for reverse. In addition to mowing, they can also be used for hay raking, irrigation and snow removal.

### Advantages:

- Professional and durable machines designed for intensive use
- Can operate on slopes of up to 20°
- A number of implements can be attached
- Steel gearbox housing

				KW(HP)/RPM			km/h		
<b>FPM 407</b>	CH 270 - Kohler	✓		5,2(7) / 4000	✓	1,05 1,3	5	3,50-8	148
	CH 395 - Kohler			7,1(9,7) / 3600					158
	6 LD 360 - Anadolu	✓	✓	5,5(7,5) / 3000					175
	15 LD 315 - Lombardini			5(6,8) / 3600					166
	KM 178 F - Campes			3,68(5) / 3000 4(5,5) / 3600					172



## 2 DEVICE OPTIONS

- a) Mower
- b) Front-mounted rotary mower
- c) Belt rake
- d) Snow blower
- e) Snowplough



### HANDLEBAR

Height and side adjustable handlebars



### MOWER



### FRONT-MOUNTED ROTARY MOWER



### BELT RAKE



### SNOW BLOWER



### SNOWPLOUGH

# PARK MOWERS












FPM park mowers are designed for professional use. They are intended for mowing of large grassy areas such as parks, sports fields and similar public

areas. This mower has rear-wheel drive, providing excellent maneuverability and exceptional ease of use.

## Advantages:

- High work efficiency
- Can operate on slopes of up to 25°
- Low cost and easy maintenance
- Durable and reliable machine

				KW(HP)/RPM					km/h	m <sup>2</sup> /h		
PKS	CH 395 - Kohler	✓		7,1(9,77)/3600	✓	70	3-10	2700	4,5	1500-2000	25%	89
	6 LD 360 - Andolu		✓	5,5(7,5)/3000								
	KM 178 F - Kipor		✓	3,68(5)/3000 4(5,5) / 3600								





**HANDLEBAR**  
Height and side adjustable  
handlebars.



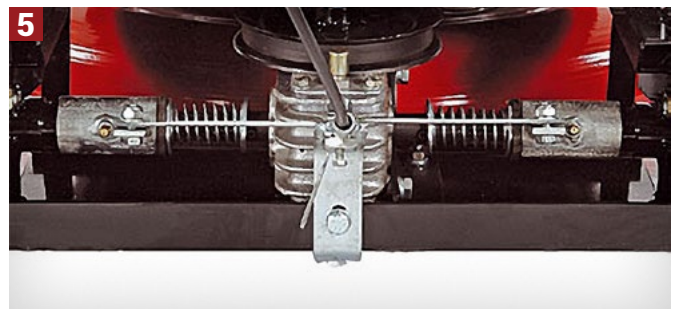
**ANGULAR  
TRANSMISSION**



**CUTTING  
BLADE**



**MOWING HEIGHT  
ADJUSTMENT**



**WHEEL  
DRIVE**

# TWO WHEEL TRACTORS FPM 408/410/414












FPM 408/410/414 two-wheel tractors are universal machines with 6 HP, 8 HP, 10 HP or 12,5 HP designed both for use in agriculture (market gardening, greenhouses, fruit growing and

viticulture), and public utility works. They are equipped with a 7 speed gearbox (5 + 2) with optional differential lock, and with two output shafts (implements and trailer).

## Advantages:

- All-round application due to a multitude of mounting options for various implements
- Proven and reliable German technology, steel gearbox housing
- Professional and durable machines designed for intensive operation
- Possibility of attaching a PTO-driven trailer and night-time operation (FPM 410/414)

			KW(HP)/RPM			 km/h	 km/h			 Kg
<b>FPM 408</b>	6 LD 360-Anadolu	✓	5,5(7,5) / 3000	✓	✓	I-1.18 II-2.43 III-3.06 IV-6.40 V-16.02	I-1.46 II-3.74	✓ (optional)	5.00-10	170
	KM 186 F-Campes		5,7(7,75) / 3000 6,3(8,57) / 3600						5.00-10	170
	KM 178 F-Campes		3,68(5) / 3000 4(5,5) / 3600						4.00-10	155
<b>FPM 410</b>	KM 188 F-Campes	✓	6,6(9) / 3000 7,35(10) / 3600	✓	✓			✓	5.00-10	177
<b>FPM 414</b>	3 LD 510-ANADOLU		9(12,2) / 3000						5.00-12	186





#### **HANDLEBAR**

Height adjustable in six positions;  
and side of 180°

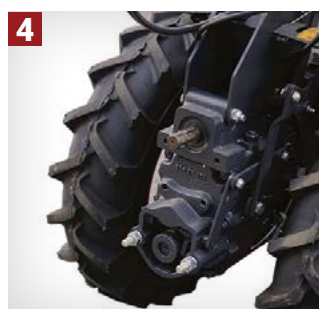


#### **ENGINE-STOP** safety system



#### **MECHANICAL BRAKES**

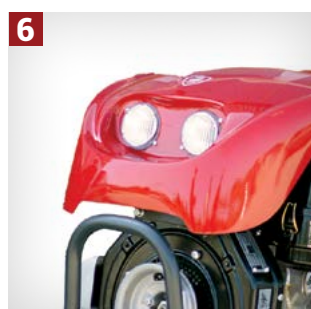
for both wheels or separately  
for each of the wheels. Option  
of differential lock for all  
models



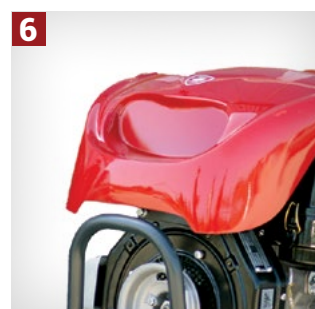
#### **TWO OUTPUT SHAFTS** optional for models FPM 410/414



#### **ELECTRO START** optional for models FPM 410/414



#### **HEADLIGHTS** optional for models FPM 410/414



# TWO WHEEL TRACTORS

## FPM 406












The two-wheel tractor FPM 406 is a universal machine designed both for use in agriculture (particularly in market gardening, greenhouses, fruit growing, and viticulture), and for a variety of public utility works. Thanks to modern manufacturing technology and optimal structure, this

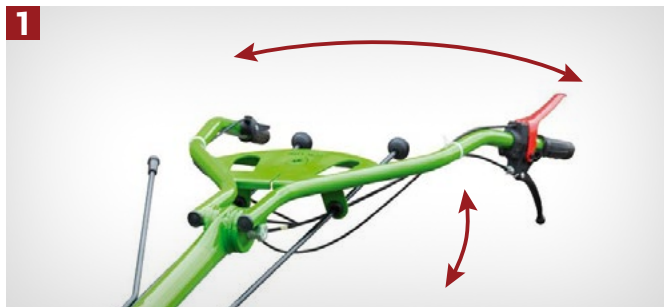
machines is incredibly easy to use and manage and has a low energy consumption. This two-wheel tractor is equipped with an extremely precise and reliable gearbox with eight speeds (4 + 4) with the option of differential lock. A large variety of implements can be mounted on it.

### Advantages:

- All-around application due to a multitude of mounting options for various implements
- Proven, reliable German technology, low weight with an optimally positioned centre of mass
- Low energy consumption, steel gearbox housing

			KW(HP)/RPM			 km/h	 km/h			 Kg
<b>FPM 406</b>	6 LD 360-Anadolu	✓	5,5(7,5) / 3000	✓		I-1.00	I-1.00	✓ (optional)	4.00-10 (optional 5.00-10)	117
	KM 186 F-Campes		5,7(7,75) / 3000 6,3(8,57) / 3600			II-1.90	II-1.90			117
	KM 178 F-Campes		3,68(5) / 3000 4(5,5) / 3600			III-3.25 IV-7.10	III-3.25 IV-7.10			102





#### **HANDLEBAR**

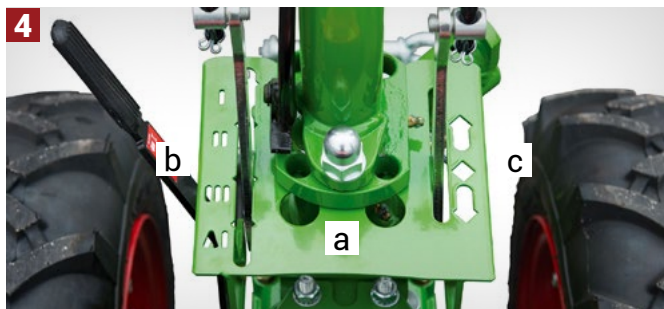
Height adjustable in six positions;  
and side of 180°



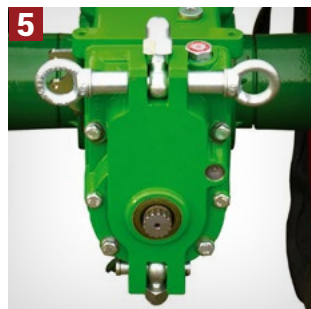
#### **ENGINE-STOP safety system**



#### **THROTTLE CONTROL**



- a) mechanism for adjusting handlebar
- b) gearbox control indicators
- c) reverser - simple and quick change of direction  
without shifting gears



#### **OUTPUT SHAFT** for PTO-driven implements, independent, up to 825 r/min






#### **ADDITIONAL WHEEL PAIR** can be mounted

# TWO WHEEL TRACTOR IMPLEMENTS






**BELT RAKE**

			
<b>FPM 802.238</b>	1,6	2/18	150
<b>FPM 804.260</b>	1,9	2/24	165



**MOWER**

			
<b>FPM 804.129</b>	1,3	17/12	56
<b>FPM 804.130</b>	1,6	21/15	65



**ROTARY TILLER**

			
<b>FPM 802.245</b>	0,5-0,8	15	41



**SNOWPLOUGH**

		
<b>FPM 805.229</b>	1,25	48



**Side Grips & Weights**



**Linkage for Trailer**



**Universal Linkage**



**Wheel Expanders**





**FR.MO. ROT. MOWER**

<b>FPM 805.239</b>	0,85	7



**REVERS. PLOUGH**

<b>FPM 803.250</b>	18	35



**PLOUGH**

<b>FPM 803.249</b>	18	24



**SNOW BLOWER**

<b>FPM 805.160</b>	0,89	5



**RIDGER**

<b>FPM 803.246</b>	15	12



**POTATO DIGGER**

<b>FPM 804.147</b>	15	10

# MOTOR HOES

## FPM 512












FMP 512 motor hoes are professional machines designed for soil cultivation in market gardening, greenhouses, fruit growing, viticulture, gardening and for maintenance of grassy areas and parks.

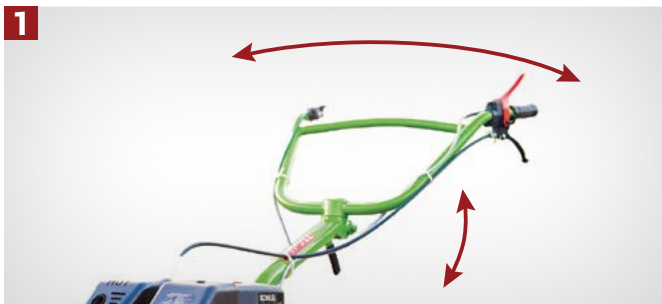
Due to robust design, drive wheel and powerful motor, this type of machine enables precise and easy operation even in the most demanding conditions.

### Advantages:

- Professional and durable machines designed for intensive operation
- Proven and reliable German technology
- Drive wheel enables easy operation
- High operation precision

			KW(HP)/RPM		 km/h	 RPM			 cm	 Kg
FPM 512	SH 265-Kohler	✓	4(5,5) / 3600	✓	I-2,7 II-4,8	I-196 II-350	3.00-4	32-50 50-65	15	51

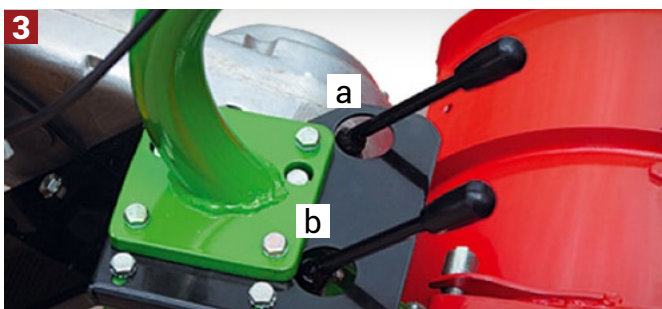




**HANDLEBAR**  
Height and side adjustable  
handlebars



**WORKING WIDTH  
ADJUSTMENT**



**GEARBOX**  
a) Two speed gearbox for moving and rotor RPM;  
b) Turning the operating units (blades) on and off;



**ENGINE-STOP**  
safety system



**RIDGER**  
Built-in option

## Notes

[illegible]





Due to our long experience and tradition, FPM AGROMECHANIKA DOO, is one of the leading agricultural machinery producers nowadays.

## **MISSION**

### **Why We exist?**

To make you proud of your work and strong in all fields providing you strong, reliable and efficient agricultural machinery.

## **VISION**

### **Our vision for the future?**

To be your first choice producer.  
In relation to the efficiency, reliability, friendly handling usage as well as best maintenance.

We want to be 1st choice of worthy people.

Due to 60 years of experience, we want to become a symbol of high-quality and reliable machinery and efficiency in all fields. We are proud to the fact that nowadays, we are one of the leading agricultural machinery producers in South East Europe while our strategic goal is to become one of the leading agricultural machinery producers in the world.

**60**  
— years —



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