

CATALOGUE 2023/2024



33 YEARS
TRADITION
OF GRASS MOWING
1990-2023



*Dakr mows
and ploughs*



www.dakr.eu



INTRODUCTION

DAKR is a Czech engineering company founded in 1990. In the beginning there was an idea to produce drum mowers for people, the excitement of the possibility of free enterprise and empty pockets. Thanks to diligence and persistent efforts, we have gradually grown to what we are today. Now we have more than 100 employees, our annual sales for our own products exceed 140 million crowns and we sell in most European countries.

We are a real Czech producer. We have our own development with a lot of unique technical solutions. For machines with engines around 190 cc we produce rotary disc mowers with a 125 cm width, when the standard width of rotary mowers ends at 70 cm. Thanks to the steerable seats, they turn gracefully and easily with their wheels and you don't have to handle heavy power units. The unique cooling system of the hydrostatic gearboxes allows us to use them for ploughing while maintaining the comfort of smooth forward and reverse speed selection. These are three of our many ideas that we protect rigorously with utility models and therefore cannot be found at any other European manufacturer.

For this year we have prepared a new tractor FD52V using a two-cylinder engine for the first time. Currently the machine is in the final stages of approval for operation on public roads (ask your dealer for the latest news).

Due to the continuously increasing requirements for the safety of the operator and other persons according to the amendment of the standard EN 12733, the whole rear half of the mower disc up to below the level of the blades on rotary mowers and mulchers is now covered with a solid cover. This is the solution we have chosen for the MUNI, MTR, M70 and M121 mulchers. The second option according to the standard is to have a solid barrier around the entire mower disc at a distance of 20 cm from the end of the mower blades, plus barriers to prevent objects, stones etc. from being thrown in all directions. We have used



Production of the rotor of a flail mulcher on a FANUC CNC welding robot

this method on the Tekton, Triton, Panter RZS70K and RZS121 mowers, for example. Thanks to the flexibility and speed of our own development and production, we were able to meet the new standard requirements quickly. The covers are always included in the price of the mower and do not need to be purchased separately.



YASKAWA CNC welding robot with two programmable positioners

We place great emphasis on production. We have two fully automated robotic welding workstations, a CNC fiber laser for shaped steel parts, 4 CNC lathes, a CNC machining center, a CNC bending press and a number of other specialized machines. We already know that our equipment is still not enough, and we are going to invest in modern machinery, automation, digitalization, and the expansion of our production facilities.

In sales, we try to find out the exact needs of the customers and offer them the most suitable machine for work. We offer a variety of grass cutting options, so we can offer other options than just offering the drum mowing over and over again. We can cut grass with single or double discs on one drum mowers, double drum and disc mowers, or shred it with blade or flail mulchers. Each mower has its own advantages and disadvantages and is suitable for a particular type of grass or plot of land, you also need to take into consideration how the grass has grown or if it has laid, or if a mole has turned your beautifully flat plot of land into a motocross track. You don't need six machines for six different mowing methods. With us, you only need one power unit and six different attachments.

We firmly believe that you will choose from our range and the DAKR machine will be your helper for many years to come.



DAKR HAS BEEN WITH YOU FOR 33 YEARS.

DAKR MACHINES FEATURES	TEKTON L196	TEKTON	TEKTON INSTART	TRITON ENDURO	TRITON FJ
HIGH AS WELL AS LOW GRASS MOWING	yes	yes	yes	yes	yes
MAXIMAL MOWING OUTPUT (m ² /h)	1800	1800	1800	1800	1800
AVERAGE MOWING OUPUT (m ² /h)	900	900	900	900	900
ONE-DRUM MOWER WITH SINGLE-DISC COMPATIBILITY	yes	yes	yes	yes	yes
ONE-DRUM MOWER WITH DOUBLE-DISC COMPATIBILITY	yes	yes	yes	yes	yes
FOUR-DISC MOWER WITH 125 WORKING WIDTH COMPATIBILITY	no	no	no	no	no
MAXIMAL MULCHING OUTPUT (m ² /h)	1650	1650	1650	1650	1650
AVERAGE MULCHING OUTPUT (m ² /h)	700	700	700	800	800
BLADE MULCHER COMPATIBILITY	yes	yes	yes	yes	yes
FLAIL MOWER COMPATIBILITY	no	no	no	no	no
HAYMAKER COMPATIBILITY	no	no	no	no	no
AERATOR COMPATIBILITY	no	no	no	no	no
SHREDDER COMPATIBILITY	no	no	no	no	no
TRAILER COMPATIBILITY	no	no	no	no	no
CYLINDRICAL BRUSH COMPATIBILITY	no	no	no	no	no
ROTAVATOR COMPATIBILITY	no	no	no	no	no
PLOUGHSHARE COMPATIBILITY	no	no	no	no	no
SNOW BLOWER COMPATIBILITY	no	no	no	no	no
SNOW BLADE COMPATIBILITY	yes	yes	yes	yes	yes
RECOMMENDED USE WITH REGARD TO ENGINE LIFE	profi	hobby	hobby	profi	profi
USE ON PLANE SURFACE	yes	yes	yes	yes	yes
USE ON GENTLE SLOPE	yes	yes	yes	yes	yes
USE ON STEEPER SLOPE	limited	limited	limited	limited	limited
MAXIMAL SPEED (km/h)	3	3	3	3	3
ELECTRIC START	no	no	yes	no	no
SEAT COMPATIBILITY	no	no	no	no	no

DAKR MACHINES FEATURES	PANTER FD2	PANTER FD2H	PANTER FD3eco	PANTER FD3-500	PANTER FD5	PANTER FD52V	NOTES
HIGH AS WELL AS LOW GRASS MOWING	yes	yes	yes	yes	yes	yes	
MAXIMAL MOWING OUTPUT (m ² /h)	5500*	7500*	10000*	10000*	11250*	17500*	*with DZS 125
AVERAGE MOWING OUPUT (m ² /h)	1700*	1900*	4000*	6000*	6000*	9000*	*with DZS 125
ONE-DRUM MOWER WITH SINGLE-DISC COMPATIBILITY	yes	yes	yes	yes	yes	yes	
ONE-DRUM MOWER WITH DOUBLE-DISC COMPATIBILITY	yes	yes	yes	yes	yes	yes	
FOUR-DISC MOWER WITH 125 WORKING WIDTH COMPATIBILITY	yes	yes	yes	yes	yes	yes	
MAXIMAL MULCHING OUTPUT (m ² /h)	3124	4260	9680	9680	10890	16940	
AVERAGE MULCHING OUTPUT (m ² /h)	1600	1700	4000*	6000*	6000*	8000*	*with M121
BLADE MULCHER COMPATIBILITY	yes	yes	yes	yes	yes	yes	
FLAIL MOWER COMPATIBILITY	no	no	yes	yes	yes	yes	
HAYMAKER COMPATIBILITY	yes	yes	yes	yes	yes	yes	
AERATOR COMPATIBILITY	yes	yes	yes	yes	yes	yes	
SHREDDER COMPATIBILITY	yes	yes	yes	yes	no	no	
TRAILER COMPATIBILITY	yes 220 kg	yes 220 kg	yes 220 kg	yes 220 kg	yes 400 kg	yes 400 kg	
CYLINDRICAL BRUSH COMPATIBILITY	yes	yes	yes	yes	yes	yes	
ROTAVATOR COMPATIBILITY	yes	yes	yes	yes	yes	yes	
PLOUGHSHARE COMPATIBILITY	no	no	no	no	yes	yes	
SNOW BLOWER COMPATIBILITY	yes	yes	yes	yes	yes	yes	
SNOW BLADE COMPATIBILITY	yes	yes	yes	yes	yes	yes	
RECOMMENDED USE WITH REGARD TO ENGINE LIFE	profi	profi	profi	profi	profi	profi	
USE ON PLANE SURFACE	yes	yes	yes	yes	yes	yes	
USE ON GENTLE SLOPE	yes	yes	yes	yes	yes	yes	
USE ON STEEPER SLOPE	yes	yes	yes	yes	limited	limited	
MAXIMAL SPEED (km/h)	4,4	6	8	8	9	14	
ELECTRIC START	no	no	no	yes	yes	yes	
SEAT COMPATIBILITY	yes	yes	yes	yes	yes	yes	

The average performance of mowing and mulching is indicative and depends on the terrain, vegetation, on the degree of the slope and the physical abilities of the operator when walking behind the machine.

The service life of aluminum engines is approximately half than of the engines with a cast iron cylinder.

Pay attention to these parameters to choose the right mower:



We manufacture more than 50 different types of mowers and mulchers for high grass so our portfolio includes a machine for everyone. To make the choice of the machine as easy as possible for you the following symbols will be used throughout the catalogue. By taking the basic requirements into account you can choose a suitable machine that will serve you reliably for years, will never have a problem getting through difficult terrain, will handle exactly how you need it and can also be used for other work. As our machines are designed to be modular you get equipment that will help you all year round, with a great deal of additional functionality.



You can save a lot of time at work by choosing the mower with optimum operating width. In our product range you will find mowers and mulchers with the cutting width of 55, 60, 69, 71, 100, 121 and 125 cm. From the value of the cutting width and the machine's speed, you can easily calculate the maximum working power of the machine. The actual power in real conditions corresponds to about 1/3 to 2/3 of the maximum power.

EXAMPLE: The Tekton mower with 60 cm operating width will mow up to 1,800 m² in an hour. In general you can mow about 1,000 m²/h with it.

The Panther FD3-500 + RZS121 mower with 121 cm operating width will mow up to 10,000 m² in an hour. In general you can mow about 4,000 m²/hour with it.



If you are mowing on the slopes we recommend to pay close attention to the tyres. They should have a large diameter, a quality tyre tread and also quality rubber should be used for their production. The cheating on the wheels in their size, quality of the tyre mixture and their pattern has a very negative effect on the mower's driving features on slopes but also on planes. The stated value symbolizes the outer diameter of the wheel in mm.



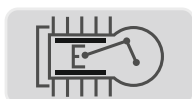
Nobody wants to have a single-purpose machine at home just for mowing. Choose from our Tekton, Triton or Panther kits and you will use them for many other activities. We do not force you to buy expensive single-purpose machines. Our Panther driving units are compatible with the adapters for mowing, mulching, raking, loosening the soil, aerating lawns, sweeping and collecting dirt, snow removal, cargo transport, crushing branches, etc. In addition the Panther FD5 driving unit excels in a whole range of field work so DAKR machine mows as well as plows.



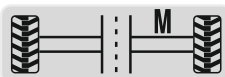
The other customers want to be able to adjust the cutting height comfortably because they have one flat piece of land and the other bumpy. Regarding the mulchers this feature has been known for many years. If you are looking for a drum mower with these options, then only the RZS70K mower will meet your requirements because no other manufacturer produces a mower like that for high grass.



Using an electric starter is very popular with more powerful engines but sometimes it brings minor difficulties in case the customer is not able to start the machine in the event of a battery failure. There is a key to start the Panther FD3-500 and Panther FD5 driving units but even a discharged battery will not limit you as the engine is equipped with a completely independent backup manual starter.



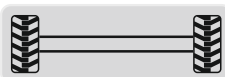
Engine manufacturers sometimes state maximum power to "wow" customer so we recommend you to compare the engine capacity and focus on its service life. The cast iron cylinder has approximately double service life of the aluminum cylinder. Please do not confuse the 850 engine with the 850 I/C engine.



The traction and controllability of the machines is significantly affected by the type of axle used. The best controllability is achieved by fitting with a classically designed differential and a manually controlled locking because it gives you the control over the wheels traction as well as machine direction.



The self-locking differential or split self-locking axle makes it easy to guide the machine around obstacles, cross over asphalt etc. When turning, the wheels turn independently of each other but in the straight direction they are engaged together. Working with a machine equipped with this system allows passing the trees easily.



The fixed axle is completely maintenance-free. It always guides the machine precisely so it is suitable especially for more demanding terrain where the highest emphasis is placed on the traction. Its excellent properties in the straight direction results in slightly more difficult turning because the machine needs to be skidded. We therefore recommend this system better for the area with a minimum of the obstacles.

**STAINLESS
STEEL**

Thanks to our modern technologies, we can produce some parts from stainless steel which is advantageous especially for their long life. Clean the mulcher's casing and the collecting bin of the sweeping brush mechanically and they will always look like new for many years.



Our development projects often result in completely new solutions that are unparalleled elsewhere as can be seen in our range of utility models. We provide development from our own resources. Our products bearing the seal of the Industrial Property Office of Czech republic are the result of many years spent striving to provide customers with originality coupled with technical benefits.

**SAFETY REGULATIONS
2020**

The mowers and the mulchers marked with this symbol meet EN 12733 standard and provide you with maximum safety at work.

TEKTON L196 KIT

– reliable garden helpers

TEKTON L196 KIT

TEKTON mowers and mulchers offer a modular chassis to which you can attach 4 types of working adapters. The TEKTON machine is very easy to operate thanks to its two-speed drive gear, self-locking split axle and large all-terrain wheels. An anti-vibration handle cover and height-adjustable handlebars contribute to operator's comfort.

The mowing mechanism with small underrunning mower deck, the so-called single disc, can also mow even the lay down grass and it remains in line perfectly. It cuts through anthills and molehills with ease and is really simple to maintain.

The full-covered mowing mechanism from the bottom, the so-called double-disc is suitable in rough terrain and has lower power requirements. Both mowers can be complementary with 60 cm operating width.



**TEKTON L196
drum mower kit**

LONCIN



**TEKTON L196
mulcher kit**

LONCIN



According to the safety standard EN 12733, a solid barrier is required around the cutting disc 20 cm from the end of the cutting blades and to prevent objects from being thrown in all directions at the same time.

The covers meet the safety requirements and are always included in the price of the mower. You don't have to buy them separately.

DESIGNATION ORDER NO.	ENGINE	MOWING MECHANISM	MOWING MECHANISM
TEKTON L196 01233.315	Loncin LC1P70F-3 196 cc 6.1 HP, cast iron cylinder	Disc with small slider, 2 blades (4 optional), 60 cm operating width, a protection cover	Two travel speed (2.3 or 3.0 km/h), solid axle, 400 mm wheels with V-shape tread pattern
TEKTON L196-2 01233.335		Double-disc with full surface slider, 4 blades, 4.0 cm stubble height, 60 cm operating width, a protection cover	
TEKTON L196 MULCHER 01233.050		Stainless steel body, 55 cm operating width, central height adjustment, stubble height 4-10 cm	

ADVANTAGEOUS SET

Tekton L196 drum mower
and MUNI mulcher adaptor

Order No.: 01233.314

NOTE:

You can get the double the set from all variants of enginess and working adaptors TEKTON, TRITON product range.



TEKTON KIT

– mowing, mulching, snow removal... all simple with one machine!

A common feature of the TEKTON machines is a modular chassis with 4 compatible adaptors as well as a two-speed gearbox. The machines differ in the engine model and the typical cutting mechanism. All the models are of course equipped with a travel. These machines are light (48-56 kg depending on the type of machine). They can be easily turned and pulled back. They have an axle which locks in the engagement. When you turn the axle will open partly similar to the differential. The handlebars are height adjustable, the wheels are blown and large with a diameter of 400 mm so they can easily pass various bumps and holes on the ground. Riding this machine is similar to a pram and the operation is comparable to the lawn mowers so women often mow with them without worry. Tektons are fitted with 4 different petrol 4-stroke engines in an aluminium hobby design as well as cast iron professional design. The customers who have a problem with the manual start can choose the electric starter from the Lion battery.

The TEKTON kit has the following advantages:

- light and easily manageable machine that can be operated with one hand
- a kit with 4 compatible adaptors: 2 types of mower for high as well as low grass, a mulcher or a snow blade
- two travel speeds 2.3 and 3.0 km/h
- comfortable handlebars with the antivibration sleeve, in 4 position adjustable
- exceptionally low noise
- separate, independent travel and cutting tool switches
- axle with automatic disconnection of the shutter during the travel disconnection
- axle with automatic connection of the shutter during the travel use
- safety break for quick stop of the blade
- space-saving machine with collapsible handlebars which can be put into a car by a single person
- protection cover complies with the latest safety standards, according to which there must be a solid barrier around the whole mower disc at a distance of 20 cm from the end of the mower blades, plus barriers to prevent objects, stones etc. from being thrown in all directions



TEKTON KIT

We use exclusively Briggs&Stratton, Loncin and Honda engines for the Tekton range which service is guaranteed all over the Europe.



TEKTON chassis

- Loncin LC1P70F-3
- Briggs&Stratton 675 EXi Series engine
- Briggs&Stratton 675 Series InStart engine
- Honda GCVx170 engine

+ compatible adaptor*

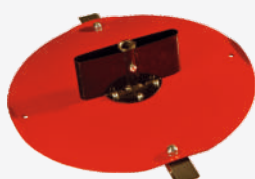
- SUNI single-disc drum mower adaptor
- SUNI 2 double-disc drum mower adaptor
- MUNI mulcher adaptor
- RUNI snow blade

* To each Tekton chassis it is possible to attach any of the compatible adaptors as bellow. See page 8 and 9 for more details.

COMPATIBLE ADAPTORS

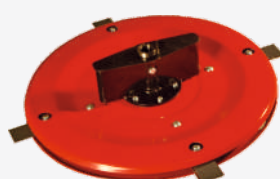
SUNI single-disc drum mower

Order No.: 01233.186



SUNI 2 double-disc drum mower

Order No.: 01233.181



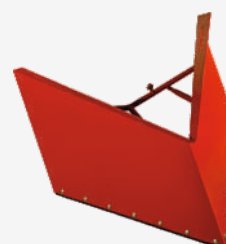
MUNI mulcher

Order No.: 01233.184



RUNI snow blade

Order No.: 01233.190



*If you buy a new SUNI single-disc or SUNI 2 double-disc adaptor it is necessary to buy a **protective cover too** (if you don't already own it). The cover is same for SUNI as well as SUNI 2 adaptor.

Protective cover

Order No.: 11200.955

TEKTON DRUM MOWERS

– grass mowing with elegance, flexibly, simply and fast

The drum mowers mow both low and tall grass and treat the vegetation in the same way as a scythe which means that they only cut the grass once and do not damage it further. It is suitable for example when drying hay. The main group of our customers are people who do not want or cannot mow the grass many times a year but for example only once in the spring and at the end of summer for the second time. It is not just about comfort but also because the natural diversity of the plants and animals haven't been found in the area which is regularly shortened to a length of a few centimetres in the interval of 1-2 weeks.

TEKTON mower with single or double disc

The single disc with a small pivot slider can cope with laying grass because it fluffs the grass and mows it at once. The double disc is suitable for uneven ground because it is better protected from the impact against the bumps and does not lose energy from collisions. Of course there are more differences and each system has its advantages and disadvantages. The Tekton and Triton kits have both options and can be changed according to where it is used and what is cut.

Operator comfort and safe control even in more demanding terrain

All TEKTON mowers have a self-locking divided axle that works similarly as the differential with locking. This system ensures that the both wheels are engaged together when the travel is switched on. If you switch off the travel the wheels will rotate separately. If you turn off the travel you can change the machine's direction easily which is comfortable and safe. The machine does not accelerate while driving downhill but uses the engine braking.



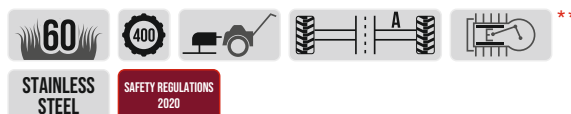
Tekton drum mower kit

Common Features:

- 4 engines at choice
- single-disc or double-disc at choice
- 2 travel speeds (2.3 km/h or 3.0 km/h)
- self-locking divided axle
- operating width 60 cm
- max. hourly per formance 1,800 m²/h
- possibility of rebuilt into mulcher or blade



The cover is a part of the machine



DESIGNATION ORDER NO.	ENGINE**	MOWING MECHANISM*	TRAVEL
TEKTON L196 01233.315	Loncin LC1P70F-3 196 cc 6.1 HP, cast iron cylinder	Disc with small slider, 2 blades (4 optional), 3.5 cm stubble height, 60 cm operating width, a protection cover	Two travel speed (2.3 or 3.0 km/h), self-locking divided axle, 400 mm wheels with V-shape tread pattern
TEKTON L196-2 01233.335		Double-disc with full surface slider, 4 blades, 4.0 cm stubble height, 60 cm operating width, a protection cover	
TEKTON 01233.317	Briggs&Stratton 675 Exi Series 163 cc, 5.5 HP, aluminium cylinder	Disc with small slider, 2 blades (4 optional), 3.5 cm stubble height, 60 cm operating width, a protection cover	
TEKTON 2 01233.337		Double-disc with full surface slider, 4 blades, 4.0 cm stubble height, 60 cm operating width, a protection cover	
TEKTON InStart 01233.330	Briggs&Stratton 675 Series InStart 163 cc, 5.5 HP, aluminium cylinder, electric switch	Disc with small slider, 2 blades (4 optional), 60 cm operating width, a protection cover	
TEKTON InStart 2 01233.340		Double-disc with full surface slider, 4 blades, 4.0 cm stubble height, 60 cm operating width, a protection cover	
TEKTON GCVx 01233.316	Honda GCVx170, 166 cc, 5.5 HP, aluminium cylinder	Disc with small slider, 2 blades (4 optional), 60 cm operating width, a protection cover	
TEKTON GCVx 2 01233.336		Double-disc with full surface slider, 4 blades, 4.0 cm stubble height, 60 cm operating width, a protection cover	

* The individual types of cutting discs are shown on page 7 in section compatible adaptors.

** The engine with cast iron cylinder liner is offered by the Tekton L196 and Tekton L196-2 models.

TEKTON MULCHERS

It is a machine with one horizontal blade and operating width of 55 cm. Thanks to the excellent handling of all Tekton and Triton models they are suitable for rugged gardens and smaller orchards or vineyards. The machine has an adjustable mulching height and a stainless steel body. In the first phase after mowing, the freshly cut grass mass partially closes the surface and thus inhibits the growth of more grass. However after few days this material is transformed into humus which supplies the soil with nutrients and is a source of many organic substances. Tekton and Triton mulchers advantage is that if mulching is already difficult or impossible then the cutting disc may be used instead and the problem is solved.

When choosing a machine you should focus on:

- a possibility to adjust the stubble height. We can set not only the height of the stubble but also the optimal length of grass cut.
- a possibility to combine the mowing and the mulching. Only by alternating these ways of maintenance we will achieve the best results. The mulch must have enough time to turn into humus.
- a sufficiently powerful engine. Mulching is more efficient than mowing itself because the grass must be crushed.

The body of the TEKTON mulcher is made of stainless steel. The height adjustment is done centrally by a lever.



TEKTON mulcher kit

Common Features:

- 4 engines at choice
- 2 travel speeds (2.3 km/h or 3.0 km/h)
- self-locking divided axle
- operating width 55 cm, guide wheels
- stainless steel casing, central height adjustment
- max. hourly performance 1,650 m²/h
- stubble height 4-10 cm
- possibility of rebuilt into mower (single or double disc) or blade



SPECIAL ACCESSORIES

You can connect 2 types of mowing adaptors and a snow blade to the Tekton mulchers. All the adaptors are shown on page 7.

LONCIN

BRIGGS & STRATTON

HONDA
POWER EQUIPMENT



DESIGNATION ORDER NO.	ENGINE**	MOWING MECHANISM	TRAVEL
TEKTON L196 MULCHER 01233.050	Loncin LC1P70F-3 196 cc 6.1 HP, cast iron cylinder	Stainless steel body, 55 cm operating width, central height adjustment, stubble height 4-10 cm	Two travel speed (2.3 or 3.0 km/hour), self-locking divided axle, 400 mm wheels with V-shape tread pattern
TEKTON MULCHER 01233.019	Briggs&Stratton 675 Exi Series 163 cc, 5.5 HP, aluminium cylinder		
TEKTON InStart MULCHER 01233.042	Briggs&Stratton 675 Series InStart 163 cc, 5.5 HP, aluminium cylinder, electric switch		
TEKTON GCVx MULCHER 01233.020	Honda GCVx170, 166 cc, 5.5 HP, aluminium cylinder		

** The engine with cast iron cylinder liner is offered by the Tekton L196 and Tekton L196-2 models.

TRITON KIT

– comfortable and durable machines with tradition

TRITON KIT

Triton is similar to Tektons but technically exceeds them. Tritons have very low vibrations due to the conical connection of the shaft to the cutting adaptors. The adaptors are driven by a RoFlex V-belt with Kevlar fiber placed on a steel pulley. All mowers have an industrial brake of the cutting adaptor. A common feature of Tritons is a two-speed gearbox as well as a modular chassis to which you can connect 4 types of adaptors. The individual models differ in the engine type and the connected adaptor. All the Triton machines have a travel of course.

The TRITON kit has the following advantages:

- easy replacement of the adaptors fixed from above with an easily accessible screw
- lower vibrations due to the conical connection of the cutting adaptor's shaft
- RoFlex Garden V-belt with Kevlar fiber
- steel pulley
- industrial brake of the cutting tool
- light and easy machine to use which can be operated with one hand
- kit that can serve as a mower, mulcher and snow plow
- industrial brake of the mower adaptor
- two travel speeds 2.3 or 3.0 km/h
- comfortable handlebars with anti-vibration sleeve which are height-adjustable in 4 positions
- exceptionally low noise when mowing the grass
- separate, independent travel and adaptors engagement
- axle with automatic disconnection when travel is switched off
- axle with automatic locking when travel is engaged
- space-saving machine with folding handlebars which can be loaded into the car by one person
- compatibility with all TEKTON machines (cables, belts, spare parts for mowing adaptors are interchangeable)
- protection cover complies with the latest safety standards, according to which there must be a solid barrier around the whole mower disc at a distance of 20 cm from the end of the mower blades, plus barriers to prevent objects, stones etc. from being thrown in all directions



TRITON KIT

All our Triton modular mowers and mulchers are fitted exclusively with Briggs&Stratton, Honda and Kawasaki brand engines whose service and sale of spare parts are provided by technicians throughout the Europe.



TRITON chassis

- Briggs&Stratton 850I/C Series engine
- Kawasaki FJ 180 engine
- Honda GCVx200 engine

+ compatible adaptor*

- STR1 single-disc drum mower adaptor
- STR2 double-disc drum mower adaptor
- MTR mulcher adaptor
- RTR snow blade

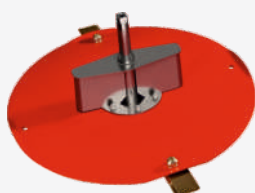
* Illustration of the uncovered Triton's frame which is compatible with one of the adaptors below. See pages 11 and 12 for more information.

TRITON machines have a divided travel pulley which works as a differential when travel is switched off. When the travel is switched on the axle closes and engages both wheels at the same time. Our solution allows you to effortlessly turn exactly as needed while keeping the exact direction of travel even in difficult terrain. This design solution ensures precise and safe controllability and it is a much better solution than freewheels in the wheels. When driving downhill the machine does not accelerate but brakes by the engine. The both wheels are engaged uphill.

COMPATIBLE ADAPTORS

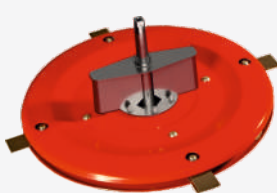
STR single-disc drum mower adaptor

Order No.: 01233.286



STR 2 double-disc drum mower adaptor

Order No.: 01233.281



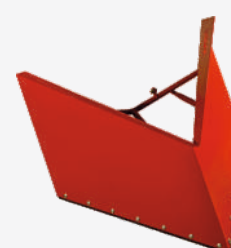
MTR mulcher adaptor

Order No.: 01233.284



RTR snow blade

Order No.: 01233.290



* If you purchase STR1 single-disc or STR2 double-disc in addition to your machine it is also necessary to purchase a **protective mowing cover** if you don't have it any more (covers for STR1 and STR2 are identical).

Protective cover

Order No.: 11200.954

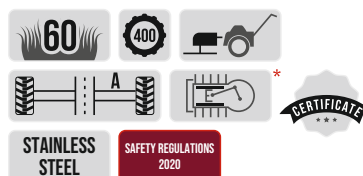
TRITON DRUM MOWERS



TRITON drum mower kit

Common features:

- 2 professional Briggs&Stratton or Kawasaki engines and new generation Honda engine
- single-disc or double-disc at choice
- 2 travel speeds (2.3 or 3.0 km/h)
- self-locking divided axle
- operating width 60 cm
- max. hourly performance 1,800 m²/h
- possibility of rebuilt into mulcher or blade



DESIGNATION ORDER NO.	ENGINE	MOWING MECHANISM **	TRAVEL
TRITON ENDURO 01233.318	Briggs&Stratton 850 I/C Series* 190 cc, 6.5 HP, cast iron cylinder, oil filter, oil pump	Disc with small slider, 2 blades (4 optional), 3.5 cm stubble height, 60 cm operating width, a protection cover	Two travel speed (2.3 or 3.0 km/h), self-locking divided axle, 400 mm wheels with V-shape tread pattern
TRITON ENDURO 2 01233.338		Double-disc with full surface slider, 4 blades, 4.0 cm stubble height, 60 cm operating width, a protection cover	
TRITON FJ 01233.321	Kawasaki FJ 180, 179 cc*, 5.5 HP, cast iron cylinder	Disc with small slider, 2 blades (4 optional), 60 cm operating width, a protection cover	
TRITON FJ 2 01233.341		Double-disc with full surface slider, 4 blades, 4.0 cm stubble height, 60 cm operating width, a protection cover	
TRITON GCVx 01233.201	Honda GCVx200, 201 cc, 7.0 HP, cast iron cylinder	Disc with small slider, 2 blades (4 optional), 60 cm operating width, a protection cover	
TRITON GCVx 2 01233.202		Double-disc with full surface slider, 4 blades, 4.0 cm stubble height, 60 cm operating width, a protection cover	

* All Triton Enduro and Triton FJ models offer engine specifications with a cast iron cylinder. Do not confuse the Briggs&Stratton 850 I/C Series engine with a Briggs&Stratton 850 Series engine which has the aluminum cylinder. We use only the Briggs & Stratton 850 I/C engine for all products. It has a cast iron cylinder, oil pump and oil filter which extends its service life to at least twice of its working time.

** The individual types of cutting discs are shown on page 10 in section compatible adaptors.

TRITON mulcher kit

Common features:

- 2 professional Briggs&Stratton or Kawasaki engines and new generation Honda engine
- 2 travel speeds (2.3 or 3.0 km/h)
- self-locking divided axle
- operating width 55 cm, guide wheels
- stainless steel body, central height adjustment
- max. hourly performance 1,650 m²/h
- stubble height 4-10 cm
- possibility of rebuilt into single or double disc mower and blade



The cover is part of the machine



DESIGNATION ORDER NO.	ENGINE	MOWING MECHANISM	TRAVEL
TRITON ENDURO MULCHER 01233.242	Briggs&Stratton 850 I/C Series* 190 cc, 6.5 HP, cast iron cylinder, oil filter, oil pump	Stainless steel body, 55 cm operating width, central height adjustment, stubble height 4-10 cm	Two travel speed (2.3 or 3.0 km/h), self-locking divided axle, 400 mm wheels with V-shape tread pattern
TRITON FJ MULCHER 01233.243	Kawasaki FJ 180, 179 cc*, 5.5 HP, cast iron cylinder		
TRITON GCVx MULCHER 01233.203	Honda GCVx200, 201 cc, 7.0 HP, cast iron cylinder		

* All Triton Enduro and Triton FJ models offer engine specifications with a cast iron cylinder. Do not confuse the Briggs&Stratton 850 I/C Series engine with a Briggs&Stratton 850 Series engine which has the aluminum cylinder. We use only the Briggs & Stratton 850 I/C engine for all products. It has a cast iron cylinder, oil pump and oil filter which extends its service life to at least twice of its working time.



ENGINES

PROTECT YOUR ENGINE

from the dangers hidden in the fuel

Introducing you our new and improved **FUEL FIT(R)** fuel additive

- Protects against the corrosive effects of ethanol in fuel
- Extends the life of your engine
- Proven – Untreated fuel can cause poor engine performance

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PURCHASE A PRODUCT



GIVE A POWER TO PEOPLE WITH MUSCULAR DYSTROPHY



MDA RIDE
CZECH REPUBLIC



PANTER – don't you adapt to the machine, adapt the machine to your requirements

Panther is a machine that incorporates all our expertise acquired up to this moment. It is a fully professional kit intended for small growers as well as professional gardeners requiring the most modern machines. Thanks to our effort you can attach a whole range of adaptors to one driving unit. This attribute makes the Panther machine usable throughout the year. You can cut the grass, mulch, rake and turn the hay, move the bulk material, remove the snow, transport loads, shred branches or brush away. Panther is simply a tireless machine intended for everyday use. The modular kit consists of the driving unit and the working adaptor. It enables to assemble many unique machines.

The Panther kit has the following advantages:

- universal machine for professional use
- easy change of adaptors
- selection of several driving units
- much lower price than purchase, storage and maintenance of several single-purpose machines
- continuous development of new adaptors compatible with older driving units
- option to sit on a seat while cutting
- simple operation and maintenance
- high quality professional engines
- significant reduction of vibration due to the structural design of the frame and silent block mounting of the engine
- wide wheel gauge and low position of the mass centre for works on slopes
- height and side adjustable handlebars
- selection of 17 adaptors and other accessories compatible with Panther FD2 and FD2H driving units



- selection of 21 adaptors and other accessories compatible with Panther FD3eco and FD3-500
- Panther FD5 driving unit can cope even more because it can handle almost all field work

The drive unit is the mechanical heart of the machine. There are 8 models available. All the Panther driving units are fitted with Briggs&Stratton brand engines with a cast iron cylinder. The engines with aluminium cylinders are cheaper but their service life is half. The Briggs&Stratton 850 Series engines with the cast iron insert are labelled by I/C sign. The more powerful Powerbuilt engines are not manufactured at all in the aluminum version and they all have the cast iron cylinder. The basic PANTER FD2 model has a manual transmission and a fixed axle. Panther FD2H and FD3eco (both with reverse speed) offer more comfort thanks to fluent forward and reverse speed control and axles with differential and locking. Panther FD3-500 underlines this comfort with electric starting and the most powerful Powerbuilt 4145 single-cylinder vertical engine.

Panther FD2 and Panther FD2 L224 driving units offer:

- drum and disc mowing
- blade mulching
- hay turning and raking
- soil ploughing and lawn aerating
- branch shredding
- load transporting
- snow sweeping and snow removal
- salt and artificial fertilizer spreading



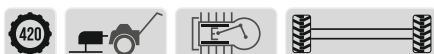
Panther FD2 with Briggs&Stratton engine
Order No.: 01235.011

Panther FD2 L224 with Loncin engine
Order No.: 01235.111

INOVATION
2 TYPES OF ENGINE

Loncin

BRIGGS & STRATTON



Panter FD2H and Panter FD2H L224 driving unit offers:

- drum and disc mowing
- blade mulching
- hay turning and raking
- soil ploughing and lawn aerating
- branch shredding
- load transporting
- snow sweeping and snow removal
- salt and artificial fertilizer spreading

LONGCIN

BRIGGS & STRATTON

TUFF TORQ

420

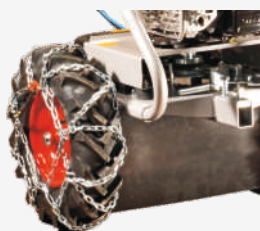


Panter FD2H with Briggs & Stratton engine
Order No.: 01235.019

Panter FD2H L224 with Loncin engine
Order No.: 01235.119

INOVATION
2 TYPES OF ENGINE

SPECIAL ACCESSORIES FOR PANTER DRIVING UNITS FD2, FD2H cable chains



- hardened pieces

Order No.: 10100.081



BRIGGS & STRATTON

TUFF TORQ

Panter FD3eco driving unit offers:

- blade and flail mulching
- soil ploughing and lawn aerating
- branch shredding
- drum and disc mower
- hay turning and raking
- load transporting
- snow sweeping and snow removal
- salt and artificial fertilizer spreading

Order No.: 01236.021

480





Panter FD3-500 driving unit offers:

- drum and disc mowing
- blade and flail mulching
- hay turning and raking
- soil ploughing and lawn aerating
- branch shredding
- load transporting
- snow sweeping and snow removal
- salt and artificial fertilizer spreading

Order No.: 01236.001



SPECIAL ACCESSORIES FOR PANTER DRIVING UNITS

Axle extension

for Panter FD3eco and FD3-500 driving unit



Wheel track with axle extension is 940 mm.

Order No.: 01236.003

Double wheel

for Panter FD3eco and FD3-500 driving unit

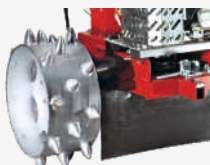


Wheel track with double wheels is 1,190 mm.

Order No.: 40000.0160

Steel wheels

for Panter FD3eco and FD3-500 driving unit

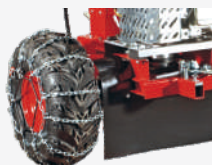


The wheel weight is 35 kg.

Order No.: 01236.100

Cable chains

for Panter FD3eco and FD3-500 driving unit



Hardened pieces.

Order No.: 10100.082



**A heart
of big machines**



7220EXi



**PREMIUM
FILTRATION**



**DURABLE
STEEL
CYLINDER
LINER**



**LESS
VIBRATION
QUIETER RIDE**



**STARTING
LIKE A CAR**

BRIGGSandSTRATTON.com

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YOU.POWERED.

PANTER FD5 GARDEN TRACTOR

has successfully reached 1,000 units produced and it is not alone in offer

Thanks to its compact dimensions, powerful motor, easy manoeuvrability, good stability and minimal maintenance, the FD5 is designed for a wide range of clients - from hobby to professional users. For example, it can be used in gardens, vineyards, smaller plots of land, for greenery maintenance and municipal services. Both front and rear attachments can be connected to the drive unit. The towed equipment includes a ploughshare, lifting ploughshare, harrows and a trailer. From the front actively driven attachments, we can mention the two-drum mower, disc mower, flail mulcher, belt hay-turner, plough for snow and loose material, sweeper or rotary soil rotavator.

The first series left the line in early May 2017. There were 100 units sold that year. We are now able to produce about 25 tractors per month. Thanks to this, on Tuesday October 2022, we produced a machine with production number 1000. We have managed to surpass this milestone in less time than before with single-axis power units. However, the older machines are supporting the sales of the new ones a lot. Most of the adaptors are compatible. Also for the future, if we make a new drive unit, the existing adaptors must fit it.

The FD52V has a two-cylinder engine, a stronger hydro gearbox, a higher chassis, brakes on the front axle, lights like in a car, including a socket for a trolley, a falsh light and other homologated features to enable operation on roads.

However, the machine still remains relatively lightweight, it will go through a garden gate into a field, can be transported on a trailer behind a car and is compatible with a range of Panter accessories.



The main differences between the models, FD52V has:

- two-cylinder engine
- pressure lubrication
- oil filter
- 45% more engine power
- EFM (electronic choke)
- 75% more tractive power of the hydrodrive
- 40% higher maximum travel speed
- 25 mm higher chassis
- brakes on the front axle too
- lights like in a car, including a socket for a trolley, a beacon and other homologated features to allow operation on public roads



PANTER FD5 driving unit



Panter FD5 driving unit offers:

- soil ploughing, harrowing, lifting
- potatoes lifting
- drum and disc mowing
- blade and flail mulching
- hay turning and raking
- lawn aerating
- load transporting
- snow sweeping and snow removal
- salt and artificial fertilizer spreading

Order No.: 01237.000



OPTIONAL ACCESSORIES

PN1 - Front carrier for FD5

Order No.: 01237.010



ZN1 - Rear carrier for FD5

Order No.: 01237.015



ON1 – Carriers control levers for FD5

Order No.: 01237.020

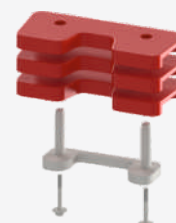


Set of weights for FD5 wheels (2 x 12,5kg)

Order No.: 01237.030

Towing ball

Order No.: 01237.040 for FD5
Order No.: 01237.042 for FD52V



Set of weights for rear hitch (25kg)

Order No.: 01237.035



PANTER FD52V
driving unit

NEW



**Approved for use on public
roads in CZ***

**At the time of publication of the catalogue, the final approval phase is in progress. Ask your dealer for the latest news.*

**Briggs&Stratton EXi 7220
two-cylinder engine with 22 HP**

**Hydrostatic transmission
TUFFTORQ K72A
with a torque of 549 Nm**

Panter FD52V driving unit offers:

- approved for use on public roads in CZ*
- soil ploughing, harrowing, lifting
- potatoes lifting
- drum and disc mowing
- blade and flail mulching
- hay turning and raking
- lawn aerating
- load transporting
- snow sweeping and snow removal
- salt and artificial fertilizer spreading



Order No.: 01237.005

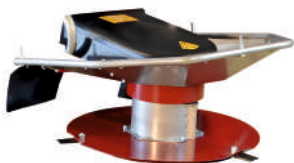




COMPATIBLE ADAPTORS

If you order an adaptor separately do not forget to state the type of your driving unit.

RZS70K One-drum mower
with the protective cover included



RZS121 Two-drum mower
with the protective cover included



DZS125 Disc mower



MC100 and MC70 Flail mowers



M70 One-blade mulcher



M121 Two-blade mulcher



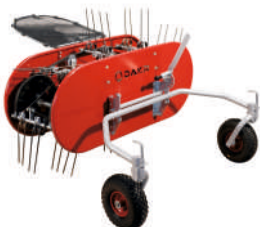
DV70 Branch crusher



ROT Rotary cultivator & VERTI Aerator



OP114 Haymaker



SB110 Sweeping brush



RAP85 & RAP100 Snow blade



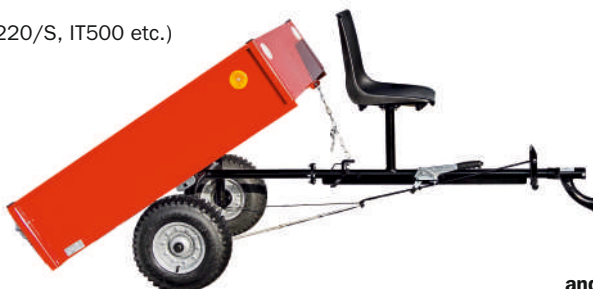
SF70 Snow blower



Steerable cart compatible with extensions for wood, bulk material or garden crates



Cart
(HV 220/S, IT500 etc.)



and more...

DRIVING UNIT	FD2	FD2H	FD3eco	FD3-500	FD5	FD52V
RZS70K ONE DRUM MOWER	Yes	Yes	Yes	Yes	No	No
DZS125 FOUR-DISC MOWER	Yes	Yes	Yes	Yes	Yes	Yes
RZS121 TWO-DRUM MOWER	No	No	Yes	Yes	Yes	Yes
BP SEAT	Yes	Yes	Yes	Yes	No	No
BPR STEERABLE SEAT	No	No	Yes	Yes	No	No
BPR 2 STEERABLE SEAT	Yes	Yes	No	No	No	No
M70 MULCHER FD2	Yes	Yes	Yes	Yes	Yes	Yes
M70 MULCHER FD3	No	No	Yes	Yes	Yes	Yes
M121 MULCHER	No	No	Yes	Yes	Yes	Yes
MC100 FLAIL MOWER	No	No	Yes	Yes	Yes	Yes
MC70 FLAIL MOWER	No	No	Yes	Yes	Yes	Yes
OP114 HAYMAKER	Yes	Yes	Yes	Yes	Yes	Yes
SF70 SNOW BLOWER	Yes	Yes	Yes	Yes	Yes	Yes
RAP85 BLADE	Yes	Yes	Yes	Yes	No	No
RAP100 BLADE	Yes	Yes	Yes	Yes	Yes	Yes
DV70 BRANCH CRUSHER	Yes	Yes	Yes	Yes	No	No
KOR220 CHASSIS	Yes	Yes	Yes	Yes	No	No
BODIES FOR KOR220 CHASSIS	Yes	Yes	Yes	Yes	No	No
VARES HV 220/S CART WITH 220 KG LOAD CAPACITY	Yes	Yes	Yes	Yes	No	No
VD400 CART WITH 400 KG LOAD CAPACITY	No	No	No	No	Yes	Yes
SB110 CYLINDRICAL BRUSH	Yes	Yes	Yes	Yes	Yes	Yes
ROT ROTARY CULTIVATOR	Yes	Yes	Yes	Yes	Yes	Yes
VERTI AERATOR	Yes	Yes	Yes	Yes	Yes	Yes
PLOUGH, HARROWS, LIFTING OR LISTER PLOUGHSHARE	No	No	No	No	Yes	Yes

DRIVING UNIT	PANTER FD2	PANTER FD2 L224	PANTER FD2H	PANTER FD2H L224
ORDER NO.	01235.011	01235.111	01235.019	01235.119
ENGINE	Briggs&Stratton 850 I/C Series	Loncin LC1P75F	Briggs&Stratton 850 I/C Series	Loncin LC1P75F
ENGINE OUTPUT [HP]	6.5 HP (4.8kW) at 3,600 rpm	7.2 HP (5.3kW) at 3,600 rpm	6.5 HP (4.8kW) at 3,600 rpm	7.2 HP (5.3kW) at 3,600 rpm
TORQUE [Nm]	11.5 Nm at 2,600 rpm	7.2 Nm at 2,500 rpm	11.5 Nm at 2,600 rpm	7.2 Nm at 2,500 rpm
ENGINE CAPACITY [cc]	190	224	190	224
ENGINE CONSTRUCTION	Air cooled spark-ignition 4-stroke engine with valve distribution OHV and cast iron cylinder			
STARTING	Manual, ReadyStart			
OTHER	Oil pump, oil filter, engine fixing on silent-blocks, high and side adjustable handlebars without using any tools	Engine fixing on silent-blocks, high and side adjustable handlebars without using any tool	Oil pump, oil filter, engine fixing on silent-blocks, high and side adjustable handlebars without using any tools	Engine fixing on silent-blocks, high and side adjustable handlebars without using any tool
FUEL TANK CAPACITY [L]	1.1	1.4	1.1	1.4
NUMBER OF SPEEDS	3 speeds (2.1 x 3.0 x 4.4 km/h)		Single slide control of speed forward (0÷6 km/h) and back (0÷3 km/h)	
REVERSE SPEED	No		Yes	
METHOD OF GEARING	By changing of the V-belt's position in the groove on the pulley		The control lever on handlebars (speed can be changed during operation)	
POWER TRANSMISSION	TOS worm gearbox with hardened, grinded worm and bronze wheel + chain gearing		TUFFTORQ K46DE Hydrostatic gearbox	
AXLE TREE	Solid		Differential with automatic locking	
WHEELS	Blown 420 mm wheels with V-shaped tread pattern			
WHEELS TRACK [mm]	650 or 680		670	
WEIGHT [kg]	52	53,5	64	65,5
FRONT CARRIER FOR WORKING ADAPTORS	Yes			
REAR HITCH	Yes, shackle for the trailer or seat attachment			
ADAPTORS LIFTING	No			



DRIVING UNIT	PANTER FD3eco	PANTER FD3-500	PANTER FD5	PANTER FD52V
ORDER NO.	01236.021	01236.001	01237.000	01237.005
ENGINE	Briggs&Stratton Powerbuilt Series 3125	Briggs&Stratton Powerbuilt Series 4145		Briggs&Stratton 7220 Exi
ENGINE OUTPUT [HP]	13.2 HP (9.7kW) at 3,600 rpm	15.5 HP (11.3kW) at 3,600 rpm		22.0 HP (16.3kW) at 3,600 rpm
TORQUE [Nm]	23.3 Nm at 2,600 rpm	30.0 Nm at 2,600 rpm		42.0 Nm at 2,600 rpm
ENGINE CAPACITY [cc]	344	500		656
ENGINE CONSTRUCTION	Air cooled spark-ignition 4-stroke engine with valve distribution OHV and cast iron cylinder			
STARTING	Manual	Independent manual and electric start		Electric
OTHER	Engine fixing on silent-blocks, high and side adjustable handlebars without using any tools	12V battery, lights, engine fixing on silent-blocks, high and side adjustable handlebars without using any tools	12V battery, lights, oil temperature indicator, seat rigidity adjustment, electronic machine`s securing, parking brake	Pressure lubrication, oil filter, approved for use on publick roads in CZ*, 12V batter, front, rear direction lights, 7-pole socket for trailer, oil temperature battery voltage temperature indicator, horn, lighter socket, seat rigidity adjustment, safety frame, slow vehicle triangle, rear state registration plate, electronic machine`s securing, parking brake
FUEL TANK CAPACITY [L]	2.6		7.5	
NUMBER OF SPEEDS	Single slide control of speed forward (0÷8 km/h) and back (0÷4 km/h)		Single slide control of speed forward (0÷9 km/h) and back (0÷9 km/h)	Single slide control of speed forward (0÷14 km/h) and back (0÷14 km/h)
REVERSE SPEED	Yes			
METHOD OF GEARING	The control lever on handlebars (it is possible to change the speed during operation)		The foot pedal (it is possible to change the speed during operation)	
POWER TRANSMISSION	TUFFTORQ K46 Hydrostatic gearbox		TUFFTORQ K62 Hydrostatic gearbox with additional oil cooler, strengthened half-shaft 25.4 mm, max. torque 294 Nm, tractive effort 1,150 N	TUFFTORQ K72 Hydrostatic gearbox with additional oil cooler, strengthened half-shaft 25.4 mm, max. torque 549 Nm, tractive effort 2,000 N
AXLETREE	Differential with automatic locking (controlled from handlebars)		Front - swinging with ridge gearing Rear – differential with locking (controlled by pedal)	
WHEELS	Blown 480 mm wheels with V-shaped tread pattern		Blown wheels with V-shaped tread pattern Front diameter 425 mm Rear diameter 512 mm	Blown wheels with V-shaped tread pattern Front diameter 465 mm Rear diameter 560 mm
WHEELS TRACK [mm]	760		890	
WEIGHT [kg]	108	120	215 – Basic model 256 – Completely equipped model without weights 25 – Wheels weight 25 – Weight of rear hitch	299 – Basic model 340 – Completely equipped model without weights 25 – Wheels weight 25 – Weight of rear hitch
FRONT CARRIER FOR WORKING ADAPTORS	Yes		For an additional fee	
REAR HITCH	Yes, shackle for the trailer or seat attachment		Trailer`s hitch included Two-point hitch for additional fee	
ADAPTORS LIFTING			For an additional fee (operator`s position)	


Panter FD3eco

Panter FD3-500

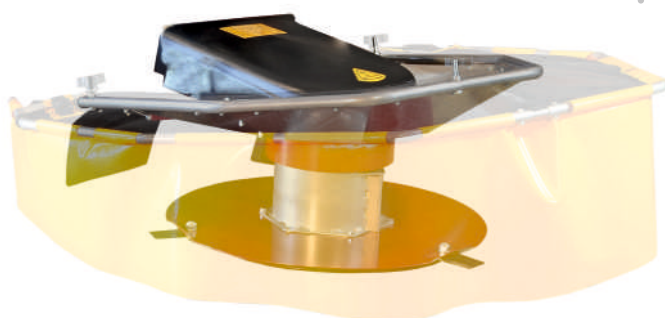
Panter FD5

Panter FD52V

With the RZS70K mower you can mow both low and overgrown grass. The RZS70K drum mower with adjustable cutting height is designed so that it is possible to work with it in 3 levels of adjustment. Because of the variety of compositions and features of grasslands it is very useful to change height setting during time. When mowing on a soft surface, the bottom slider gets lower and too low stubble can lead to damage of the vegetation. When you leave high stubble it is very difficult then to mow laid grass which causes difficulties in raking. The adjustable slider with a diameter of 480 mm ensures excellent copying of the terrain in all cases. The mowing height adjustment function brings real benefits to customers. The design of the rotor prevents grass winding, saves engine power and extends the interval for bearing replacement. The cutting disc is made of steel and it is reinforced in the place of the blades fixing. At the bottom there is a pivot slider on 2 bearings which allows access to the blades for their replacing, grinding, cleaning, etc. The exposed bolts on the blades help to mow the laid grass. The price includes a top and a side safety covers prevent the particles flying away.

RZS70K drum-mower with protection cover included

- operating width 69 cm
- unique solution of the cutting height adjustment protected by a utility model
- suitable for mowing of high as well as low grass
- the mower leaves the cut grass on the right side in the line
- 3 levels of stubble height adjustment (2.5-4.5 cm on average)
- protective cover meets the Standard EN 12733
- steel slider on ball bearings
- four-blade disc as an option
- disc with tongues as an option
- compatibility with Panter FD2, FD2H, FD3eco, FD3-500 driving units



Order No.: 01235.321



SPECIAL ACCESSORIES

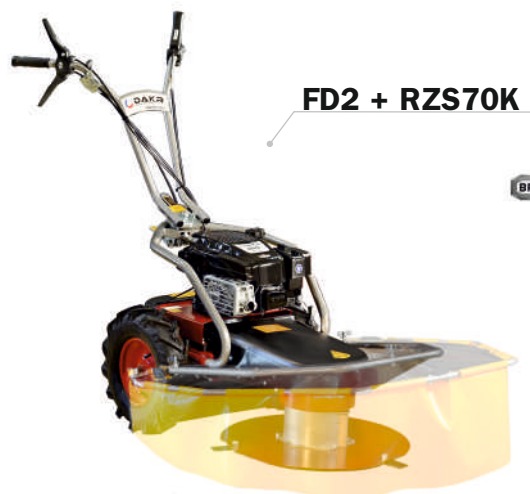
Disc with tongues

A special design of the tongue makes disc's lifetime longer. The blade will hide after hits an obstacle and the force is distributed on fixing.



Order No.: 01235.022

SETS OF PANTER DRIVING UNITS WITH RZS70K MOWER

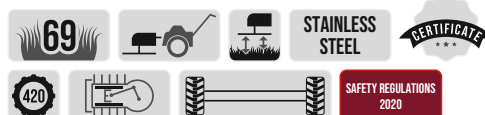


FD2 + RZS70K



FD2 + RZS70K

It is the basic Panter model. The mower is intended in demanding and hilly terrain. On the plains and gentle slopes it has satisfactory output. It is also strength enough to attach a compatible seat which makes the operating more comfortable. There are more than 15 compatible adaptors (please see the page 21).

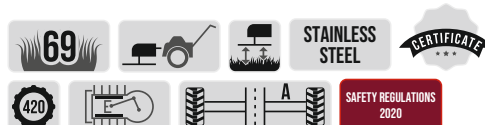


FD2H + RZS70K



FD2H + RZS70K

It is a modular drum mower with hydrostatic gearbox and single slide control of speed forward and reverse. The axle with differential and automatic locking makes the operating around obstacles, crossing the asphalt roads, etc. easier. You can also ride on the seat while working. There are more than 15 compatible adaptors (please see the page 21).

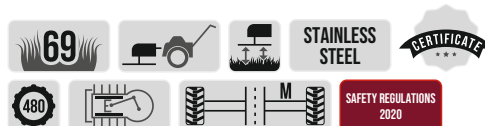


FD3eco + RZS70K



FD3eco + RZS70K

The RZS70K mower in connection with the Panter FD3eco driving unit is our strongest one-drum mower. The machine is simply controllable thanks to classic solution of the differential with manual locking which gives you control over the wheels and the machine direction. You can also ride on the seat while working. There are more than 20 compatible adaptors (please see the page 21).



DESIGNATION ORDER NO.	ENGINE	MOWING MECHANISM	TRAVEL
FD2 + RZS70K 01235.001	Briggs&Stratton 850 I/C Series 190 cc, 6.5 HP, cast iron cylinder, oil filter, oil pump	Disc with steel slider, 3 blades, adjustable stubble height 2.5 - 4.5 cm, operating width 69 cm, standard protective cover	Three travel speeds (2.1 x 3.0 x 4.4 km/h), solid axle, 420 mm wheel with V-shaped tread pattern
FD2 L224 + RZS70K 01235.101	Loncin LC1P75F OHV, 224 cc, 7.2 HP, cast iron cylinder		
FD2H + RZS70K 01235.029	Briggs&Stratton 850 I/C Series 190 cc, 6.5 HP, cast iron cylinder, oil filter, oil pump		Single slide control of speed forward and back (forward 0-6 km/h, back 0-3 km/h), differential with automatic locking, 420 mm wheels with V-shaped tread pattern
FD2H L224 + RZS70K 01235.129	Loncin LC1P75F OHV, 224 cc, 7.2 HP, cast iron cylinder		
FD3eco + RZS70K 01236.021 + 01235.321	Briggs&Stratton Powerbuilt Series 3125, 344 cc, 13.2 HP, cast iron cylinder, electric start		Single slide control of speed forward and back (forward 0-8 km/h, back 0-4 km/h), differential with locking, 480 mm wheels with V-shaped tread pattern
FD3-500 + RZS70K 01236.001 + 01235.321	Briggs&Stratton Powerbuilt Series 4145, 500 cc, 15.5 HP, cast iron cylinder, electric start		



The RZS121 double-drum mower can cope with low as well as very tall grass. The mower has 2 cutting discs which rotate opposite each other and leave the mow in one row. The blades routes on both plates overlap. Their timing is secured by the gearbox and chains which ensures the blades to not collide. The grass is pulled into a row under the machine so there is no risk of clogging the cutting mechanism. In connection with the Panter driving unit, this machine offers the most powerful combination for the mowing of large areas such as meadows and pastures. The mowing drums have steel all-over sliders. Each drum has two robust rotating blades which are especially hardened to be hard enough but not fragile at the same time. This machine with no limits is able to mow even overgrown lands which were not maintained for many years. Well-trimmed stubble is a matter of course. The adaptor RZS121 is swinging so copies the terrain unevenness. The adaptor includes the protection cover with the top mesh which prevents the particles flying away and at the same time it enables the monitoring of the mowed surface.



RZS121
two-drum mower

RZS121 two-drum mower with protection cover included

- operating width 121 cm
- suitable for mowing of high as well as low grass
- the grass is pulled in between the drums into a line
- protection cover included in price
- steel sliders with ball bearings
- transport wheel and steerable seat as optional extras which allow to lift the adaptor during crossing with Panter FD3eco and FD3-500 driving unit
- compatibility with Panter FD3eco, FD3-500, FD5 and FD52V driving units

Order No.: 01236.010



SAFETY REGULATIONS
2020

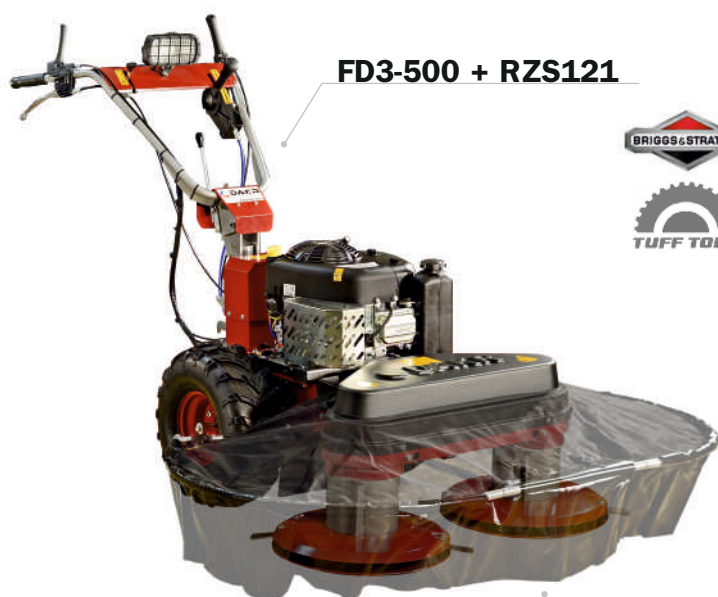
SPECIAL ACCESSORIES TK121 Transport wheel



Order No.: 01236.011



SETS OF PANTER DRIVING UNITS WITH RZS121 MOWER



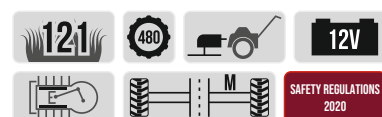
FD3-500 + RZS121



A standard protective cover is a component of the adaptor

FD3-500 + RZS121

RZS121 mower in connection with Panter FD3-500 mows high as well as the low grass on hardly accessible areas. The machine excels in powerful engine. This type of cutting mechanism prevents from clogging. While cutting on slopes you can extend the axle, on waterlogged areas you can attach the double wheels and on the plains you can use a steerable seat. There are more than 20 adaptors. Check the compatibility on page 21. Thanks to the hydrostatic gearbox the driving unit has the single slide control of speed forward and backward. The machine is equipped with 4-stroke engine Briggs&Stratton Powerbuilt.



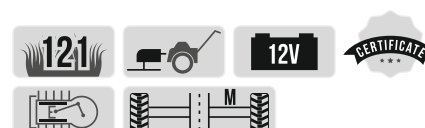
FD52V + RZS121

A standard protective cover is a component of the adaptor

FD52V + RZS121

If you need a powerful tool that ploughs and mows, then the Panter FD5 or FD52V could be the right choice for you. You can seat while working so you spare more energy in compare with behind walking machines. The machine is environmentally friendly and suitable for use in protected landscape. The connected adaptor RZS121 two-drum mower mows low as well as high grass.

The combination of the Panter FD52V driving unit with the RZS121 mower allows lifting of the adaptors from the operator's position, electronic machine safety lock, etc. See pages 21-23 for more technical information and details on compatibility with other adaptors.



DESIGNATION ORDER NO.	ENGINE	MOWING MECHANISM	TRAVEL
FD3eco + RZS121 01236.022	Briggs&Stratton Powerbuilt Series 3125, 344 cc, 13.2 HP, cast iron cylinder	Two double discs with all-over sliders underneath, the blades timing by gearbox and chains not to meet, 2 blades on each disc, stubble height 3.5 cm, operating width 121 cm, protective cover, swing mounting of the adaptor, option to buy a transport wheel for crossings	Single slide control of speed forward and back (forward 0-8 km/h, back 0-4 km/h), differential with locking, 480 mm wheels with V-shaped tread pattern
FD3-500 + RZS121 01236.006			
FD5 + RZS121 01237.000 + 01237.010 + 01237.020 + 01236.010	Briggs&Stratton Powerbuilt Series 4145, 500 cc, 15.5 HP, cast iron cylinder, electric start		Single slide control of speed forward and back (0-9 km/h), rear driven axle with differential and locking, wheels with V-shaped tread pattern with diameter 512 mm, TUFFTORQ K62 hydrostatic gearbox with auxiliary oil cooler, strengthened half-axis 25.4 mm
FD52V + RZS121 01237.005 + 01237.010 + 01237.020 + 01236.010	Briggs&Stratton 7220 Exi, 656 cc, 22.0 HP, cast iron cylinder, pressure lubrication, oil filter electric start		Single slide control of speed forward and back (0-14 km/h), rear driven axle with differential and locking, wheels with V-shaped tread pattern with diameter 560 mm, TUFFTORQ K72 hydrostatic gearbox with auxiliary oil cooler, strengthened half-axis 25.4 mm



The DZS125 four-disc mower is developed by our company and it is compatible with the Panter FD2, FD2H, FD3eco, FD3-500 and FD5 and FD52V driving units. This machine is protected by European industrial patent and utility designs. We are one and only producer of the disc single axis mowing machine. It includes the disc mower which due to the exceptionally low resistance during mowing enables the operating width of 125 cm even with 6.5 HP engine. DZS125 combines the advantages of the bar and rotary mowing. The mowing is provided by four blades sharpened on both sides fitted with shear pins and driven by chain in the oil tank. The shear pins protect the gear from damage in case of impact to any objects (for example the tube, stump etc.). In case the molehills appear, the mower passes without any defects. The overlapping of the blades is designed to correspond with the travel speed and the disc cutting speed. This machine is designed for cutting of large maintained meadows for the purposes of hay drying. The stubble height can be set within 2-5 cm, the bar is tilting. The mowed grass is not thrown everywhere but it falls and stays behind the machine, spread within the whole mow width. It is not necessary to spread grass before to drying. The grass seeds are not released.



DZS125 Four-disc mower

- operating width 125 cm
- it carefully mows high grass for hay
- the mower spreads the grass almost in its total width
- the blades timing is by chains gearing placed in an airtight oil bin
- transport wheel and steerable seat as optional extras which allow to lift the adaptor during crossing with Panter FD3eco and FD3-500 driving unit
- compatibility with Panter FD2, FD2H, FD3eco, FD3-500, FD5 and FD52V driving units

Order No.: 01236.015



SPECIAL ACCESSORIES

TK125 transport wheel



Order No.: 01236.012



SETS OF PANTER DRIVING UNITS WITH DZS125 MOWER


FD3-500 + DZS125
FD3-500 + DZS125

The FD3 driving unit in connection with DZS125 four-disc mower offers one of the most powerful disc mowers with the largest operating width in our product range. Thanks to extraordinarily low resistance while mowing, the machine has low consumption of fuel. While cutting on slopes you can extend the axle, on waterlogged areas you can attach the double wheels and on the plains you can use a steerable seat. There are more than 20 adaptors. Check the compatibility on page 21. Thanks to the hydrostatic gearbox the driving unit has the single slide control of speed forward and backward too. The machine is driven by 4-stroke profi Briggs&Stratton Powerbuilt engine.


FD52V + DZS125
FD52V + DZS125

If you need powerful machine which ploughs as well as mows so there is Panter FD5 or FD52V driving unit which could be the best choice for you. You can seat while working so you spare more energy in compare with behind walking machines. The machine is environmentally friendly and suitable for use in protected landscape. The connected adaptor DZS125 four-disc mower carefully spreads the grass to be appropriate to make hay. It is possible to lift the adaptor from the operator's position. The machine has also an electronic security feature. You will find more technical information and details regarding the compatibility on page 21-23.



DESIGNATION ORDER NO.	ENGINE	MOWING MECHANISM	TRAVEL
FD2 + DZS125 01236.016	Briggs&Stratton 850 I/C Series, 190 cc, 6.5 HP, cast iron cylinder, oil filter, oil pump	Four-disc cutting mechanism, chain timing, protection against overload by shear pins, adjustable stubble height 2-5 cm, operating width 125 cm, swing mounting of the adaptor, option to buy a transport wheel for crossings	Three travel speeds (2.1 x 3.0 x 4.4 km/h), solid axle, 420 mm wheels with V-shaped tread pattern
FD2 L224 + DZS125 01235.111 + 01236.015	Loncin LC1P75F OHV, 224 cc, 7.2 HP, cast iron cylinder		
FD2H + DZS125 01236.013	Briggs&Stratton 850 I/C Series, 190 cc, 6.5 HP, cast iron cylinder, oil filter, oil pump		Single slide control of speed forward and back (forward 0-6 km/h, back 0-3 km/h), differential with automatic locking, 420 mm wheels with V-shaped tread pattern
FD2H L224 + DZS125 01235.119 + 01236.015	Loncin LC1P75F OHV, 224 cc, 7.2 HP, cast iron cylinder		Single slide control of speed forward and back (forward 0-8 km/h, back 0-4 km/h), differential with locking, 480 mm wheels with V-shaped tread pattern
FD3eco + DZS125 01236.021 + 01236.015	Briggs&Stratton Powerbuilt Series 3125, 344 cc, 13.2 HP, cast iron cylinder		
FD3-500 + DZS125 01236.001 + 01236.015	Briggs&Stratton Powerbuilt Series 4145, 500 cc, 15.5 HP, cast iron cylinder, electric start		
FD5 + DZS125 01237.000 + 01237.010 + 01237.020 + 01236.015			Single slide control of speed forward and back (0-9 km/h), rear driven axle with differential and locking, wheels with V-shaped tread pattern with diameter 512 mm, TUFFTORQ K62 hydrostatic gearbox with auxiliary oil cooler, strengthened half-axis 25.4 mm
FD52V + DZS125 01237.005 + 01237.010 + 01237.020 + 01236.015			Single slide control of speed forward and back (0-14 km/h), rear driven axle with differential and locking, wheels with V-shaped tread pattern with diameter 560 mm, TUFFTORQ K72 hydrostatic gearbox with auxiliary oil cooler, strengthened half-axis 25.4 mm



MULCHING

M70 single blade mulching machine with stainless covering has 71 cm operating width. It is equipped with special covered rotor with large diameter which decreases resistance during mulching, spares engine output and provides high protection of the bearings. This rotor's solution is protected by utility design. The adaptor is compatible with the all Panter driving units. Thanks to low weight it is easily controllable machine with high performance which suits for yearlong mulching around the cottages, on the meadows, in the orchards, for reeds mulching around the ponds etc. The height setting is done centrally by lever and it is quick and easy.



M70 Mulcher

- operating width 71 cm
- mowing by means of special mulching blade
- central adjustment of the stubble height (4-12 cm)
- compatibility with Panter FD2, FD2H, FD3eco, FD3-500, Fd5 and FD52V driving units

Order No.: 01235.052
for FD2, FD2H

Order No.: 01235.053
for FD3eco, FD3-500, FD5, FD52V

If you are ordering only the adaptor don't forget to state the type of your driving unit.



SETS OF PANTER DRIVING UNITS WITH M70 MULCHER



FD2 + M70



FD2 + M70

It is the basic set with mulcher suitable for demanding, hilly terrain. The machine is powerful and solid enough to be the seat attach while working on flat lands or gentle slopes. There are more than 15 compatible adaptors. Check the compatibility on page 21.




FD3eco + M70

FD3eco + M70

The FD3eco driving unit in connection with M70 mulcher offers one of the most powerful rotary mulcher. The machine has extraordinarily powerful engine and can be operated very easily thanks to commonly designed differential with manually operated locking so you have the wheels engagement as well as the machine's direction under control. There are more than 20 compatible adaptors. Check the compatibility on page 21.


FD52V + M70

FD52V + M70

If you need powerful machine which plows as well as mows so there is the Panter FD5 or FD52V driving unit which is the best choice for you. You can seat while working so you spare more energy in compare with behind walking machines. The machine is environmentally friendly and suitable for use in protected landscape. The connected adaptor M70 mulcher cuts the grass several times. It is possible to lift the adaptor from the operator's position. The machine has also an electronic security feature. You will find more technical information and details regarding the compatibility on page 21-23.



DESIGNATION ORDER NO.	ENGINE	MULCHING MECHANISM	TRAVEL
FD2 + M70 01235.011 + 01235.052	Briggs&Stratton 850 I/C Series, 190 cc, 6.5 HP, cast iron cylinder, oil filter, oil pump	Stainless steel covering, 71 cm operating width, central height setting (4-12 cm)	Three travel speeds (2.1 x 3.0 x 4.4 km/h), solid axle, 420 mm wheels with V-shaped tread pattern
FD2 L224 + M70 01235.111 + 01235.052	Loncin LC1P75F OHV, 224 cc, 7.2 HP, cast iron cylinder		
FD2H + M70 01235.019 + 01235.052	Briggs&Stratton 850 I/C Series, 190 cc, 6.5 HP, cast iron cylinder, oil filter, oil pump		Single slide control of speed forward and back (forward 0-6 km/h, back 0-3 km/h), differential with automatic locking, 420 mm wheels with V-shaped tread pattern
FD2H L224 + M70 01235.119 + 01235.052	Loncin LC1P75F OHV, 224 cc, 7.2 HP, cast iron cylinder		
FD3eco + M70 01236.021 + 01235.053	Briggs&Stratton Powerbuilt Series 3125, 344 cc, 13.2 HP, cast iron cylinder		Single slide control of speed forward and back (forward 0-8 km/h, back 0-4 km/h), differential with locking, 480 mm wheels with V-shaped tread pattern
FD3-500 + M70 01236.001 + 01235.053	Briggs&Stratton Powerbuilt Series 4145, 500 cc, 15.5 HP, cast iron cylinder, electric start		
FD5 + M70 01237.000 + 01237.010 + 01237.020 + 01235.053			Single slide control of speed forward and back (0-9 km/h), rear driven axle with differential and locking, wheels with V-shaped tread pattern with diameter 512 mm, TUFFTORQ K62 hydrostatic gearbox with auxiliary oil cooler, strengthened half-axis 25.4 mm
FD52V + M70 01237.005 + 01237.010 + 01237.020 + 01235.053	Briggs&Stratton 7220 Exi, 656 cc, 22.0 HP, cast iron cylinder, pressure lubrication, oil filter, electric start		Single slide control of speed forward and back (0-14 km/h), rear driven axle with differential and locking, wheels with V-shaped tread pattern with diameter 560 mm, TUFFTORQ K72 hydrostatic gearbox with auxiliary oil cooler, strengthened half-axis 25.4 mm

M121 Two-blade mulcher

The two-blade M121 mulcher is compatible with the Panter FD3eco, FD3-500 and FD5 and FD52V driving units and together make high-performance machine with 121 cm operating width so it suits for large maintained areas. Two rotors with specially shaped blades carry out the mulching. The blade timing is provided by means of chains in order to ensure overlapping blade's routes. The stubble height is set by axle height setting. All the grass is crushed in small pieces. If you mulch 3 times per year you won't rake anything. Good combination is also to mow once and mulch the next time (mow the first grass from June to July, make hay and mulch the second grass). It is up to you how you decide to maintain your grass areas.



M121 Two-blade mulcher

- operating width 121 cm
- mowing by means of 2 special mulching blades
- mowing device driven by the V-belt mechanism and pair of chains
- swinging attachment of the adaptor copying the terrain
- central height adjustment of the stubble height (3-10 cm)
- it leaves the stubble such as garden tractors
- compatibility with Panter FD3eco, FD3-500, FD5 and FD52V driving units

Order No.: 01236.005



DESIGNATION ORDER NO.	ENGINE	MULCHING MECHANISM	TRAVEL
FD3eco + M121 01236.021 + 01236.005	Briggs&Stratton Powerbuilt Series 3125, 344 cc, 13.2 HP, cast iron cylinder	Mulching by means of 2 special mulching blades, operating width 121 cm, adjustable stubble height 3-10 cm	Single slide control of speed forward and back (forward 0-8 km/h, back 0-4 km/h), differential with locking, 480 mm wheels with V-shaped tread pattern
FD3-500 + M121 01236.001 + 01236.005	Briggs&Stratton Powerbuilt Series 4145, 500 cc, 15.5 HP, cast iron cylinder, electric start		Single slide control of speed forward and back (0-9 km/h), rear driven axle with differential and locking, wheels with V-shaped tread pattern with diameter 512 mm, TUFFTORQ K62 hydrostatic gearbox with auxiliary oil cooler, strengthened half-axis 25.4 mm
FD5 + M121 01237.000 + 01237.010 + 01237.020 + 01236.005			Single slide control of speed forward and back (0-14 km/h), rear driven axle with differential and locking, wheels with V-shaped tread pattern with diameter 560 mm, TUFFTORQ K72 hydrostatic gearbox with auxiliary oil cooler, strengthened half-axis 25.4 mm
FD52V + M121 01237.005 + 01237.010 + 01237.020 + 01236.005	Briggs&Stratton 7220 Exi, 656 cc, 22.0 HP, cast iron cylinder, pressure lubrication, oil filter, electric start		





MULCHING

MC100 flail mower is designed for most demanding conditions. The machine manages to mulch grass higher than 1 m. It better resists to impacts to various stones and other solid obstacles than other types of mowers and mulching machines. It also handles the mulching of natural seeding bushes. The mowing equipment consists of horizontal rotor with 36 oscillating special blades. The stubble height can be set within 3-12 cm by means of the travel roller adjustment. The MC100 mulching machine remains after connection with the driving unit (FD3eco, FD3-500, FD5, FD52V) horizontally tilting. It copies the terrain unevenness and it is sufficiently stable even in the hilly terrain. The mowing device is covered in steel sheet metal which minimizes the option of flying off stones, wood and other objects which can occur in the mowing area. We offer also the flail mower with a narrower operating width of 70 cm. The MC70 mulcher is adapted for use in forestry.



MC100 Flail mower

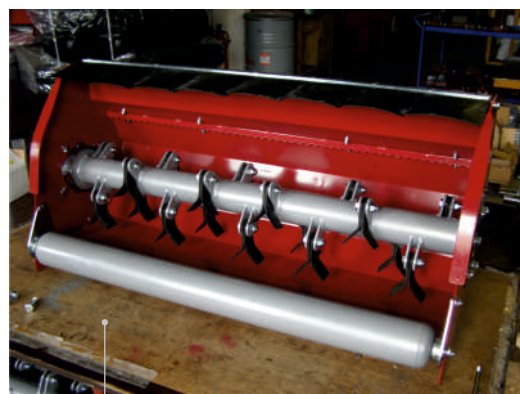
- operating width 100 cm
- the mower crushes the grass into very small pieces which remain evenly on the ground in the entire width of the mow
- mowing by means of 36 special oscillating blades (18Y)
- mowing device driven by the cone gearbox and V-belt
- swinging connection of the adaptor copying the terrain
- stubble height setting (3-12 cm) by means of travel roller adjustment
- balanced shaft
- compatibility with Panter FD3eco, FD3-500, FD5 and FD52V driving units
- it copes with a year old vegetation and natural seeding

100

Order No.: 01236.008

70

Order No.: 01236.025



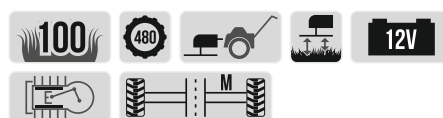
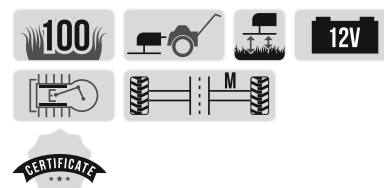
The each rotor is dynamically balanced at working revolutions.

SETS OF PANTER DRIVING UNITS WITH MC100 MULCHER


FD3-500 + MC100

FD3-500 + MC100

The machine is a modular mulcher designed for the most demanding lands. The cutting mechanism crushes the grass into small pieces which remain on the ground. Its advantage is hardness. It is able to face collisions in fixed obstacles and copes with unmaintained areas so it is very popular with municipalities. The mulcher has a hydrostatic gearbox with a single slide control of speed forward and back too. You have the wheels engagement as well as the machine's direction under control. While cutting on slopes you can extend the axle, on waterlogged areas you can attach the double wheels and on the plains you can use a steerable seat. There are more than 20 adaptors. Check the compatibility on page 21.


FD52V + MC100


FD52V + MC100

If you need powerful machine which plows as well as mows so there is the Panter FD5 or FD52V driving unit which is the best choice for you. You can seat while working so you spare more energy in compare with behind walking machines. The machine is environmentally friendly and suitable for use in protected landscape. The connected adaptor MC100 mulcher crushes the cover so it is not necessary to rake and take grass away. It is possible to lift the adaptor from the operator's position. The machine has also an electronic security feature. You will find more technical information and details regarding the compatibility on page 21-23.

DESIGNATION ORDER NO.	ENGINE	MULCHING MECHANISM	TRAVEL
FD3eco + MC100 01236.021 + 01236.008	Briggs&Stratton Powerbuilt Series 3125, 344 cc, 13.2 HP, cast iron cylinder	Mowing by means of 36 special oscillating blades (18Y), mowing device drive by the cone gear and V-belt, adjustable stubble height 3-12 cm, operating width 100 cm, swing mounting of the adaptor	Single slide control of speed forward and back (forward 0-8 km/h, back 0-4 km/h), differential with locking, 480 mm wheels with V-shaped tread pattern, wheel track 760 mm
FD3-500 + MC100 01236.001 + 01236.008	Briggs&Stratton Powerbuilt Series 4145, 500 cc, 15.5 HP, cast iron cylinder, electric start		Single slide control of speed forward and back (0-10 km/h), rear driven axle with differential and locking, wheels with V-shaped tread pattern with diameter 512 mm, TUFFTORQ K62 hydrostatic gearbox with auxiliary oil cooler, strengthened half-axis 25.4 mm
FD5 + MC100 01237.000 + 01237.010 + 01237.020 + 01236.008			Single slide control of speed forward and back (0-14 km/h), rear driven axle with differential and locking, wheels with V-shaped tread pattern with diameter 560 mm, TUFFTORQ K72 hydrostatic gearbox with auxiliary oil cooler, strengthened half-axis 25.4 mm
FD52V + MC100 01237.005 + 01237.010 + 01237.020 + 01236.008			



SEAT

The seats connected to the mowers intended for high grass are designed for work on large, flat and mildly sloping land. People do not realize that mowing 1 hectare of meadow with smaller machines with real operating width 50 cm means walking at least 20 kilometres. More powerful machine with bigger operating width with the seat attached enables cutting faster and you will also achieve higher hourly rate of the cutting performance. When the mower operator walks behind the machine and works several hours a day, the operating speed is about 3-5 km/h. If you connect the seat and sit during mowing, you can work with travel speed 5-10 km/h. There are 3 types of seats compatible with the modular Panter driving units.

BP Seat

- suitable for work on flat land and in the slope up to 5°
- max. seat capacity 100 kg
- practical basket for canister with petrol
- possibility of towing bar extension
- compatibility with Panter FD2, FD2H, FD3eco and FD3-500 driving units

Order No.: 01235.090



BPR steerable seat

- unique solution of turning which requires minimum force
- protected with utility design
- controlled rear axle, turning by means of handlebars of the driving unit
- suitable for use on plains and slight slopes up to 10°
- max. seat capacity 130 kg
- springs by means of shock absorber
- pedal for adaptor lifting during crossing (instead of the guide wheel)
- practical basket for canister with petrol
- compatibility with Panter FD3eco and FD3-500 driving units

Order No.: 01235.091



BPR 2 steerable seat

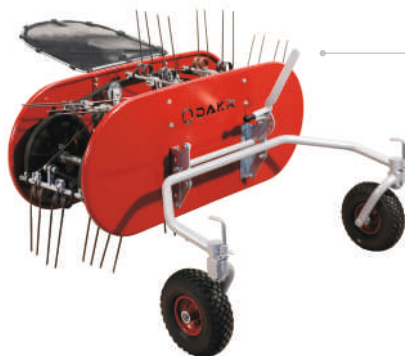
- unique solution of turning which requires minimum force
- protected with utility design
- suitable for use on plains and slight slopes up to 5°
- max. seat capacity 110 kg
- controlled rear axle, turning by means of two pedals
- practical basket for canister with petrol
- compatibility with Panter FD2, FD2H driving units

Order No.: 01235.092



TURNING AND RAKING

The adaptor is required by the owners of high grass mower. You can use it for hay turning and grass raking too. With the adaptor it is possible to rake out even the hay which is already grown through with new grass.



OP114 Hay turner

- operating width 90 cm
- tedding and raking of the grass and hay
- 5 position of height adjustment
- pivoting axle with blown wheels
- lockable wheels for straight ride
- compatibility with Panter FD2, FD2H, FD3eco, FD3-500, FD5 and FD52V driving unit



Order No.: 01235.180

GARDEN WORKS

Branch shredding

You can shred all the branches with diameter up to 4.5 cm directly in the forest, vineyards or in the garden without need of electricity. Thanks to the special shape of the chimney you can shred also ramified branches. The crushed waste is convenient use for mulching, composting or as fuel.



DV70 Branch crusher

- shredding up to 4.5 cm diameter
- suitable for fresh as well for dry branches
- compatibility with Panter FD2, FD2H, FD3eco and FD3-500 driving units
- it can manage 0.25 m³/hour



Order No.: 01235.082



Aeration

It is necessary to aerate the lawns after the winter to remove felted remains of grass, weeds, moss etc. which makes the land better and it can absorb more nutrients and moisture especially.

VERTI Aerator

- operating width 70 cm
- hardened blades made of spring steel
- gear by means of worm gearbox
- gearbox with grounded worm and bronze wheel made by TOS Znojmo company
- compatibility with Panter FD2, FD2H, FD3eco, FD3-500, FD5 and FD52V driving units



Order No.: 01235.135

SPECIAL ACCESSORIES

Aerator's blades assembly compatible with the ROT rotary cultivator

Order No.: 01235.137



Cultivation

The rotavator is a great helper during spring as well as in autumn. At the beginning of the season, it prepares beds for levelling during the finishing works in the gardens.

ROT Rotary cultivator

- operating width 80 cm
- gear by means of worm gearbox
- gearbox with grounded worm and bronze wheel made by TOS Znojmo company
- a weight and a blade are components of the cultivator
- compatibility with the aerator
- compatibility with Panter FD2, FD2H, FD3eco, FD3-500, FD5 and FD52V driving units



Order No.: 01235.130



PLOWING AND FIELD WORKS WITH PANTER FD5 AND FD52V

If you need a powerful helper that plows as well as mows then the Panter FD5 or FD52V could be the right choice for you.

PANTER FD5 kit has the following advantages:

- Panter FD5 and FD52V are designed as a modular machine which have a number of functions according to customer needs
- while working with this machine you sit to save a lot of effort compared to a hand-guided device
- driving a tractor is a fun and can be done by anyone who can drive a car
- Panter FD5 is fitted by a powerful 4-stroke Briggs&Stratton Powerbuilt Series 4145 with a maximum output of 15.5 HP
- Panter FD52V is fitted by a powerful 4-stroke Briggs&Stratton 7220 Exi with a maximum output of 22.0 HP
- optimal use of power is ensured by a hydrostatic gearbox with additional cooling developed by our company
- Panter FD5 has a single slide control of speed up to 9 km/h forwards and backwards
- Panter FD52V has a single slide control of speed up to 14 km/h forwards and backwards
- an excellent traction of the machine is ensured by a manually operated differential with locking and quality tires with a V-shaped pattern
- a special additional cooling system with a pump keeps the oil in the hydraulic gearbox at operating temperature even under larger and longer-lasting loads
- a front-mounted work tool puts very low resistance when overcoming terrain unevenness thanks to multiple joints suspension with adjustable relief
- a rear tool is connected directly or via the adjusting body designed for the single-axle small tractors
- a possibility of using an older adjusting bodies and ploughs from previous machine model
- the front and rear hinges are height-adjustable from the operator's position
- comfort during operation is ensured by a sprung industrial seat with adjustable rigidity, longitudinal setting and the possibility of tilting the backrest



Adjustment body

Order No.: 141042

Single sided ploughshare PJ 180

Order No.: 141045



Potatoes lifting ploughshare

Order No.: 141019



Panter FD5 tractor



Supporting wheel

Order No.: 01237.025



Harrows BR 122

Order No.: 01237.050



Lister ploughshare

Order No.: 01237.045

LOAD TRANSPORT

You can use our driving unit for mowing, grass raking, mulching, snow removal and many other activities. With Vares trailers you can transport grass, hay or various building materials. A technical certificate can be issued for the trailer which entitles the owner of the kit to drive on the defined road legally.



Vares HV 220/S Trailer

- removable front side, dumping with the locking
- parking and driving brake
- blown wheels with the terrain design
- technical certificate for using on public roads as option
- compatibility with Panther FD2, FD2H, FD3eco and FD3-500 driving units



Order No.: 140130

Vares IT 500 Profi Trailer

- removable front side, dumping with the locking
- parking and driving brake
- blown wheels with the terrain design
- technical certificate for using on public roads as option
- compatibility with Panther FD2, FD2H, FD3eco and FD3-500 driving units



Order No.: 140155



For the maintenance around the cottage especially on steeper slopes it is a cart in front of the driving unit a great help. It is basically an engine wheelbarrow that has significantly higher slope accessibility than the set with trailer. The cart is also suitable when carrying wood from the forest.

KOR220 Steerable cart chassis

- multipurpose chassis for extensions (rigid body, yard-woods body, plastic crate body)
- suitable even for the most demanding terrain thanks to great manoeuvrability
- steerable wheels
- max. allowed capacity 220 kg
- simple turning by means of the control lever or the handlebars (depending on the used driving unit)
- compatibility with Panther FD2, FD2H, FD3eco, FD3-500 driving unit



Order No.: 01235.122



ACCESSORIES

Rigid body

Order No.: 01235.183



Yard-woods body

Order No.: 01235.185



Plastic crate body

Order No.: 01235.189



SB110 Cylindrical brush

- operating width 110 cm
- cleaning from dirt and snow
- two-speed brush (summer and winter operation)
- brush diameter 40 cm
- side brush turning from the operator position
- 2 height adjustable guide wheels
- gear by means of worm gearbox and V-belt
- collecting container as optional accessory
- compatibility with Panter FD2, FD2H, FD3eco, FD3-500, FD5 and FD52V driving units



Order No.: 01235.145



SPECIAL ACCESSORIES

SB110-C Collecting container

- stainless casing
- large wheels
- container volume 54 litres

STAINLESS
STEEL

Order No.: 01235.146



SB110-S Front protection shield

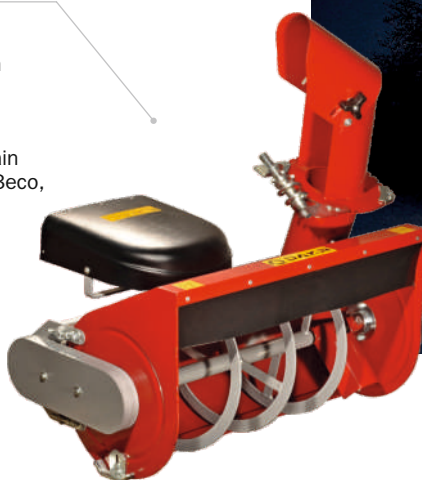
Order No.: 01235.147

SF70 Snow blower

- operating width 69 cm
- removing fresh fallen snow
- 2 speeds of the discharge blade rotation
- it copes even with wet snow
- side turning of the chimney
- adjustable tongues
- gear by means of screw gearbox and chain
- compatibility with Panter FD2, FD2H, FD3eco, FD3-500, FD5 and FD52V driving units



Order No.: 01235.071



SPECIAL ACCESSORIES

RAP85 Blade

Order No.: 01235.040



RAP100 Blade

Order No.: 01235.041



Chains for Panter FD2, FD2H

Order No.: 10100.081



Chains for Panter FD3eco, FD3-500

Order No.: 10100.082



SINGLE PURPOSE SWEEPING BRUSH

The SB85 sweeping brush is designed for sweeping of dirt, snow, etc. This machine is used during the whole year. Due to the operating width 85 cm it efficiently cleans larger areas of the car parks but you can clean narrower pavements, around the houses etc. The brush roller rotates against the travel direction. The material is swept in forward direction, potentially into the stainless collecting container, which brings significant dust level reduction. The SB85 sweeping brush is controlled by means of two levers on the handlebars. The travel and the brush engagement are performed independently. The travel speed is geared with the lever on the handlebars. An extended lever sets the side brush direction from the operator position (the direction the brushed material should be swept). There are in total 5 positions of the side turning. The brush has diameter 40 cm which provides better removal of higher snow layers. There are two speeds of the brush revolutions which helps reaching more efficient use of the machine. The low revolutions are suitable for summer operation (they reduce the dust level and increase the service life of the bristles). The high revolutions can be used for winter maintenance during snow removal where the snow is removed farther due to higher speed.

SB85 Sweeping brush

- Briggs&Stratton I/C 850 Series engine
- cast-iron cylinder, oil pump and oil filter
- automatic choke with easy start even in winter
- low vibration thanks to engine placing on silent blocks
- compact construction suitable for the use in space limited areas
- the overlap of the brush as well as the option of side turning provides perfect cleaning on the hard to reach places
- operating width 85 cm
- brush diameter 40 cm
- two-speed brush (summer and winter operation)
- 3 travel speeds, simple gearing on the handlebars, gearbox with cogwheels
- collecting container as optional accessory
- professional blown guide wheel adjustable with lever



Order No.: 01234.000



SPECIAL ACCESSORIES

SB85-C Collecting container

- stainless casing
- large wheels
- container volume 43 litres

Order No.: 01234.001



STAINLESS
STEEL

SPREADERS FOR SOIL SPREADING

The manually pushed spreaders are in particular intended for lawn establishment at large gardens, football stadiums, golf courses, in parks and at other places where the main factor is the beauty of the lawn. When we constructed the spreaders we placed special attention to developing of a fully professional machine, which distributes the soil with the constant density. We did the majority of testing in the Great Britain where specialist devote to very high-quality lawn establishment. We offer two types of the spreader to our customers. All their components are identical. They only differ in the operating width and the wheel size.



KRR

Order No.: 01021.030



KRRJ

Order No.: 01021.035

	KRR - Green Wizard 70	KRRJ - Green Wizard 40
HOPPER VOLUME	180 litres	100 litres
MAX. LOAD	200 kg	120 kg
OPERATING WIDTH	70 cm	40 cm
TOTAL SPREADER WIDTH	1010 mm	700 mm
EMPTY SPREADER WEIGHT	40 kg	30 kg
OUTER WHEEL DIAMETER	410 mm	300 mm

GRANULATED FERTILISERS AND WINTER SALT SPREADERS

These spreaders can be used throughout the year. In summer they can be used for fertilisation and in winter for path and road maintenance. Moreover, the salt makes no damage to the spreader because the spreading mechanism is made of stainless steel. The figures below are stated for British Road Treatment Granulated Salt BS 3247.



KRH 01 – Matterhorn

The KRH 01 Matterhorn manages to treat up to 625 m² with the full hopper. The operating width is about 3 meters. It can be used for fertilisation as well as for salt spreading in winter. We recommend using this spreader around family houses, stores and other small business premises. The spreading mechanism is driven from the wheels with a simple mechanical transmission made of stainless steel.

Order No.: 01021.028	Hopper capacity:	25 kg of salt
	Spreading apparatus drive:	stainless steel geared transmission
	Spreading system:	rotary spinner plate, special activator
	Working speed:	1–4 km/h
	Max. operating width:	1–3 m
	Salt volume per m ² :	adjustable to 63 g/m ²
	Treated area with full hopper:	400–625 m ²
	Facilities:	hopper's lid
	Empty spreader weight:	8 kg
	Recommendation:	households, petrol stations and business premises to 2,000 m ²



KRH 06 – Olympus Turbo

It is the spreader with the robust profi construction for spreading at exact 70 cm operating width.

Order No.: 01021.031	Hopper capacity:	80 kg of salt
	Spreading apparatus drive:	mechanical, from wheels with chains
	Spreading system:	line spreading in precise width
	Working speed:	1–4 km/h
	Operating width:	70 cm
	Salt volume per m ² :	adjustable 30–100 g/m ²
	Treated area with full hopper:	800–2,650 m ²
	Empty spreader weight:	37 kg
	Recommendation:	municipalities, professional use



KRH 02 – Mont Blanc

This profi construction manages to treat up to 1,000 m² with full hopper. The operating width is up to 4.5 metres and it has the hopper capacity of exact 40 kg. These parameters make the spreader a powerful helper for the roads, larger business premises and supermarket parking lots. The spreading mechanism is driven from the wheels with a worm gearbox. It is possible to disengage the spreading mechanism with locking in wheel's hub during crossing.

Order No.: 01021.027

	Hopper capacity:	40 kg of salt
	Spreading apparatus drive:	worm-gear unit
	Spreading system:	rotary spinner plate, special activator
	Working speed:	1–4 km/h
	Max. operating width:	1–4.5 m
	Salt volume per m ² :	adjustable to 90 g/m ²
	Treated area with full hopper:	550–1,000 m ²
	Facilities:	hopper's lid
	Empty spreader weight:	22 kg
	Recommendation:	towns and business premises over 2,000 m ²



Towed spreaders

The spreaders are pulled similar to trailers behind the cars or garden tractors. The spreading mechanism is driven from the wheels with a steel oil-filled clutch and can be switched off any time. The salt hopper is made of laminated plastic. It is very resistant to mechanical damage as well as extreme climatic conditions. Parts of the spreader exposed to the salt are made of stainless steel.

KRH 03 – Everest



Less powerful spreading machine is equipped with a 150 kg capacity hopper. The weight of an empty spreader is 65 kg. It is intended for medium-size business premises and parking lots treatment. With full hopper it is able to treat 6,000 m².

Order No.: 01021.019

Hopper capacity: 150 kg of salt
Spreading apparatus drive: bevel gearbox
Spreading system: rotary spinning plate, special activator
Working speed: pulled by car up to 10 km/h
Operating width: 3–6 m
Salt volume per m²: adjustable 25–75 g/m²
Treated area with full hopper: 2,000–6,000 m²
Facilities: steel sieve, cap, eye for tractor pin, attachment for trailer hitch
Empty spreader weight: 65 kg
Recommendation: municipalities and business premises

KRH 03 – Everest with seat



Order No.: 01022.001



Hopper capacity: 150 kg of salt
Spreading apparatus drive: bevel gearbox
Spreading system: rotary spinning plate, special activator
Working speed: pulled by car up to 10 km/hour
Operating width: 3–6 m
Salt volume per m²: adjustable 25–75 g/m²
Treated area with full hopper: 2,000–6,000 m²
Facilities: steel sieve, cap, seat
Empty spreader weight: 78 kg
Recommendation: municipalities and business premises

KRH 04 – Fuji



The spreader has a very high performance. With full hopper it is able to treat up to 10,000 m². It is equipped with lights and flashing light.

Order No.: 01021.021

Hopper capacity: 250 kg of salt
Spreading apparatus drive: bevel gearbox
Spreading system: rotary spinning plate, special activator
Working speed: pulled by car up to 15 km/h
Operating width: 3–6 m
Salt volume per m²: adjustable 25–75 g/m²
Treated area with full hopper: 3,300–10,000 m²
Facilities: steel sieve, cap, eye for tractor pin, attachment for trailer hitch
Empty spreader weight: 95 kg
Recommendation: traffic, CZ public highways



*The DAKR brand represents a tradition
in the manufacture
of the high grass mowers since 1990.*



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