

SEEDBED  
CULTIVATOR

**BEDNAR**

## SWIFTER SN, SO\_F, SO\_PROFI, SE and SM

Quality seedbed cultivation  
in one pass.



**JOY** OF FARMING





## Why SWIFTER?



“The SWIFTER seedbed cultivators are one of the best-selling BEDNAR products. Every year, hundreds of new farmers purchase these machines and the current owners gradually invest into buying new models. SWIFTER creates a perfectly levelled seedbed with quality structure in one pass. An evenly cultivated seedbed is important for placing the seeds at the same depth level along the entire span of the seed drill. Quality soil cultivation is a basic condition for achieving high yields.”

Jan Bednář

SWIFTER is a seedbed cultivator with a progressive design. It enables a uniform seedbed with ideal structure in one pass. It achieves a high working speed thanks to a proven structural design. It contributes to achieving high daily outputs. Combining up to eight operations into one means fewer passes across the field and lower costs of soil preparation.

The SWIFTER seedbed cultivator is a very popular machine thanks to the series of proven technical solutions, capable of providing quality work even in very demanding soils and climate conditions.





SWIFTER SM 16000

## Why SWIFTER?

### TECHNICAL ADVANTAGES

- The structural design and the wide range of optional equipment make it possible to perform up to eight operations in one pass.
- The exchangeable working sections (wide shares, narrow shares, gamma points) make the seedbed cultivator adjustable to local soil conditions and requirements of the crop.
- The hydraulically adjustable CRUSHBAR levelling bar offers easy setting of the working angle from the tractor cabin. The levelling bar saves up to a litre of fuel per hectare.
- The comfortable hydraulic setting of the working depth facilitates the precise seedbed formation along the entire working span.
- The maintenance-free bearing of the rollers can deal with a high working speed.
- The transport width under 3 metres guarantees safe travel on roads, even with the working span of 18 m.
- The axial distance of the rear rollers can be adjusted for work in rocky conditions.

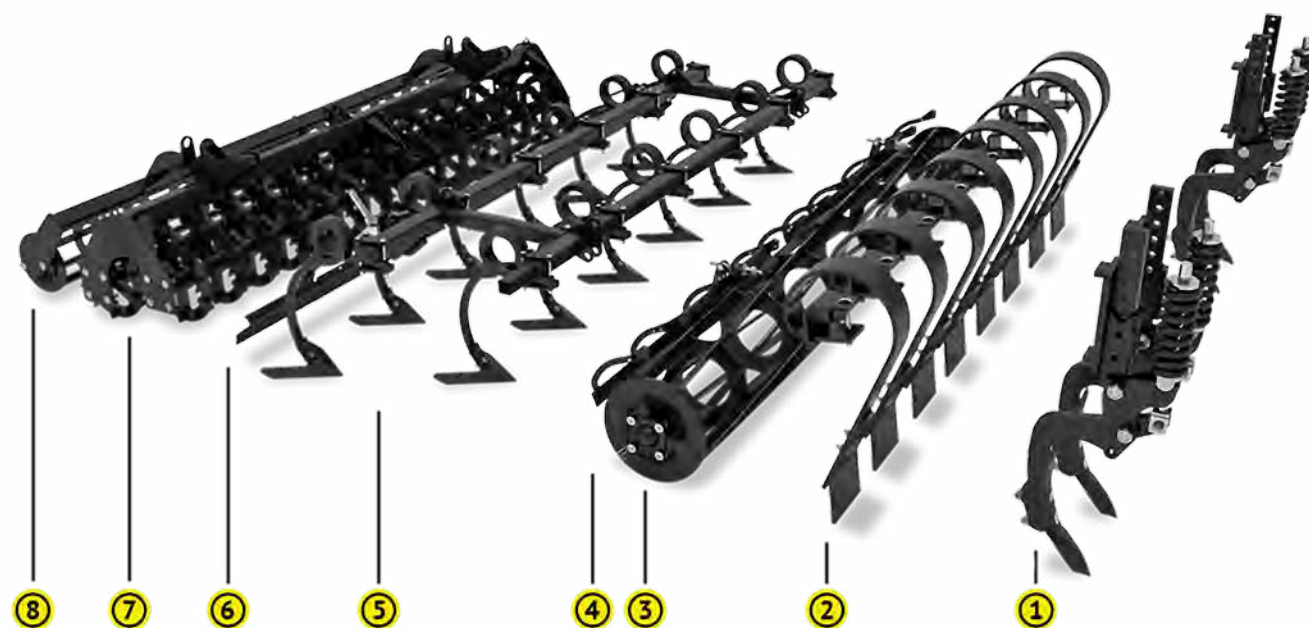
### AGRONOMIC ADVANTAGES

- Combining several operations into one means lower costs of soil preparation and prevention of soil moisture evaporation.
- Creating a precise and identical seedbed for all plants (adherence to precise working depth along the entire machine span).
- The structural design of two crosskill rollers combined with the finish roller or up to three rollers installed on the machine provide fine soil structure and quality clod crumbling.
- The machine can be used in various types of soil and soil cultivation in various technologies (tillage, minimization technology).
- The high working speed and time saved at headlands by lifting the machine contribute to keeping the agronomic deadlines.



# Why is quality seedbed cultivation so important?

The SWIFTER seedbed cultivators come with a proven design where the working parts are able to prepare a seedbed for crop establishment in one pass. One pass is not only important in terms of lower operating costs, but also in terms of decreasing the rate of soil drying. Such an established crop emerges evenly and the plants grow quickly.



## RISK RELATED TO SEEDBED CULTIVATION:

- Seedbed preparation of unripe soil → risk of clod formation.
- Loss of loose soil → a high number of operations performed in the field and constant moving of loose soil.
- Low seeding depth + soil lumpiness → risk of uneven crop emergence.
- Planting in unripe soil → seeds not covered, uneven crop emergence.



## PREPARING THE IDEAL SEEDBED STRUCTURE

- The perfect soil profile levelling of the cultivated field after previous operations is an essential and basic part of seedbed preparation.
- Warming up and aerating the soil profile: those are the conditions for quick and uniform emergence of all seeded crops.
- Establishing a precise seedbed in the entire field is ensured by the precise working depth setting of the seedbed cultivator based on the agronomic requirements of the future crop.
- The ideal structure of the soil particles ratio helps crop emerge. Soil particles of a suitable size in the entire field are an integral part of the ideal seedbed.
- The consolidated subsoil under the prepared topsoil restores soil water regime, essential for the growth of seeds.



# A professional design lies in the detail



## MAINTENANCE-FREE BEARINGS

Roller bearings are prepared for high circumferential speed and are maintenance-free. The operator thus does not have to regularly lubricate each bearing, which there are many on a seedbed cultivator. Multiple gaskets prevent contamination of the bearing and the reinforced gasket design reduces its damage.



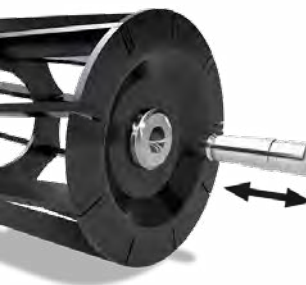
## COMPRESSING SPRING

Most seedbed cultivators equipped with crosskill rollers incur slackness between the individual crosskill segments after working for some number of hectares. In our design, the compressing spring is on the shaft where the individual crosskill segments are mounted. The spring creates a continuous pressure on the individual segments and eliminates their slack.



## CRUSHBAR LEVELLING BAR

The front hydraulic CRUSHBAR levelling bar allows the operator to ideally adjust the working angle of the levelling bar according to the field conditions in the comfort of the cabin. When compared with a mechanically controlled levelling bar, it is possible to achieve savings of up to 1 litre of fuel per hectare.



## FLAT BAR ROLLER WITH A REPLACEABLE PIN\*

The flat bar roller with a diameter of 370 mm and with a replaceable pin consists of a casing with an internal cone and a pin with an external cone. When the pin is damaged, it is not required to replace the whole flat bar roller, but only the pin.

\* The flat bar roller with a replaceable pin is available for the SWIFTER SO\_F, SO\_PROFI, SE a SM models.



## FLAT SURFACE, HIGHER SPEED, HIGHER COMFORT

An even seedbed and a flat surface prepared for the seed drill in one pass is a good foundation for a fast and uniform emergence in the entire field. Moreover, creating a flat surface helps achieve a higher speed during the following operations (application of industrial fertilizers, chemical treatment of the crop).



## LEVELLING BAR

The mechanically adjustable levelling bar levels coarse unevenness. It increases work efficiency of the follow-up working parts.



## CRUSHBAR LEVELLING BAR

The hydraulically adjustable CRUSHBAR levelling bar consists of individual flexible segments. The hydraulic levelling bar control makes it possible to immediately respond to any terrain unevenness from the tractor cabin.

The levelling bar can be completely put out of operation when working in a flat field, thus achieving savings in fuel.



# Exchangeable working sections for soil cultivation adjustment to the needs of the crop

One frame, three main working section alternatives. The SWIFTER seedbed cultivator offers its owner an easy modification of machine for soil cultivation according to the crop. The inner frame of the working sections can be equipped with wide shares in two rows, specially designed narrow shares in four rows for sugar beet seedbed cultivation, or gamma points in four rows.



### SHARE SECTION

This working section can be used for summer and autumn preparation when soil needs to be loosened, undercut and mixed after the previous harvest. The 270 mm shares in two overlapping rows undercut the soil profile along the entire machine width, creating a firm base. At the same time, soil is cultivated aggressively thanks to the share working angle. This creates a loose topsoil.



### SB SHARE SECTION

You will appreciate this section especially during spring cultivation before seeding sugar beet where it is required to adequately manage spring moisture, but still prepare a precise seedbed. The share angle does not mix soil vertically, but the soil is still undercut in the whole area thanks to the overlapping shares that are 170 mm wide. Another benefit is the reduced demand on the towing vehicle power.



### GAMMA-POINT SECTION

The gamma-point section is suitable for early spring operations, such as required before seeding spring barley. The four rows of gamma points at a negative angle aerate and warm up soil without bringing wet particles to the surface, which preserves winter moisture. It is important for a fast start of the growth of spring crop. The spring-loading of each tine enables working at high speed. The gamma points are also available in the LONG LIFE version. The gamma points are also available in the LONG LIFE version (higher durability) or gamma D (longer tines).

\*The gamma D-point section is not available for the mounted SWIFTER SN models.



SWIFTER SM 16000

### MECHANICAL WORKING DEPTH SETTING



The working depth is set using a trapeze thread with a removable handle. Precise setting along the entire working span is ensured with a numerical order and an indicator individually for each section.

### HYDRAULIC WORKING DEPTH SETTING



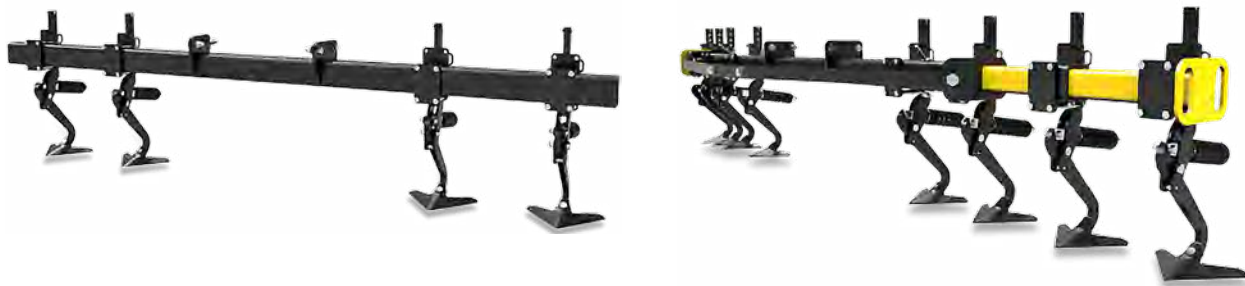
The hydraulic setting provides easy and comfortable working depth setting from the tractor cabin.



# Optional equipment for maximum work quality

All SWIFTER seedbed cultivators excel in the modular system. The seedbed cultivator can be modified for work in specific conditions using the individual equipment components and thus guarantee the best work result.

## TRACTOR TRACK ERADICATORS



**Fixed track eradicators**

It is used for loosening hardened tracks created by the tractor.

**Telescopic track eradicators**

It allows an easy adjustment of the track eradicator width in respect to the tyre width or number of tractor wheels.

## TRANSPORT AXLE TRACK ERADICATORS



**Integrated track eradicators**

It ensures back loosening of the machine transport axle tracks. The eradicators are made of two double-sided chisels.

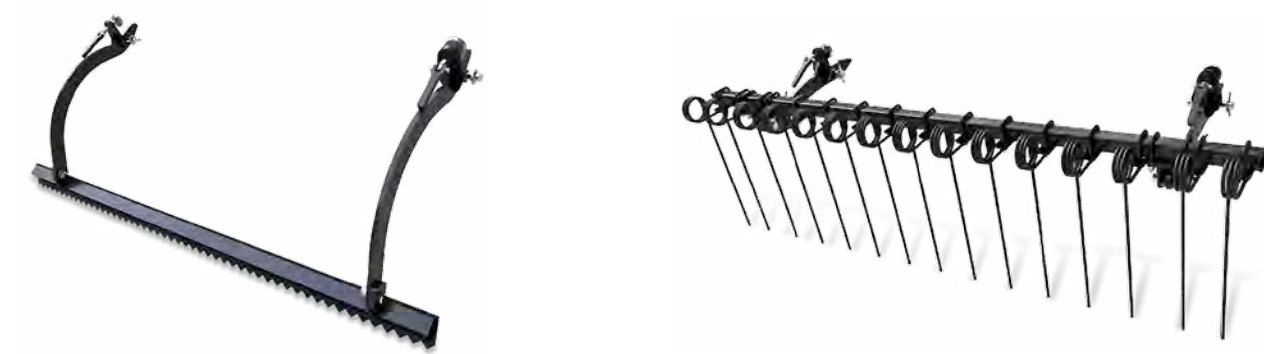
The integrated transport axle track eradicators are included in the optional equipment for the SWIFTER SE seedbed cultivators.

## CRUSHING BAR BEHIND FRONT ROLLERS



It keeps the clods in the area of front rollers to be crumbled.

## REAR EQUIPMENT BEHIND ROLLERS



**Levelling bar**

It finalizes work and creates a flat surface for seeding.

**Tine harrow**

It provides even distribution of larger soil particles.

## FINISH ROLLER

The small roller diameter (270 mm) in combination with a high circumferential speed provides intense crushing, known as the effect of rotary tiller. Achieve maximum clod crumbling in combination with the crosskill rollers.



# A field as a garden

Clod crumbling is the basic function of rollers. The number of rollers installed on the machine multiplies the effect of clod crumbling. All SWIFTER seedbed cultivators are thus equipped with a tube or flat bar roller in the front. Various rear equipment configurations are available according to the selected machine – from single to double rollers, from standard flat bar to the popular crosskill rollers.

## FRONT ROLLERS



**Flat bar roller**

The screw-shaped flat bar roller formed by rods crumbles the clods on the field surface. It achieves an excellent crumbling effect, even in the rough furrow. Diameter 370 mm.



**Cage roller**

The cage roller is used for initial crumbling of clods on the field surface. Diameter 370 mm.

\* For the SWIFTER SM, SE, SO\_PROFI, and SO\_F models, a flat bar roller with a replaceable pin is available.

## REAR ROLLERS

### FLAT BAR ROLLERS

A simple and cheap solution for spring cultivation of light soils.



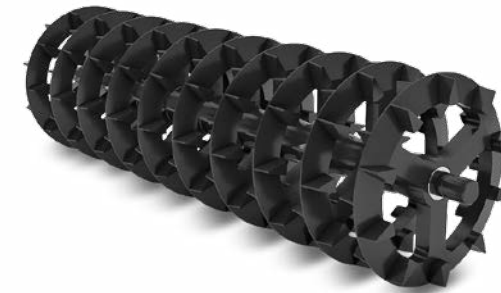
**Single flat bar roller**  
Diameter 370 mm.



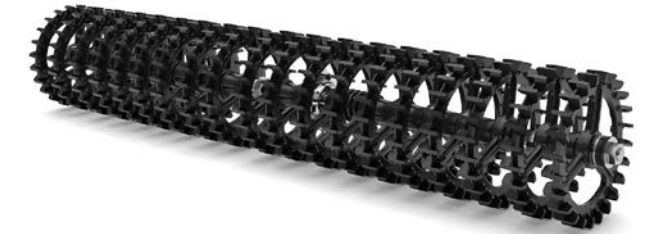
**Double flat bar roller**  
Diameter 370 mm.

## CROSSKILL ROLLERS

The specially shaped crosskill rollers create the perfect clod crumbling effect. A compressing spring is installed on the shaft, keeping the right spacing between the individual segments.



**Single crosskill roller**  
Diameter 350 mm.



**Third crosskill roller**  
An excellent solution for maximum work quality when cultivating heavy or dry soils. Diameter 350 mm.

### Double crosskill roller stone

Suitable for stony soils. The smooth outer segment prevents stones from getting stuck between the outer segment and the roller frame. Available for SWIFTER SE and SM models.

Diameter 350 mm.



### Double crosskill roller adjustable

The versatile frame makes it possible to increase the axial distance between the first and second rows of the roller (smaller distance for excellent self-cleaning effect, larger distance for quality work in rocky soils). The smooth edge segment prevents stones from getting stuck between the edge segment and the roller frame. A compressing spring is installed on the shaft of the individual rollers, keeping the right distance between the individual segments. Available for SWIFTER SO\_F and SO\_PROFI models.



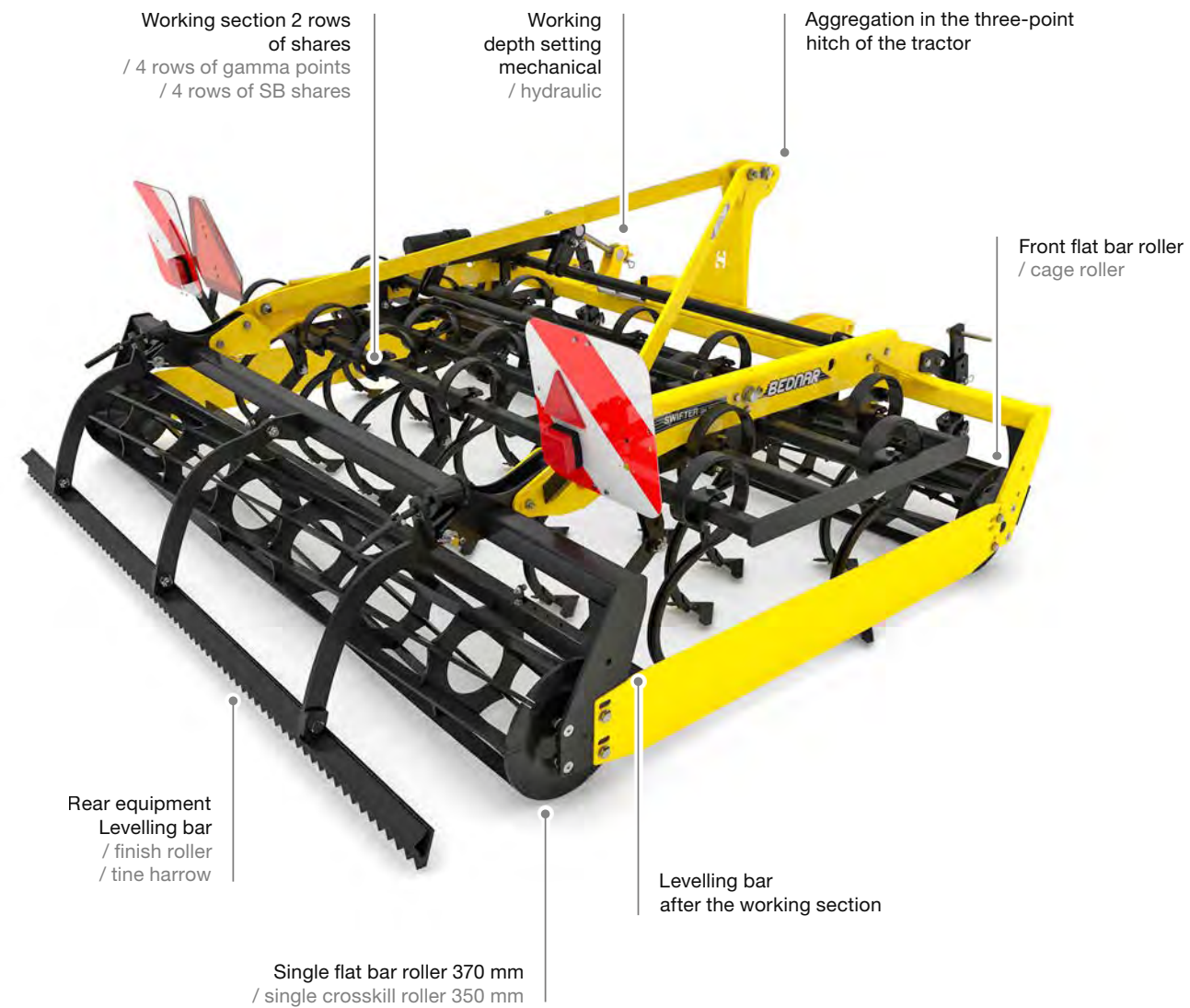
Diameter 350 mm



Diameter 440 mm



# SWIFTER SN



**SWIFTER SN** represents a model series of mounted seedbed cultivators, available with the working width of 3, 4 and 5 metres. The low pulling demands make the SWIFTER SN suitable for aggregation with lower output tractors, often used by private farmers.

SWIFTER SN is manufactured as folding (the working width of 4 and 5 metres) or rigid (3 and 4 metres).

## WORKING DEPTH REGULATION

Even the smallest models of the SWIFTER SN mounted seedbed cultivators can be easily adjusted to the required working depth.

You can choose from mechanical regulation of the working depth, or comfortable hydraulic regulation.





# SWIFTER SN



### FOLDING ARRANGEMENT

The width of the machine is a limiting factor for transportation on roads in the EU. The SWIFTER SN 4000 and 5000 are manufactured as folding versions to ensure safe transport. The centre of gravity of the cultivator is moved as close to the tractor hitch as possible, so the set is stable even at high transport speed.



“We manage 15 hectares of arable soil. Quality soil cultivation is important even on such a small area because we are aware that it is essential for achieving an excellent yield. First, we tried SWIFTER SN because we were curious about how it would work in heavy soils. We could see that SWIFTER did not have any problems with our conditions and so we decided to purchase it. We used to cultivate the field with a standard harrow. I especially like that the individual working parts of SWIFTER SN are arranged to ensure perfectly loose soil after work.”

Markéta Mejzlíková, Private Farmer

Náměšť nad Oslavou | Czech Republic | 21 ha

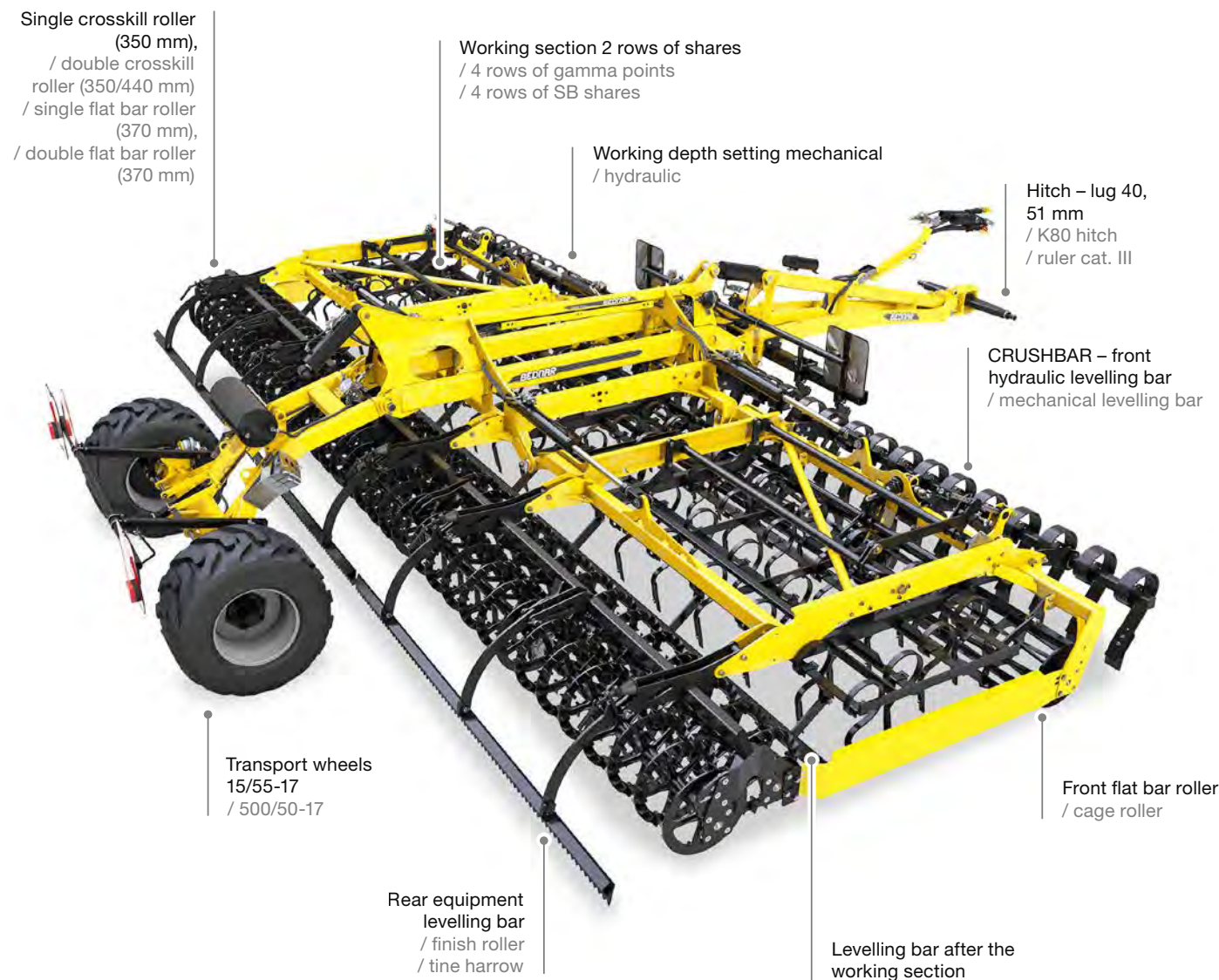
### SWIFTER SN

		SN 3000	SN 4000	SN 4000 R	SN 5000
Working width	m	3	4	4	5
Transport width	m	3	2,3	4	2,5
Transport length	m	2.7	3.1	2.9	3.1
Working depth*	cm	2–12	2–12	2–12	2–12
Number of shares	pcs	12	16	16	20
Number of shares SB-section	pcs	22	28	28	36
Number of gamma-tines	pcs	28	40	40	48
Total weight**	kg	1,080–1,410	1,650–2,080	1,510–2,120	2,300–2,850
Recommended output*	HP	90–120	120–160	120–160	140–200

\*depends on soil conditions \*\* depends on the equipment



# SWIFTER SO\_F



**SWIFTER SO\_F** represents a traditional line of highly popular seedbed cultivators by BEDNAR that can be used in all soil cultivation technologies. The wide range of optional equipment makes the SO\_F seedbed cultivator series the best-selling cultivators on the market.

The SWIFTER SO\_F model series with the semi-mounted configuration is available in the working width of 5, 6, 7 or 8 metres. SWIFTER SO\_F has very low demands on the tractor towing power thanks to its light, but highly durable frame. To aggregate the seedbed cultivators, we recommend using a tractor with an output from 120 to 280 HP.

## ROBUST CENTRAL FRAME

The side frames with individual working sections are mounted on a robust spacious frame. The supporting frame has a higher durability because the weight of side frame is evenly distributed. The sufficiently dimensioned axle, providing safe transport of the machine, also helps.

## QUICK TURNING AT HEADLAND

The design of the SWIFTER SO\_F seedbed cultivator enables turning the machine at headlands without having to lift the sections from their working position. Otherwise, there would be a loss of time. We recommend turning at headlands at lower working speeds and a higher turning radius.

## HYDRAULICALLY ADJUSTABLE DRAWBAR

The basic model of SWIFTER SO\_F is equipped with a hydraulically adjustable drawbar that enables the machine to perfectly trace the terrain when working in the floating position. The field is then evenly cultivated, resulting in high-precision work.

The hydraulically adjustable drawbar makes aggregation with the tractor easy and works with various types of hitches.

## WIDE-BASE TRANSPORT WHEELS

To increase the machine stability during transport, SWIFTER SO\_F seedbed cultivators can be equipped with wide-base, 500/50-17 tyres.

The axle is available either without brakes or with the option to be fitted with pneumatic or hydraulic brakes.





SWIFTER SO\_F



“I started looking for a new seedbed cultivator because I wanted to renew our fleet. I used to own a cultivator by a different Czech manufacturer. My nephew recommended SWIFTER SO\_F. He saw some references and a video from another farmer on YouTube. The experience of other farmers, such as ZD Mašovice, who have owned a SWIFTER seedbed cultivator for several years, also played an important role. I contacted the regional BEDNAR representative, configured the machine according to my requirements and ordered its production. I like the high throughput, workmanship and the hydraulic drawbar. I chose the machine I wanted and I believe it will serve me for many years.”

Miroslav Kašík, Private Farmer

Jiřice | Czech Republic | 143 ha



“We were maximally satisfied with the SWIFTER cultivator all the time. We noticed how well it prepares soil before seeding when we purchased the first machine. When I compare the current machine with the previous ones, I have to say that you’ve tuned the machine to the very least detail and eliminated even the minor deficiencies. A completely redone and improved frame, better configuration of the levelling bars before the rear rollers or minor things such as the compression spring on the rear crosskill rollers; all of that is noticeable.” Lukáš Dosoudil, Chief Agronomist

AGRA Chválkovice spol., s. r. o. | Czech Republic  
650 ha

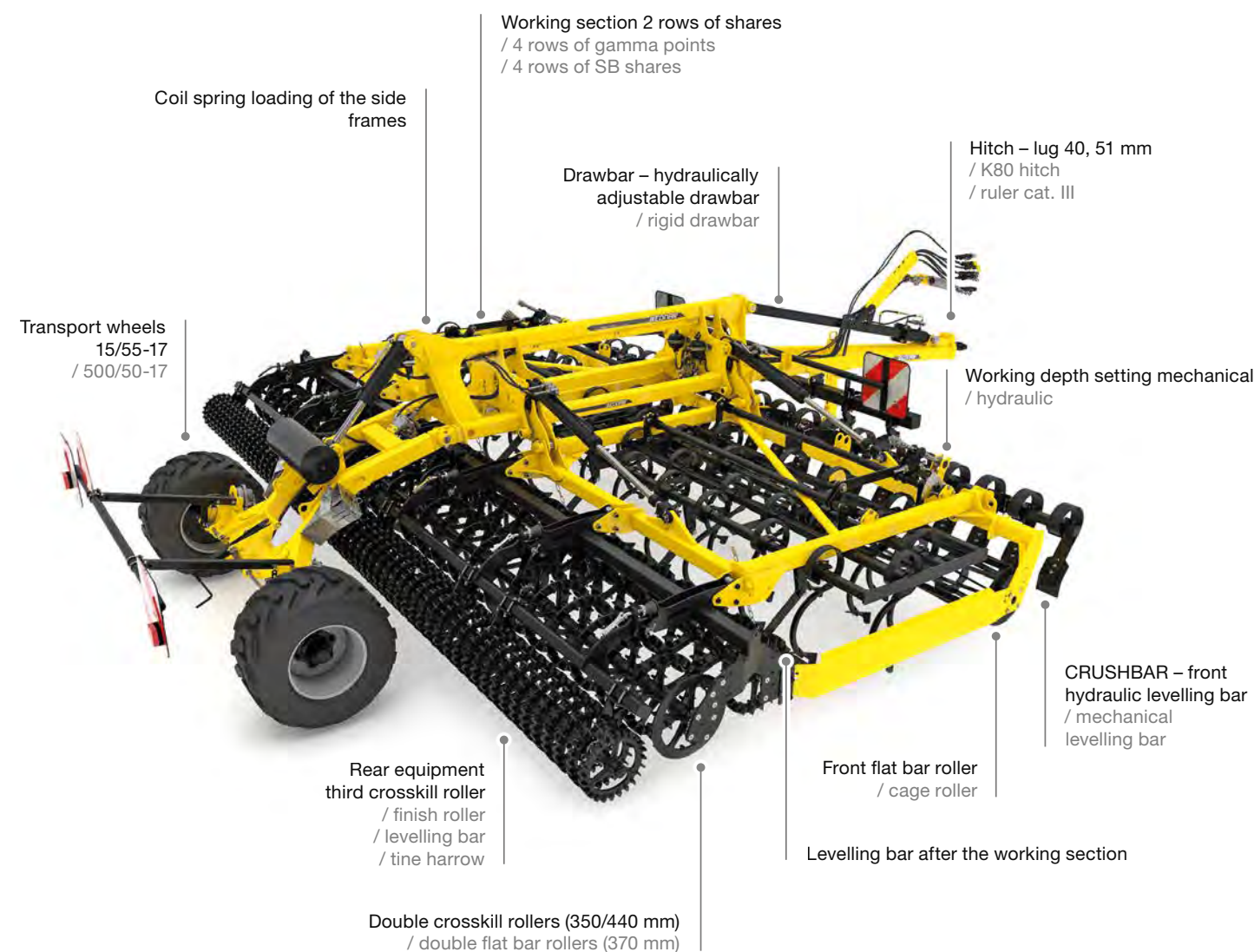
SWIFTER SO\_F

		SO 4000 F	SO 5000 F	SO 6000 F	SO 7000 F	SO 8000 F
Working width	m	4	5	6	7	8
Transport width	m	2.9	2.9	2.9	2.9	2.9
Transport length	m	7.3	7.3	7.3	7.3	7.3
Working depth*	cm	2–12	2–12	2–12	2–12	2–12
Number of shares	pcs	16	20	24	28	32
Number of shares SB-section	pcs	31	37	45	51	59
Number of gamma-tines	pcs	36	46	55	66	75
Total weight**	kg	4,740	5,190	6,030	6,950	7,760
Recommended output*	HP	120–150	150–200	150–220	180–220	220–280

\*depends on soil conditions \*\* depends on the equipment



# SWIFTER SO\_PROFI



The semi-mounted **SWIFTER SO\_PROFI** models are available with a working width of 5 and 6 metres.

When compared with the standard SWIFTER SO\_F seedbed cultivators, the SO\_PROFI models have a series of interesting structural and technical solutions. For example, the innovative technical design of side frame spring-loading using a coil spring that enables the SWIFTER SO\_PROFI seedbed cultivator to work at higher speed. A better crumbling and levelling effect is guaranteed.

The SO\_PROFI seedbed cultivator can be equipped with three crosskill rollers for perfect soil cultivation and quality clod crumbling – unparalleled design on the market!

## THIRD CROSSKILL ROLLER

When compared with comparable machines, SWIFTER SO\_PROFI offers the widest range of rear equipment, including the levelling bar, tine harrow, finish roller or the third crosskill roller.

The last crosskill roller has a diameter of 350 mm and creates the perfect soil structure, namely in difficult conditions, such as dry summer months.



## COIL SPRING-LOADING OF THE SIDE FRAMES

The SWIFTER SO\_PROFI seedbed cultivator has both side frames spring-loaded with a coil spring. This interesting technical design contributes to an even distribution of weight. Above all, it absorbs shocks, preventing them from being transferred onto the central load-bearing frame.

The spring-loading of the side frames contributes to a higher working speed and longer service life of the machine. Moreover, the spring-loading of the frames does not require any adjustments – it is a user-friendly and maintenance-free design.



## WIDE-BASE TRANSPORT WHEELS

To increase the machine stability during transport, SWIFTER SO\_PROFI seedbed cultivators can be equipped with wide-base, 500/50–17 tyres.

The axle is available either without brakes or with the option to be fitted with pneumatic or hydraulic brakes.





# SWIFTER SO\_PROFI



SWIFTER SO 6000 PROFI



“I appreciate the low demands on the pulling force per metre of working width. We can drive at a speed of 12 km per hour even with a 200 HP tractor; the low fuel consumption is the main positive aspect. SWIFTER SO\_PROFI has an excellent levelling effect. I like the front CRUSHBAR levelling bar that can be ideally adjusted to the current conditions from the tractor cabin. The large diameter of the rear double crosskill rollers ensures quality crumbling and the rollers do not sink into the ground thanks to their large diameter.”

Łukasz Gawroński, Machine Owner

Łukasz Gawroński, a private farmer  
330 ha

## RIGID DRAWBAR



The standard equipment of the SWIFTER SO\_PROFI seedbed cultivator models includes a rigid drawbar.

## HYDRAULICALLY ADJUSTABLE DRAWBAR



The hydraulically adjustable drawbar enables the machine to perfectly trace the terrain. The field is evenly cultivated, resulting in high-precision work.

The hydraulically adjustable drawbar makes aggregation with the tractor easy and works with various types of hitches.

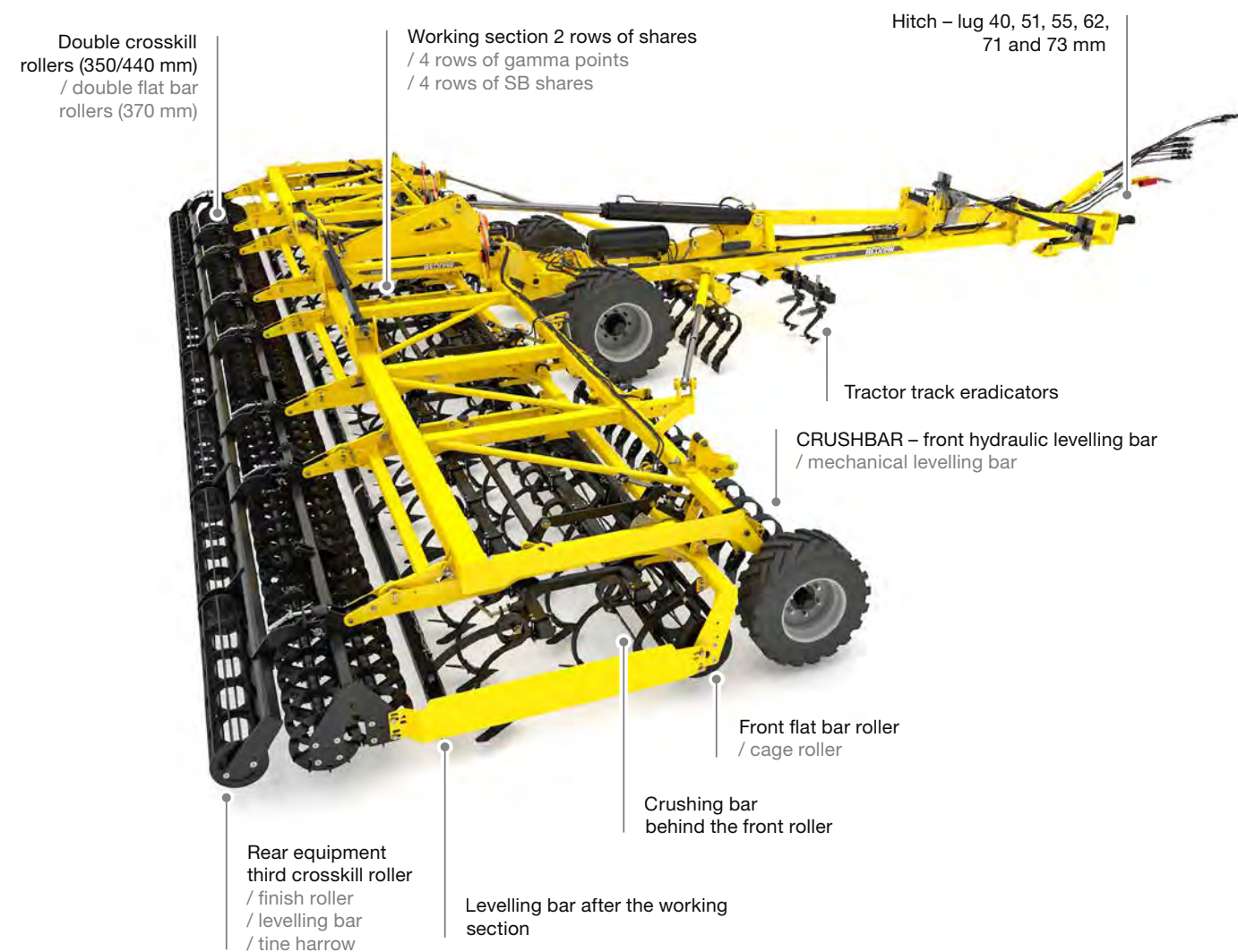
## SWIFTER SO PROFI

		SO 5000 PROFI	SO 6000 PROFI
Working width	m	5	6
Transport width	m	3	3
Transport length	m	8	8
Working depth*	cm	2–12	2–12
Number of shares	pcs	20	24
Number of shares SB-section	pcs	37	45
Number of gamma-tines	pcs	46	55
Total weight**	kg	6,330	6,880
Recommended output*	HP	140–200	160–230

\*depends on soil conditions \*\* depends on the equipment



# SWIFTER SE



The **SWIFTER SE** model line offers seedbed cultivators with a working width from 8 to 12 metres. The high working speed allows achieving high daily outputs with these machines. An advantage of SWIFTER SE is the independent suspension of the working sections for perfect terrain tracing.

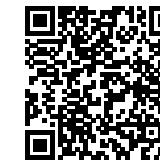
Like any other BEDNAR seedbed cultivators, the SWIFTER SE product line has exchangeable working sections to adjust the machine to the requirements of soil preparation for a specific crop. Safe transport of the machine, even with the width of 12 metres, is ensured by folding the side frames forward to the drawbar.

## WAVE-FLEX SYSTEM

The WAVE- FLEX system means that the individual working sections (width of 2 or 3 metres) are independently suspended on the side frames using the towing arms in the front and tracing arms in the rear.

The system helps maintain the set working depth. The soil profile is evenly cultivated along the entire working width.

Check out how the WAVE-FLEX system works.



## INTEGRATED TRANSPORT AXLE TRACK ERADICATORS

The wide-span SWIFTER SE seedbed cultivators with a working width from 8 to 12 can be equipped with tractor track eradicators – either fixed, or telescopic.

The SE 10000 and SE 12000 models can now be equipped with the transport axle track eradicators. The transport axle track eradicators prevent the formation of hardened tracks.



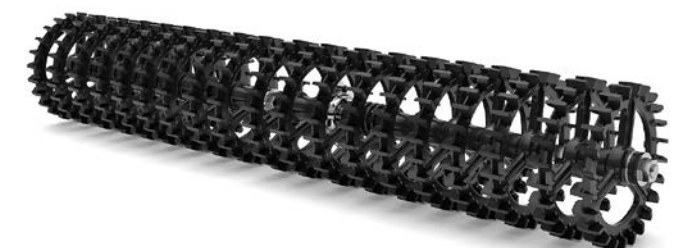
## THIRD CROSSKILL ROLLER

The SWIFTER SE 10000 seedbed cultivator can be equipped with third crosskill roller on request.

The last crosskill roller has a diameter of 350 mm and creates the perfect soil structure, namely in difficult conditions, such as dry summer months.

The third crosskill roller can be combined with the following rear rollers:

- double crosskill 350 mm
- double crosskill for rocks 350 mm
- double flat bar roller 370 mm





# SWIFTER SE



SWIFTER SE 12000

## TURNING AT HEADLAND IN THE WORKING POSITION



The design of the SWIFTER SE seedbed cultivator enables turning the machine at headlands without having to lift the working sections. We recommend turning at headlands at lower working speed and a higher turning radius. The telescopic connecting rods stabilize the side frames not only when turning, but also at higher working speed.

## FORWARD FOLDING OF SIDE FRAMES



The SWIFTER SE wide seedbed cultivator can be easily folded into transport position from the tractor cabin. The fully hydraulic folding of the working sections forward to the drawbar provides compact transport dimensions of up to 3 metres of transport width, required for transport on roads in EU countries.



“The BEDNAR seedbed cultivator works perfectly in our conditions, the fields are prepared like gardens, and I can only recommend the machine. BEDNAR SWIFTER SE 8000 processes about 40 to 50 hectares per day, but it all depends on the number of passes and size of the fields. Soil is cultivated at a depth of 8 cm and the set travels at a speed of around 12 km/h in the fields.”  
Petr Šulc, Machine Operator

Zemědělská, a. s. Lučice | Czech Republic  
450 ha



“We have been using SWIFTER seedbed cultivators for many years. We have both the SM and SE 10000 models. I can prepare up to 100 hectares per shift, which is about 12 hours. Output is very important because I manage to cultivate land for several seed drills without any pressure or delays in the line. The quality of work is perfect. We use the SWIFTER SE before planting various crops, but especially in spring, combined with SB shares to prepare the fields for sugar beet.”  
Rostislav Zejda, Machine Operator

Zemědělské družstvo Unčovice | Czech Republic  
6 100 ha

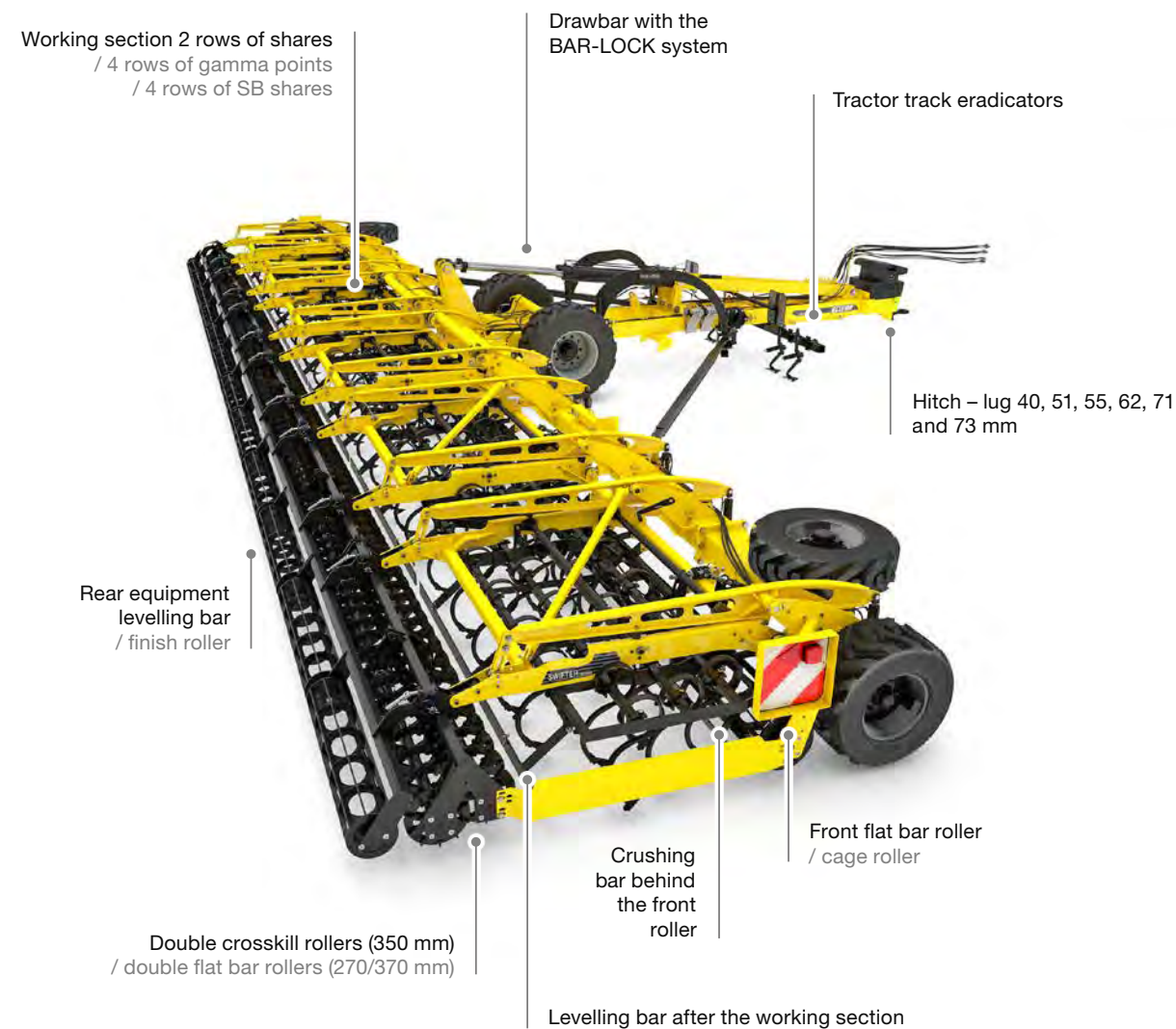
## SWIFTER SE

		SE 8000	SE 10000	SE 12000
Working width	m	8	10	12
Transport width	m	3	3	3
Transport length	m	6.9	7.5	8.6
Working depth*	cm	2–12	2–12	2–12
Number of shares	pcs	32	40	48
Number of shares SB-section	pcs	63	76	88
Number of gamma-tines	pcs	80	96	113
Total weight**	kg	9,160	11,000	11,800
Recommended output*	HP	220–270	280–330	330–380

\*depends on soil conditions \*\* depends on the equipment



# SWIFTER SM

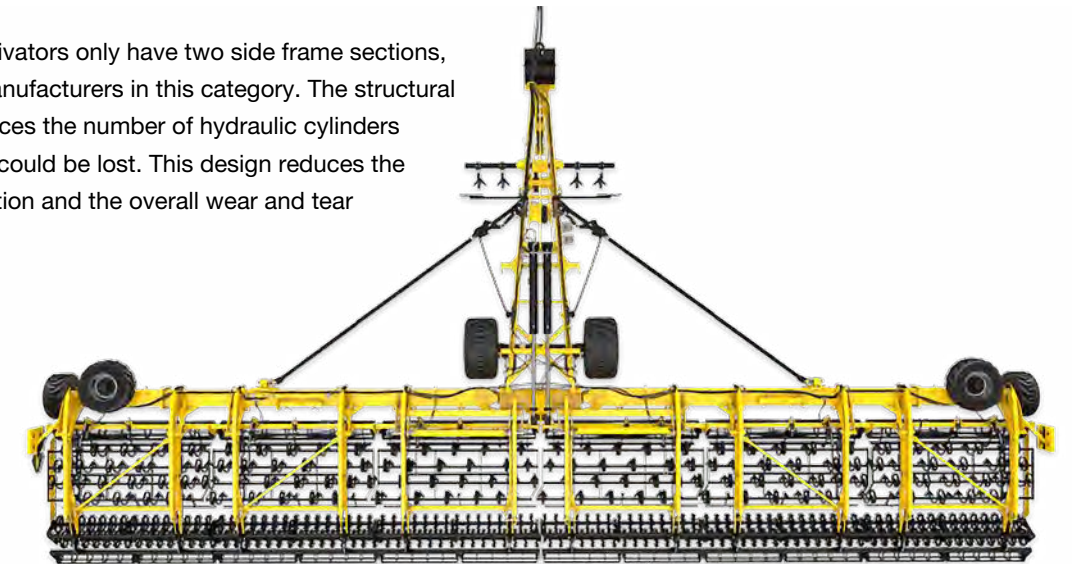


The trailed, wide-span **SWIFTER SM** cultivators are some of the largest seedbed cultivators on the market. They are used with the most powerful tractors on the market with the working span from 14 to 18 metres. The widest SWIFTER SM 18000 seedbed cultivator can process more than 230 hectares per day. The independent suspension of the working sections contributes to perfect terrain tracing, even at such widths. The SWIFTER SM seedbed cultivators offer excellent manoeuvrability during transport because they do not exceed the permitted transport width of 3 m.

BEDNAR has many years of experience in the production of the wide-span SWIFTER SM seedbed cultivators. Our company is justly one of the leaders in this market segment. We developed the first wide-span seedbed cultivator in 2003.

## SIMPLE DESIGN

SWIFTER SM seedbed cultivators only have two side frame sections, unlike other competitive manufacturers in this category. The structural design of the machine reduces the number of hydraulic cylinders where side frame pressure could be lost. This design reduces the number of points of lubrication and the overall wear and tear of the machine.



## BAR-LOCK SYSTEM

BAR-LOCK is a lock bar system. The system ensures a continuous, easy and safe unfolding from the transport to the working position, as well as machine reversing. Also, it secures the connecting rods of the side frames with the drawbar when in the working position. The entire operation is done from the comfort of the tractor cabin.



## SAFE TRANSPORT

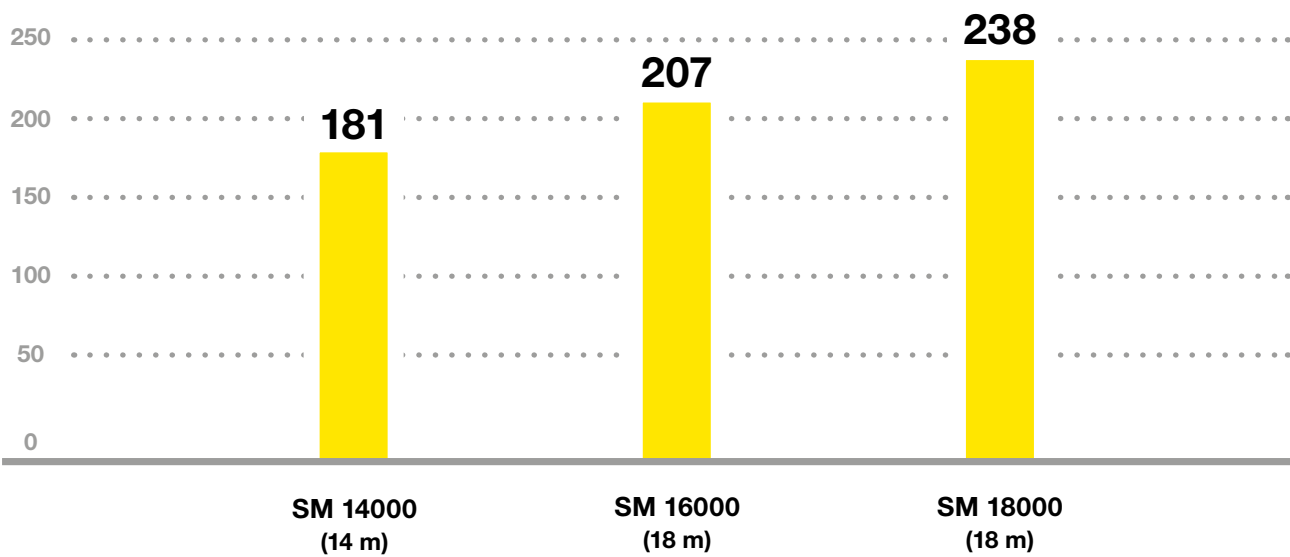
The SWIFTER SM seedbed cultivator has the BAR-LOCK folding system that makes it easy to fold and unfold the machine directly from the tractor cabin. Moreover, it makes it possible to reverse when the machine is unfolded.

Even the largest SWIFTER SM 18000 seedbed cultivator with a working width of 18 metres excels in easy transport on rugged and narrow roads thanks to the transport width of 3 metres and height of 4 metres.



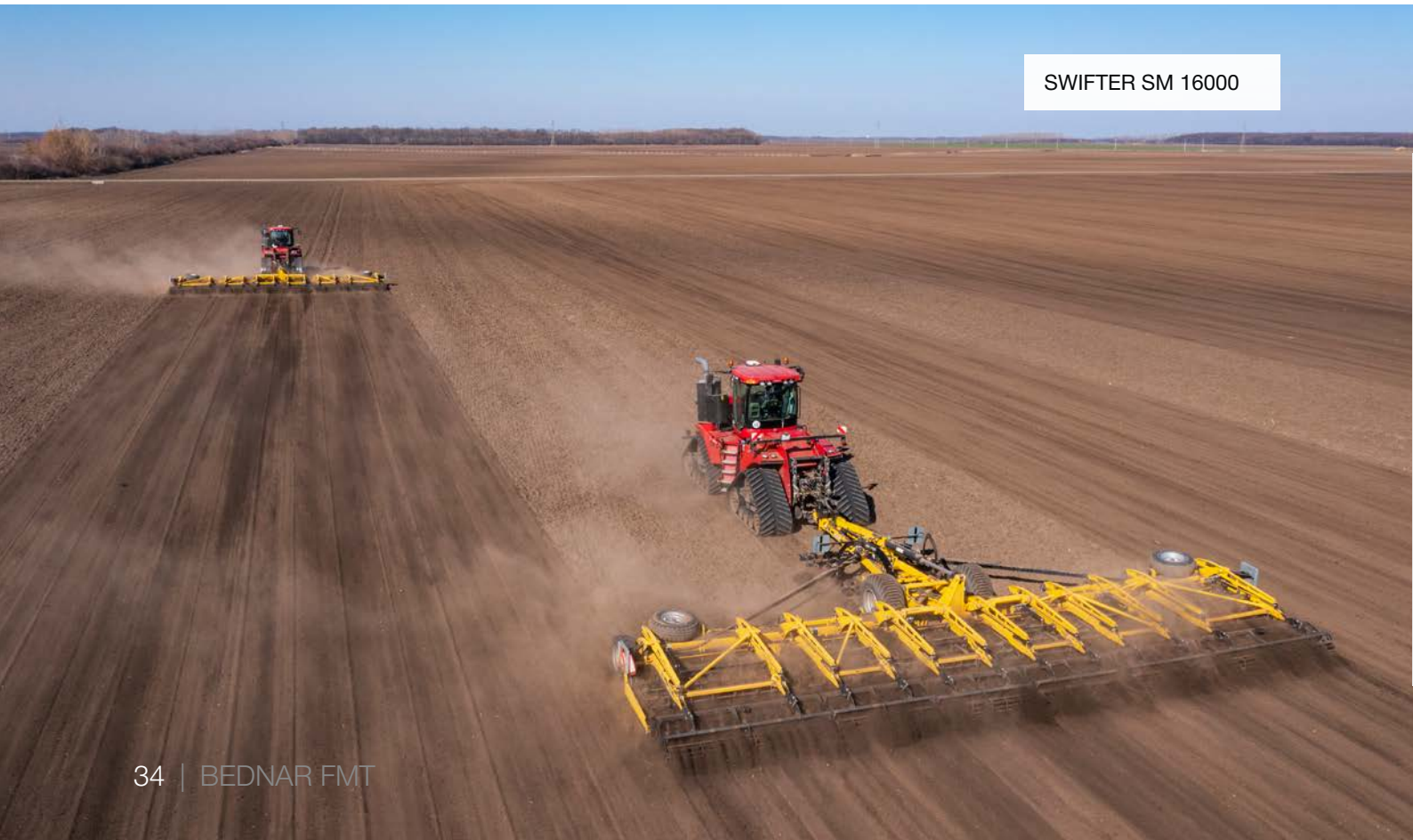


# SWIFTER SM



### HIGH DAILY OUTPUTS OF UP TO 230 HA/DAY

The SWIFTER SM wide seedbed cultivator has an ideal design for aggregation with the most powerful tractors on the market, such as quadtrac tractors. In combination with the working width of up to 18 metres, the high engine power, and the high working speed, it is possible to achieve high daily outputs of up to 230 ha. Therefore, there is no need to deal with two-shift operation.



SWIFTER SM 16000



“We use four wide-span machines by BEDNAR in our company – EFECTA CE, ATLAS AE 12400 PROFI and two SWIFTER SM 14000 cultivators. We aggregate the cultivators with quadtrac tractors and sometimes they work 24 hours a day. We are very pleased with the cultivators. In one pass, we are able to prepare a quality seedbed with a high daily output. We chose gamma points as the main working section.”

Endre Makó, Head of the Mechanization Division

Nemzeti Ménesbirtok és Tangazdaság Zrt. | Hungary 10 000 ha



“A perfectly prepared seedbed is our priority and I can confirm that SWIFTER is the only machine that has always come through in our conditions. That is why our company already owns five wide cultivators. They are maximally used in the main season, and SWIFTER seedbed cultivators basically provide all the preparation, working literally 24 hours a day.”

Ing. Vítězslav Navrátil, Chairman of the Board of Directors

ROSTĚNICE, a. s. | Czech Republic | 10 000 ha

### SWIFTER SM

		SM 14000	SM 16000	SM 18000
Working width	m	14	16	18
Transport width	m	3	3	3
Transport length	m	13.6	14.6	15.6
Working depth*	cm	2–12	2–12	2–12
Number of shares	pcs	56	64	72
Number of shares SB-section	pcs	108	120	132
Number of gamma-tines	pcs	136	152	168
Total weight**	kg	14,250	15,550	16,750
Recommended output*	HP	400–500	450–550	500–620

\*depends on soil conditions \*\* depends on the equipment



# I did my best, for maximum Yield this year

## Soil Cultivation



**SWIFTERDISC**  
Disc Cultivators



**ATLAS**  
Disc Cultivators



**FENIX**  
Versatile Cultivators



**VERSATILL**  
Versatile Cultivators



**SWIFTER**  
Seedbed Cultivators



**KATOR**  
Rotary Harrow



**TERRALAND**  
Chisel Plough



**ACTROS**  
Combined Cultivator



**GALAXY**  
Rollers

## Seeding and Fertilising



**OMEGA**  
Seed Drills



**MATADOR**  
Strip-till Seed Drill



**DIRECTO**  
No-till Seed Drill



**FERTI-BOX**  
Hopper for Fertiliser

## Inter-row / Strip Cultivation Mulching



**ROW-MASTER**  
Inter-row Cultivator



**STRIP-MASTER**  
Strip-till Cultivator



**STRIEGEL-PRO**  
Straw Harrows



**MULCHER**  
Rotary Cutters

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