

# PRODUCT CATALOGUE

**BEDNAR**



**JOY** OF FARMING



# FARMING SOIL FOR FUTURE GENERATIONS

Dear Customers,

I often ponder over where to lead the discussions with my colleagues with regard to the objectives of developing new machines and technological lines, as it is my role in the company. On one side, there are some common social trends we need to respond to in our portfolio, such as protection of soil moisture, increasing the ratio of organic substance in soil, reducing the application of glyphosates, using industrial fertilisers and erosion measures effectively and specifically, all of that while sustaining the yield potential of the plants. At the same time, however, we need to be able to offer machines for various technological and performance-related needs of farmers on various continents, as

a pro-export focused company. We also have to be able to respond to the quickly growing demands on the creation and sharing of information about the functions and quality of work of the machines. I am aware of the demands we are facing in the near future and I also believe that the BEDNAR team is well prepared to fulfil those tasks.



JUDr. Ing. Ladislav Bednář  
CEO BEDNAR FMT, s. r. o.



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# SOIL CULTIVATION









# SWIFTERDISC

disc cultivators



SWIFTERDISC is a highly universal, short disc cultivator, suitable for quality and fast stubble cultivation up to the depth of 14 centimetres, as well as for seedbed preparation.

## MAIN ADVANTAGES

### Hydraulic drawbar

The semi-mounted disc cultivators are equipped with a hydraulic drawbar. This equipment is included in the basic machine configuration. It facilitates the connection to the towing vehicle, and above all, improves the quality of work because the disc cultivator perfectly traces any terrain unevenness.



### TWIN-DISC mounting system

One arm per two discs doubles the space for rubber segment protection. That means more space for material throughput. The machine can work smoothly, even if the combine harvester has left clusters of straw in the field.



### Front equipment

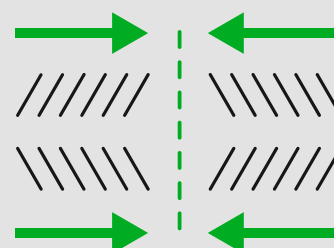
Versatility is the basic feature of SWIFTERDISC machines. The machine can be equipped with the front Crushbar levelling bar that levels the coarse furrow, or Trash Cutter cutting roller for excellent crop residue cutting.



## X-SHAPED DISC LAYOUT (X-PRECISE SYSTEM)

The technical design when discs are arranged in the shape of X provides precise guidance of the machine in the tractor tracks. This design prevents side drifting of the machine and enables full utilization of the entire working width of the disc cultivator.

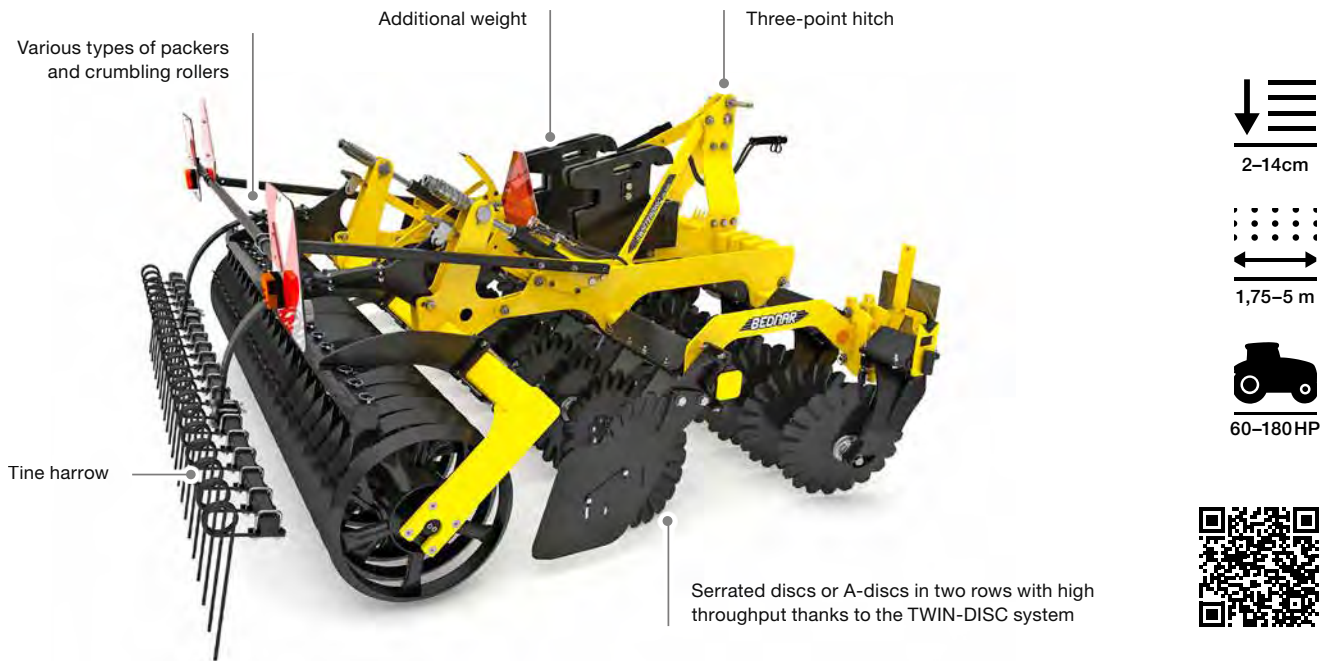
\* the front equipment is available for the XO\_F, XO\_PROFI, XE and XE\_PROFI models / X-PRECISE disc layout is used in XO\_PROFI, XE\_PROFI and XE\_MEGA





## A mounted disc cultivator with a short frame

SWIFTERDISC XN is a mounted disc cultivator with a short frame and with individual disc protection using rubber segments to ensure fast, quality and low-cost stubble cultivation. SWIFTERDISC XN can also be used for field cultivation prior to seeding, both in the conventional and minimization soil cultivation systems.



## SWIFTERDISC XN

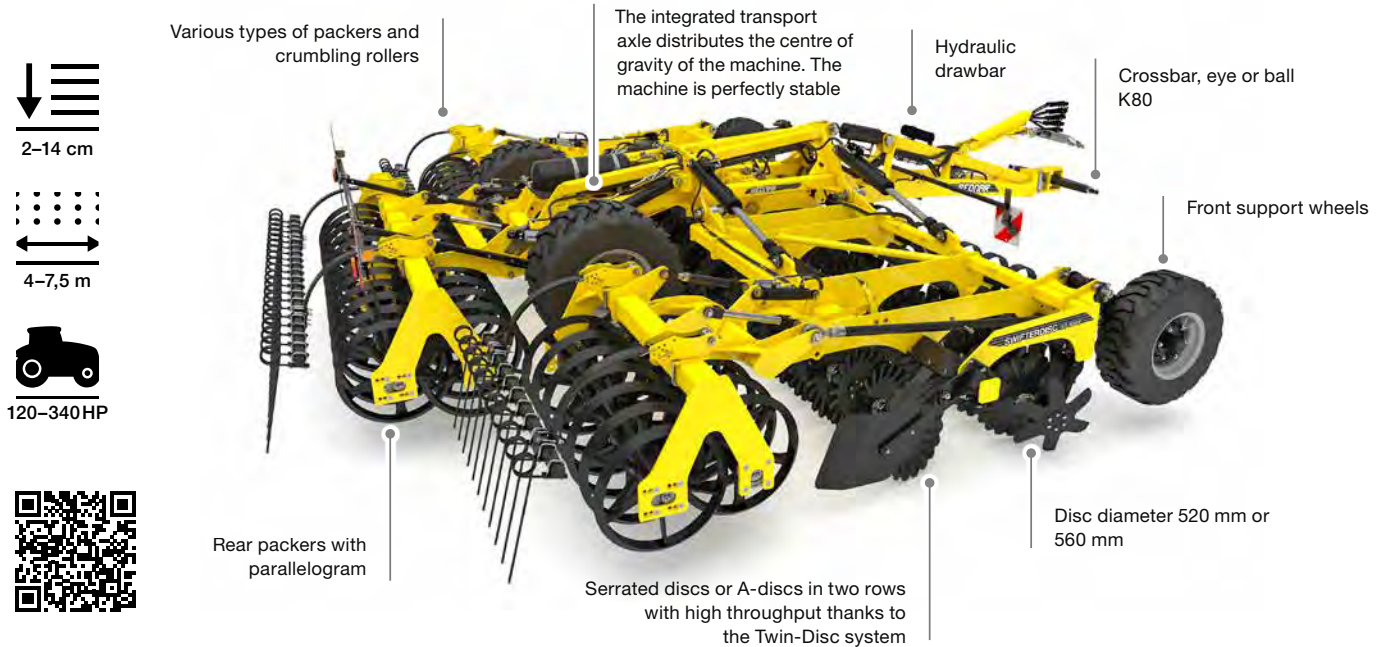
		XN 2000	XN 3000	XN 3500	XN 4000	XN 4000 R	XN 5000
Working width	m	1.75	3	3.5	4	4	5
Transport width	m	2	3	3.5	3	4	3
Transport length	m	2.2	2.6	3	3	2.6	3.3
Working depth*	cm	2-14	2-12	2-12	2-12	2-12	2-12
Number of discs	pcs	14	22/24**	26/28**	32	30/32**	40
Disc diameter	mm	520/560	520/560	520/560	520/560	520/560	520/560
Total weight**	kg	960-1,200	1,650-2,050	1,800-2,200	2,390-3,240	2,035-2,430	3,000-3,900
Recommended output*	HP	60-85	85-115	110-130	130-150	130-150	150-180

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

# SWIFTERDISC XO\_F

## A universal disc cultivator designed for stubble cultivation and seedbed preparation

SWIFTERDISC XO\_F is a universal, semi-mounted disc cultivator with a short frame. The innovative design with an integrated axle installed in front of the rear packers contributes to even weight distribution and high stability of the machine during work. The SWIFTERDISC XO\_F disc cultivator can drive fast, which is essential for properly done work.



### SWIFTERDISC XO\_F

		XO 4000 F	XO 4500 F	XO 5000 F	XO 6000 F	XO 8000 F
Working width	m	4	4.5	5	6	7.5
Transport width	m	3	3	3	3	3
Transport length	m	6.9	6.9	6.9	6.9	7.4
Working depth*	cm	2–14	2–14	2–14	2–14	2–12
Number of discs	pcs	32	36	40	48	60
Disc diameter	mm	520/560	520/560	520/560	520/560	520
Total weight**	kg	6,070	6,930	7,160	7,860	8,890
Recommended output*	HP	120–160	140–170	170–220	200–260	290–340

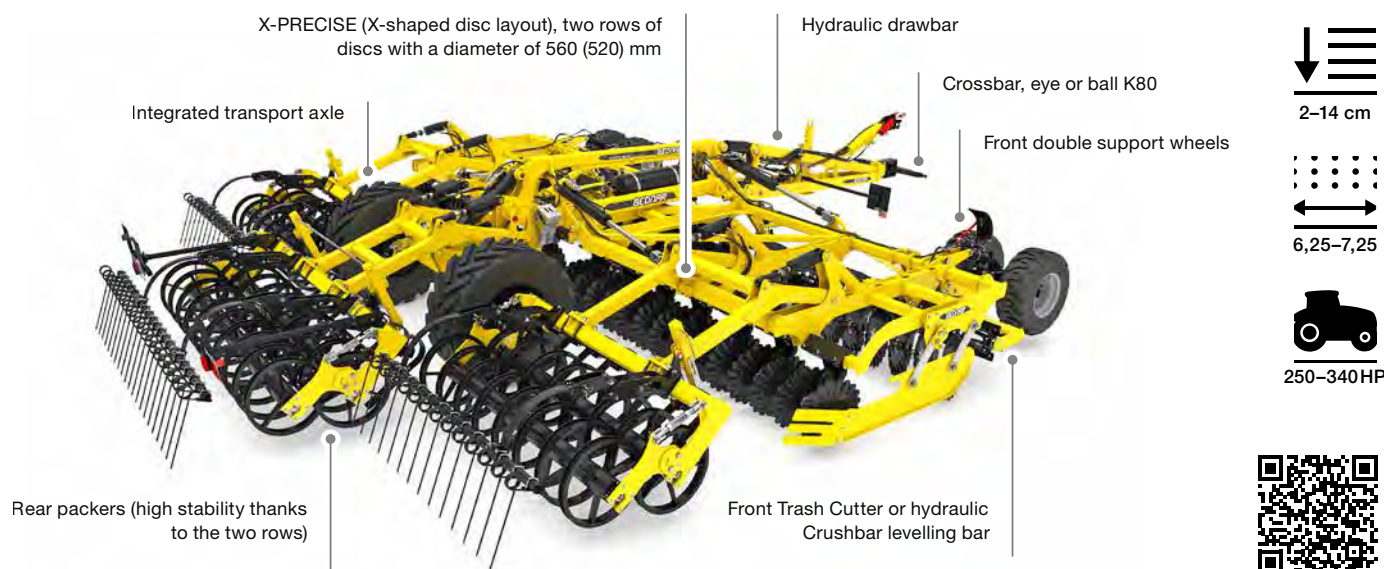
\*depends on soil conditions \*\* depends on the equipment

\* The front equipment is not along the entire machine width when the machine is equipped with support wheels. The discs with a diameter of 560 mm are not available for SWIFTERDISC XO 8000 F.



## A compact disc cultivator for stubble cultivation and seedbed preparation

SWIFTERDISC XO\_PROFI is a new model line of semi-mounted disc cultivators with a short frame. SWIFTERDISC XO\_PROFI has disc sections arranged in the shape of X. This innovative technical design eliminates drifting of the machine to the side. That allows the disc cultivator to precisely trace the tractor tracks. The large distance between the individual working sections is suitable for incorporation of large quantity of post harvest residue.



### SWIFTERDISC XO\_PROFI

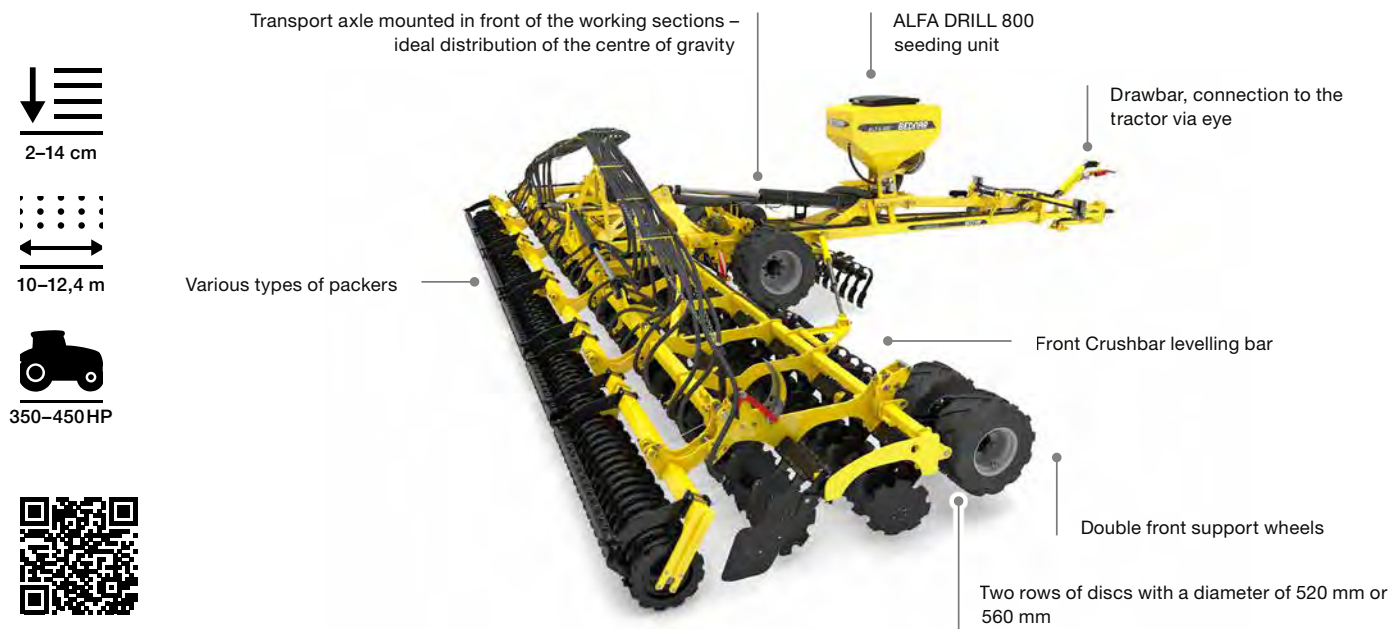
		XO 6000 PROFI	XO 7500 PROFI
Working width	m	6.25	7.25
Transport width	m	3	3
Transport length	m	9	9
Working depth*	cm	2–14	2–14
Number of discs	pcs	51	59
Disc diameter	mm	520/560	520/560
Total weight**	kg	9,000	10,000
Recommended output*	HP	250–320	280–340

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

# SWIFTERDISC XE

## A wide disc cultivator designed for stubble cultivation and seedbed preparation

SWIFTERDISC XE is a wide, short disc cultivator designed for high daily outputs. SWIFTERDISC XE disc cultivators have a transport axle mowed forward, in front of the first disc section row. This design contributes to ideal weight distribution and allows achieving higher working speed. The disc sections fold forward onto the drawbar which provides compact dimensions for transport.



## SWIFTERDISC XE

		XE 10000	XE 12400
Working width	m	10	12.4
Transport width	m	3	3
Transport length	m	7.5	9.2
Working depth*	cm	2–14	2–14
Number of discs	pcs	80	100
Disc diameter	mm	520/560	520/560
Total weight**	kg	11,000	13,000
Recommended output*	HP	350–450	380–450

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

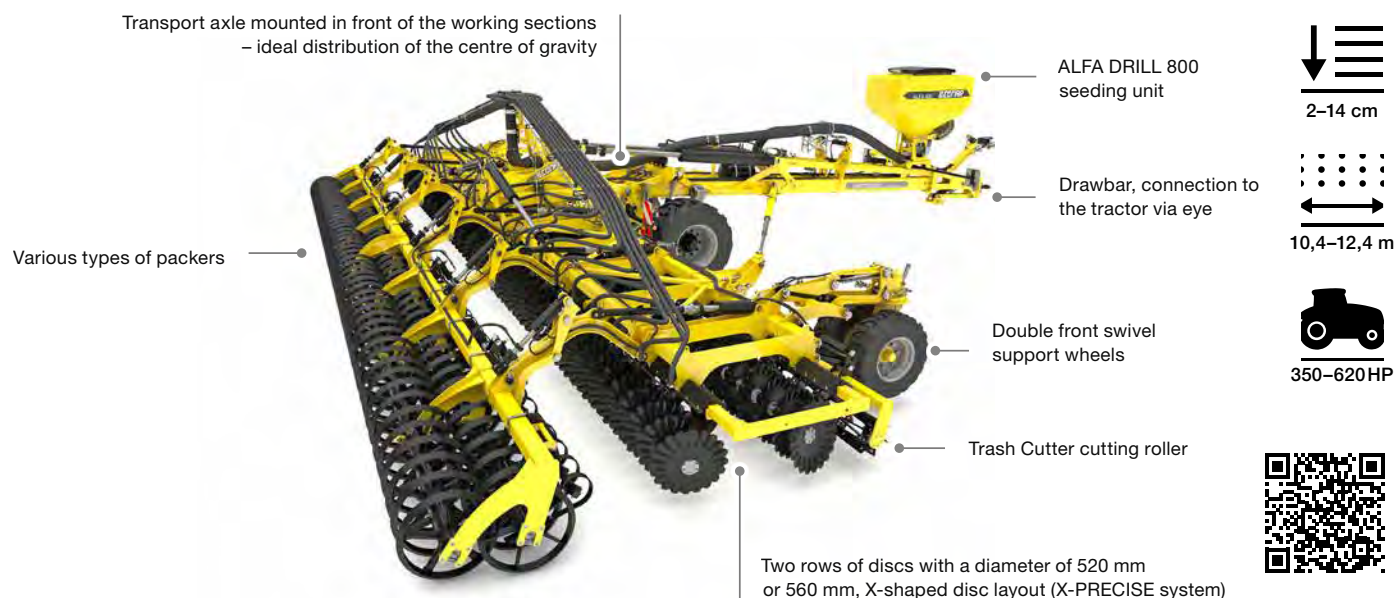


# SWIFTERDISC XE\_PROFI

soil cultivation

**A professional wide disc cultivator designed for maximum daily outputs**

SWIFTERDISC XE\_PROFI is the TOP model in the portfolio of short trailed disc cultivators. SWIFTERDISC XE\_PROFI has disc sections arranged in the shape of X. SWIFTERDISC XE\_PROFI disc cultivators have a transport axle mowed forward, in front of the first disc section row. This design contributes to ideal weight distribution and allows achieving higher working speed. The BEDNAR EASY CONTROL software provides fully automated folding and unfolding of the machine using a single button, and all working parameters are set by entering the values at the terminal.



## SWIFTERDISC XE\_PROFI

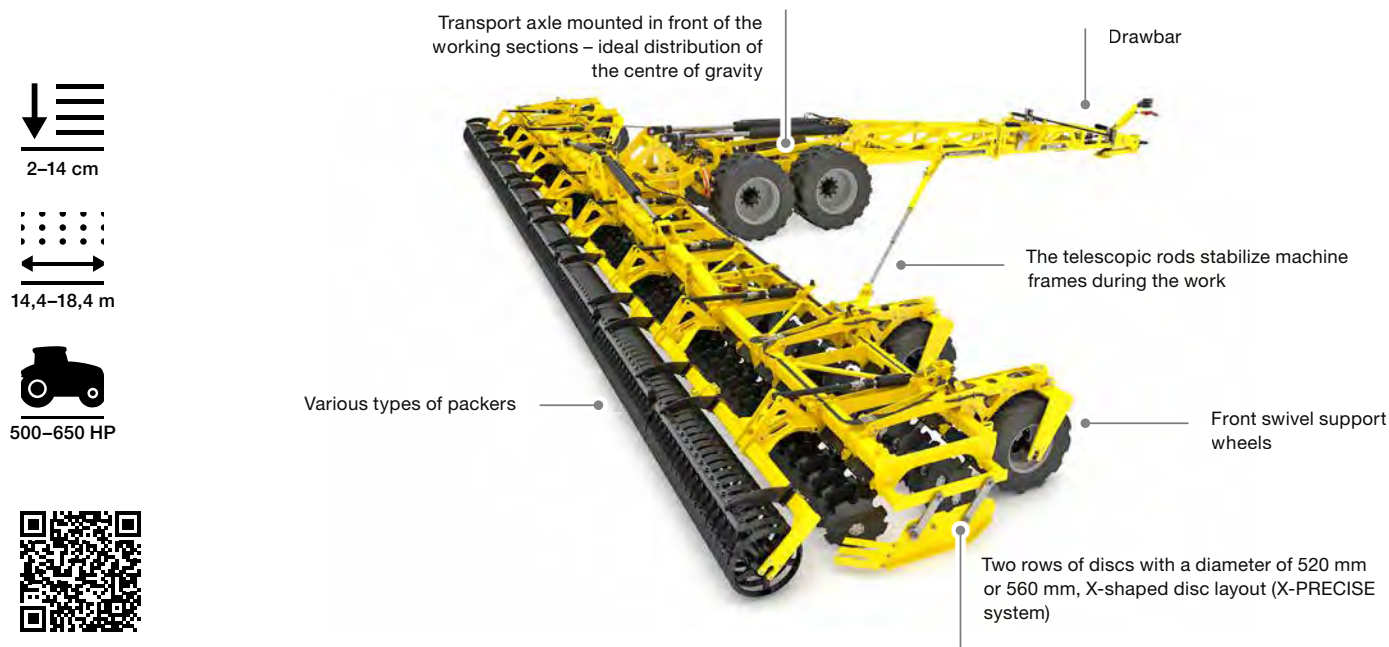
		XE 10400 PROFİ	XE 12400 PROFİ
Working width	m	10.4	12.4
Transport width	m	3	3
Transport length	m	7.5	8.9
Working depth*	cm	2–14	2–14
Number of discs	pcs	83	99
Disc diameter	mm	520/560	520/560
Total weight**	kg	12,000	13,000
Recommended output*	HP	350–450	400–620

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

# SWIFTERDISC XE\_MEGA

## A disc cultivator with a working width of 18.4 m for maximum daily outputs

SWIFTERDISC XE\_MEGA is designed for the most powerful tractors on the market to achieve the maximum daily output. SWIFTERDISC XE\_MEGA has disc sections arranged in the shape of X. The SWIFTERDISC XE\_MEGA cultivator has two side frames that fold forward for transport. The disc cultivator thus does not exceed the permitted transport width of 3 metres, even with the maximum working width of 18.4 metres.



### SWIFTERDISC XE\_MEGA

		XE 14400 MEGA	XE 16400 MEGA	XE 18400 MEGA
Working width	m	14.4	16.4	18.4
Transport width	m	3	3	3
Transport length	m	10	11	12
Working depth*	cm	2–14	2–14	2–14
Number of discs	pcs	115	131	147
Disc diameter	mm	520/560	520/560	520/560
Total weight**	kg	17,000	20,000	22,000
Recommended output*	HP	500–550	550–620	580–650

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



# ATLAS

disc cultivators

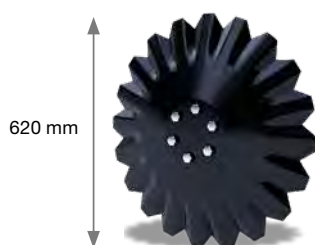


ATLAS is a disc cultivator specially designed for processing large quantities of crop residue and organic matter, such as after harvesting corn and organic matter as catch crop, manure or slurry.

## MAIN ADVANTAGES

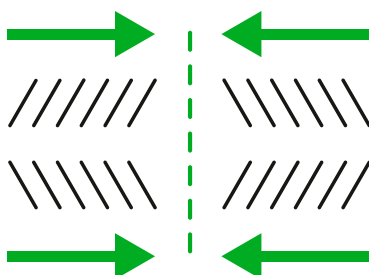
### Specialty shaped aggressive discs

The basic ATLAS equipment includes serrated discs with a diameter of 620 × 6 mm. The aggressive discs are an interesting piece of equipment, offering excellent mixing and cutting effect. The discs have a lot of cutting edges along the circumference for easy soil penetration.



### X-shaped disc layout (X-PRECISE system)

The technical design when discs are arranged in the shape of X provides precise guidance of the machine in the tractor tracks. This design prevents side drifting of the machine and enables full utilization of the entire working width of the disc cultivator.



### Front equipment

Trash Cutter is a cutting roller that disrupts and cuts crop residue after harvest. The cutting roller offers an excellent effect namely when cultivating the stubble field after oilseed rape, sunflower, catch crop or corn.



## ELECTRO-HYDRAULIC CONTROL

BEDNAR EASY CONTROL is the Company's own software that provides a fully automated control of the disc cultivator and allows setting the working depth from the cabin in an easy and simple way, using the electro-hydraulic control of the machine.

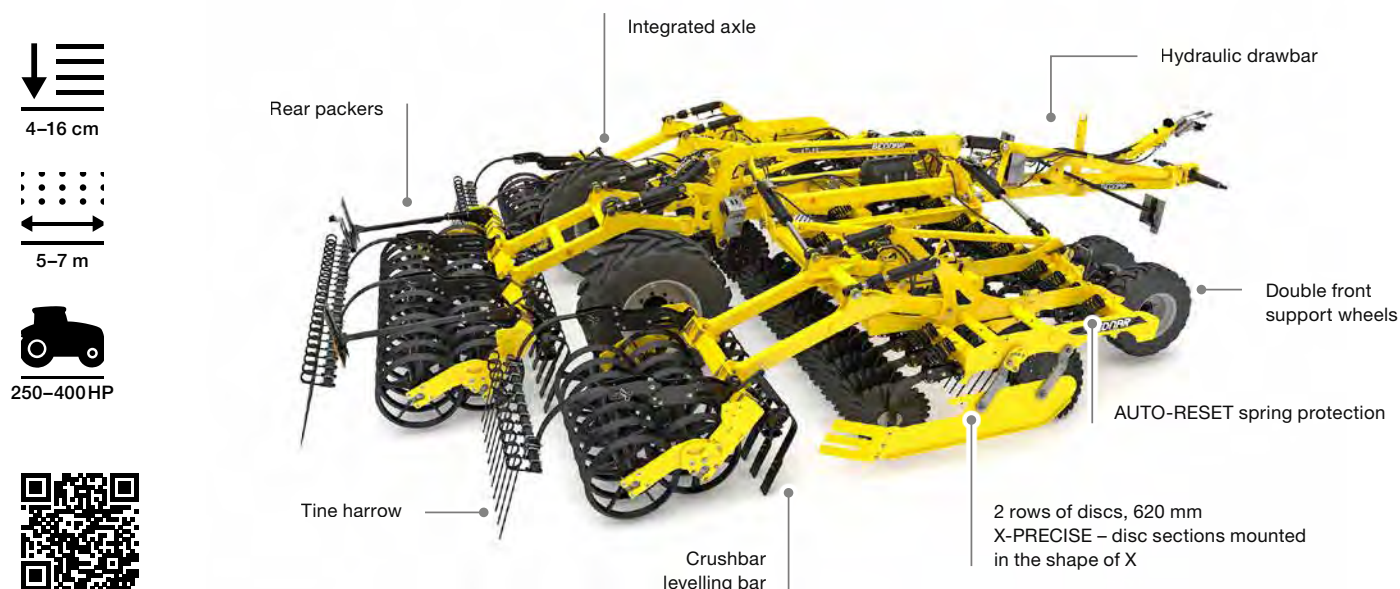
\* front equipment is available for the ATLAS AO\_PROFI model.



# ATLAS AO\_PROFI

## A heavy disc cultivator for processing large quantities of crop residue

ATLAS AO\_PROFI is a heavy disc cultivator. The robust, short cultivator is designed for cutting, mixing and incorporating large quantities of crop residue and organic matter, also in wet conditions. This key advantage of the ATLAS AO\_PROFI cultivator is provided by the robust design, high frame clearance, spacing of the individual sections, and a large disc diameter.



### ATLAS AO PROFI

		AO 5000 PROFI	AO 6000 PROFI	AO 7000 PROFI
Working width	m	5	6	7
Transport width	m	2.9	2.95	2.95
Transport length	m	9.1	9.1	9.1
Working depth*	cm	4–16	4–16	4–16
Number of discs	pcs	40	48	56
Disc diameter	mm	620	620	620
Total weight**	kg	10,400	11,370	12,500
Recommended output*	HP	250–300	300–350	350–400

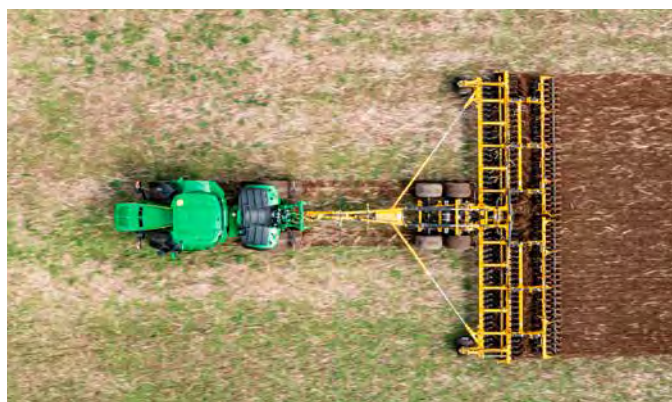
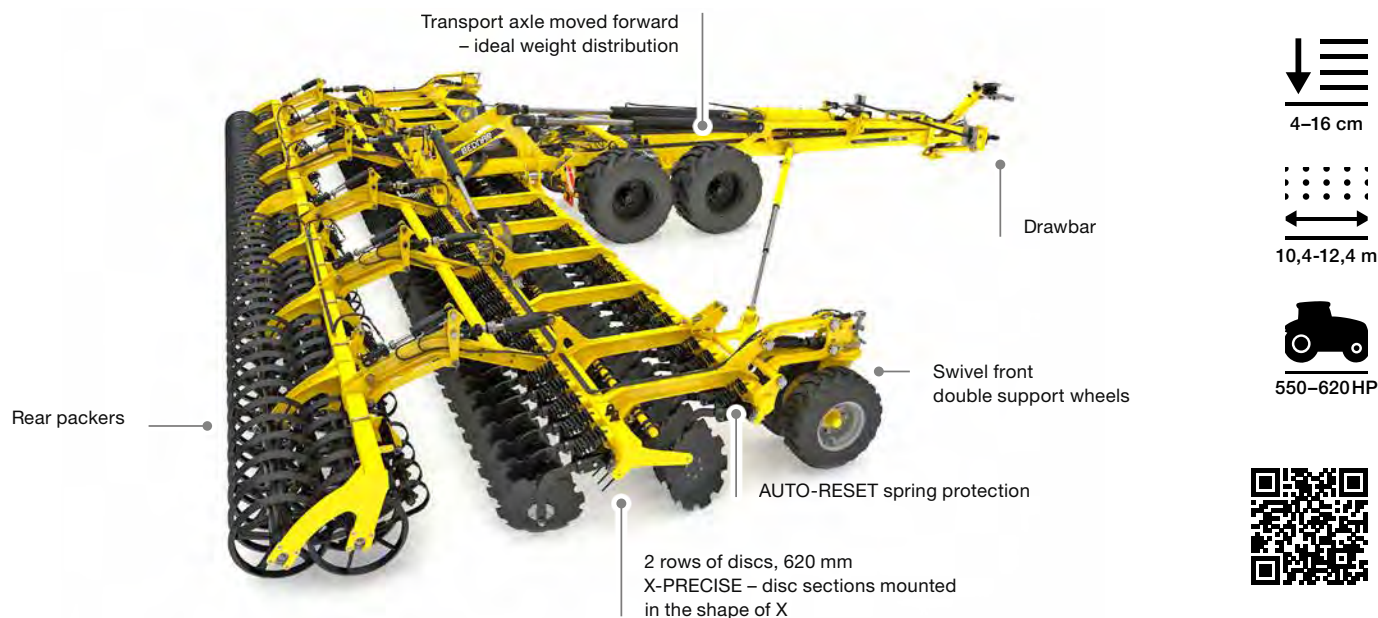
\*depends on soil conditions \*\* depends on the equipment



# ATLAS AE\_PROFI

## A wide disc cultivator for processing large quantities of crop residue

ATLAS AE\_PROFI is a trailed disc cultivator designed for processing large quantities of crop residue. The axle in front of the first disc row evenly distributes the machine weight and thus down pressure on both side frames, which ensures that the set working depth is maintained along the entire width of the machine. ATLAS AE\_PROFI has disc sections arranged in the shape of X. This design guarantees precise travel behind the pulling vehicle.



### ATLAS AE\_PROFI

		AE 10400 PROFI	AE 12400 PROFI
Working width	m	10.4	12.4
Transport width	m	3	3
Transport length	m	7.5	8.5
Working depth*	cm	4–16	4–16
Number of discs	pcs	84	100
Disc diameter	mm	620	620
Total weight**	kg	13,000	15,000
Recommended output*	HP	450–620	500–650

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

# TERRALAND

chisel ploughs



TERRALAND is a chisel plough designed for deep soil cultivation, soil profile aeration and disruption of the hardened soil layers to a depth of 65 centimetres.

## MAIN ADVANTAGES

### Assembled parts

The individual parts of the TERRALAND TN and TN\_PROFI chisel plough are assembled, not welded. The assembled parts (tines to frames, internal frames to tine beams) have a multiple-times longer service life than when those exposed parts are welded together.



### One frame, two different types of equipment

All chisel ploughs have exchangeable equipment. The standard chisel plough equipment includes ACTIVE-MIX tines for deep loosening and disruption of hardened layers. The TERRALAND machine can be equipped with special ZERO-MIX tines with a negative angle for subsoil tillage without active mixing of soil.



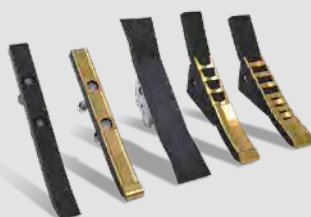
### Cutter disc section

TERRALAND TN\_PROFI is fitted with a two-row cutter disc section with specially shaped discs with a diameter of 520 × 5 mm. The special shape of the discs provides efficient crumbling of large clods, covers crop residue, and perfectly levels off the field surface.



## A WIDE RANGE OF CHISELS AND WINGS

ACTIVE-MIX tines can be equipped with chisels with a width of 70 mm for intense loosening, or with a width of 40 mm for demanding conditions and deep work. Chisels and wings are also available in the extremely durable LONG LIFE version (40 mm, 55 mm and 70 mm). The deeper you work, the narrower chisel should be used.

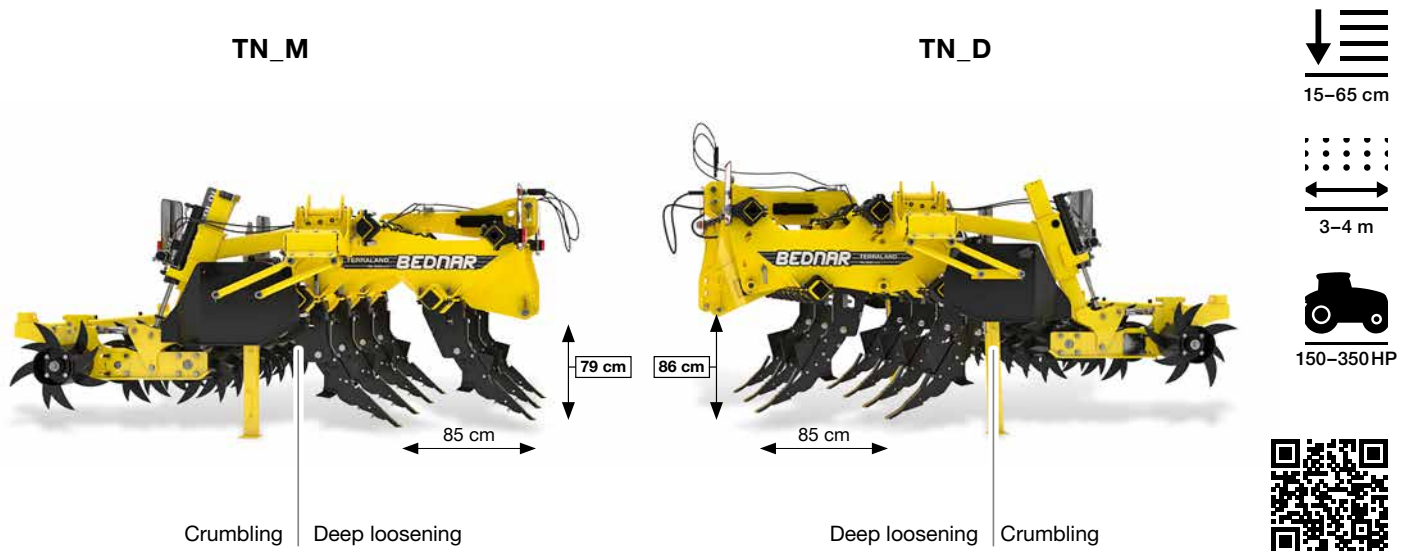




# TERRALAND TN

## A mounted chisel plough for deep soil cultivation up to 65 centimetres

TERRALAND TN is a machine for deep soil cultivation up to a depth of 65 centimetres. What makes this machine a success is the fact that it can replace tillage, and when compared with a plough, it works deeper, faster and with lower demands on the tractor power. The properties of TERRALAND TN make it suitable for deep loosening and incorporation of large quantities of organic matter. The exchangeable working parts make it easy to adjust the machine for deep loosening or subsoiling without active mixing of soil.



### TERRALAND TN

		TN 3000 M5R / D5R	TN 3000 M7R / D7R	TN 4000 M7R / D7R	TN 4000 M9R / D9R
Working width	m	3	3	4	4
Transport width	m	3	3	4	4
Transport length	m	2.9	2.9	2.9	2.9
Working depth*	cm	15-55 / 15-65	15-55 / 15-65	15-55 / 15-65	15-55 / 15-65
Number of tines	pcs	5	7	7	9
Tine spacing	cm	60	40	56.5	42.5
Total weight**	kg	1,850-2,200 / 1,950-2,350	1,950-2,350 / 2,250-2,620	2,220-2,600 / 2,520-2,890	2,480-2,860 / 2,800-3,180
Recommended output*	HP	150-180 / 200-250	180-220 / 220-280	200-260 / 250-300	220-300 / 280-350

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

## TERRALAND is a two-in-one machine: a chisel plough and a professional subsoiler

The TERRALAND TN, TN\_PROFI and TO chisel ploughs provide customers with an option to use the machine differently during the year or in relation to the current weather changes thanks to an easy replacement of the working parts.



### ACTIVE-MIX TINES: DEEP CULTIVATION WITH APPLICATION OF NUTRIENTS INTO THE SOIL PROFILE

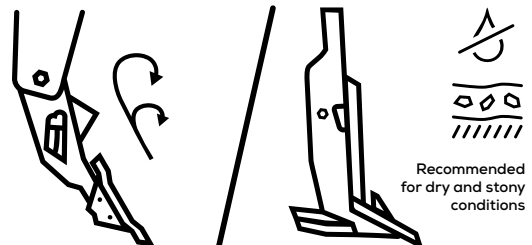
Active-Mix tines disrupt hardened layers, enrich soil with air and promote the moisture regime. The work of the chisel plough can be seen on the soil surface when the soil profile is deeply loosened, intensively mixed, and the soil surface is levelled, all in a single pass. Fertiliser (N, P, K, Mg, S) is applied directly behind the TERRALAND tines from the fertiliser hopper (FERTI-BOX, FERTI-CART, COMBO SYSTEM) at the pre-set soil profile depth. The combination of in-depth cultivation and basic fertilisation into soil creates a favourable soil environment for the growth of a corresponding rich root system that nourishes the above-ground part of the plant intensively and efficiently.

### ZERO-MIX TINES: PROFESSIONAL SUBSOILER WITH CUTPACK

The TERRALAND frame can be equipped with special Zero-Mix tines, with a negative angle, and the heavy steel Cutpack for subsoiling without active mixing of soil. This operation is suitable for disrupting hardened soil layers, aerating the soil profile, and creating a proper soil environment.



### 2 IN 1 - ACTIVE / ZERO MIX READY



### SMART AGRONOMICAL SOLUTION

#### TERRALAND TN

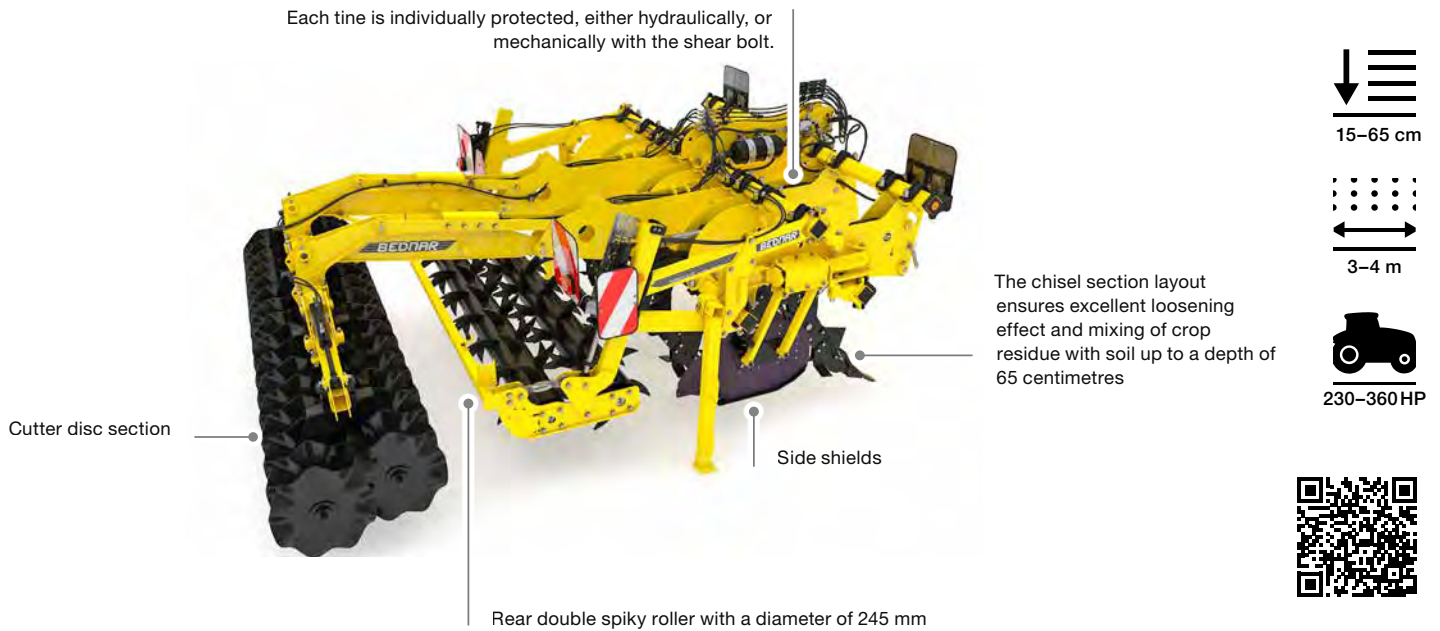
		TN 3000 H M5R	TN 3000 H M7R	TN 3000 H D7R	TN 4000 H M9R	TN 4000 H D9R	TN 4000 H D9
Working width	m	3	3	3	4	4	4.2
Transport width	m	3	3	3	4	4	3
Transport length	m	3.1	3.1	3.1	3.1	3.1	3.9
Working depth*	cm	15–55	15–55	15–65	15–55	15–65	15–65
Number of tines	pcs	5	7	7	9	9	9
Tine spacing	cm	42.5	40	40	42.5	42.5	45
Total weight**	kg	1,800–2,150	2,625–2,980	2,700–3,080	3,360–3,760	3,470–3,850	3,670–4,200
Recommended output*	HP	150–180	180–220	220–280	220–300	280–350	280–350

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



## A mounted chisel plough with an additional cutter disc section

The TERRALAND TN\_PROFI chisel plough is a machine for deep soil cultivation up to a depth of 65 centimetres. When compared with the TERRALAND TN model, the TN\_PROFI model includes two rows of cutter discs mounted behind the rear spiky rollers. In one pass, this machine can effectively loosen, mix crop residue, crumble clods and prepare an ideal soil structure for seeding. The exchangeable working parts make it easy to adjust the machine for deep loosening or subsoiling without active mixing of soil.



### TERRALAND TN\_PROFI

		TN 3000 PROFI D7R	TN 3000 H PROFI D7R	TN 4000 H PROFI D7R	TN 4000 PROFI D9R	TN 4000 H PROFI D9R
Working width	m	3	3	4	4	4
Transport width	m	3	3	4	4	4
Transport length	m	3	3.1	3.1	3	3.1
Working depth*	cm	15–65	15–65	15–65	15–65	15–65
Number of tines	pcs	7	7	7	9	9
Tine spacing	cm	40	40	56.5	42.5	42.5
Total weight**	kg	3,400–3,600	4,150–4,500	4,350–4,700	4,150–4,350	4,700–5,050
Recommended output*	HP	230–290	230–290	230–290	290–360	290–360

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

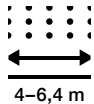
# TERRALAND TO

## A semi-mounted chisel plough for deep soil cultivation up to 55 centimetres

TERRALAND TO is a semi-mounted chisel plough for deep soil cultivation up to 55 centimetres. The exchangeable working parts make it easy to adjust the machine for deep loosening or subsoiling without active mixing of soil. The integrated transport axle installed between two rows of tines enables the TERRALAND TO chisel plough to also work without the rear packers (e.g., when cultivating heavy and wet soils in the autumn).



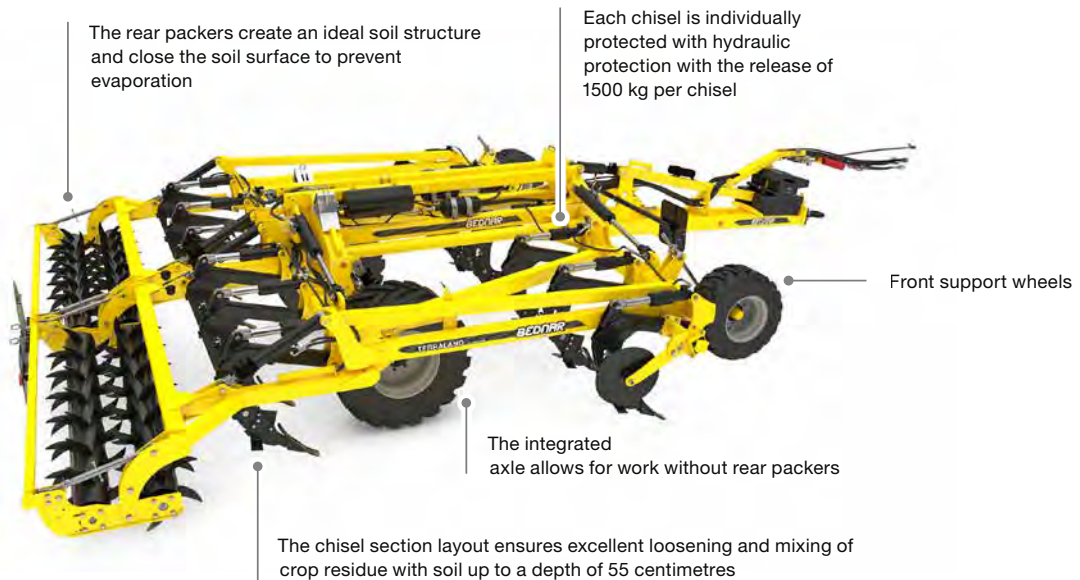
15–55 cm



4–6,4 m



320–620 HP



### TERRALAND TO

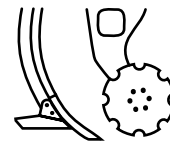
		TO 4000 HM	TO 5000 HM	TO 6000 HM	TO 6000+ HM
Working width	m	4	5	6	6.4
Transport width	m	3	3	3	3
Transport length	m	8.6	8.6	8.6	8.6
Working depth*	cm	15–55	15–55	15–55	15–55
Number of tines	pcs	9	11	13	15
Tine spacing	cm	43	43	43	43
Total weight**	kg	8,460	9,150	9,710	9,710
Recommended output*	HP	320–380	400–500	500–620	500–620

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



# TERRALAND DO

combined chisel plough



TERRALAND DO is a combined chisel plough suitable for processing large quantities of crop residue after harvest. The efficient combination of a disc and chisel section guarantees quality mixing and loosening up to 45 cm.

## MAIN ADVANTAGES

### A large disc diameter, quality cultivation

The TERRALAND DO combined chisel plough is designed for processing large quantities of crop residue. TERRALAND DO is fitted with two rows of large serrated discs with a diameter of 690 × 6 mm with independent mounting and AUTO-RESET system with a release force of 270 kg.



### One frame, two equipment options

Exchangeable equipment is available for TERRALAND DO machines. The standard equipment includes ACTIVE-MIX tines for deep loosening and disruption of hardened layers. It can be equipped with special ZERO-MIX tines with a negative angle for subsoil tillage without active mixing of soil.



### A wide range of chisels and wings

The TERRALAND DO combined chisel plough can be equipped with four types of chisels, which let you adjust the machine for deep loosening or shallow stubble ploughing after harvest. You can choose from chisels with a width of 80 and 60 mm, or LONG LIFE chisels with a width of 80 and 40 mm, fitted with carbide plates for higher durability.



## INTEGRATED AXLE

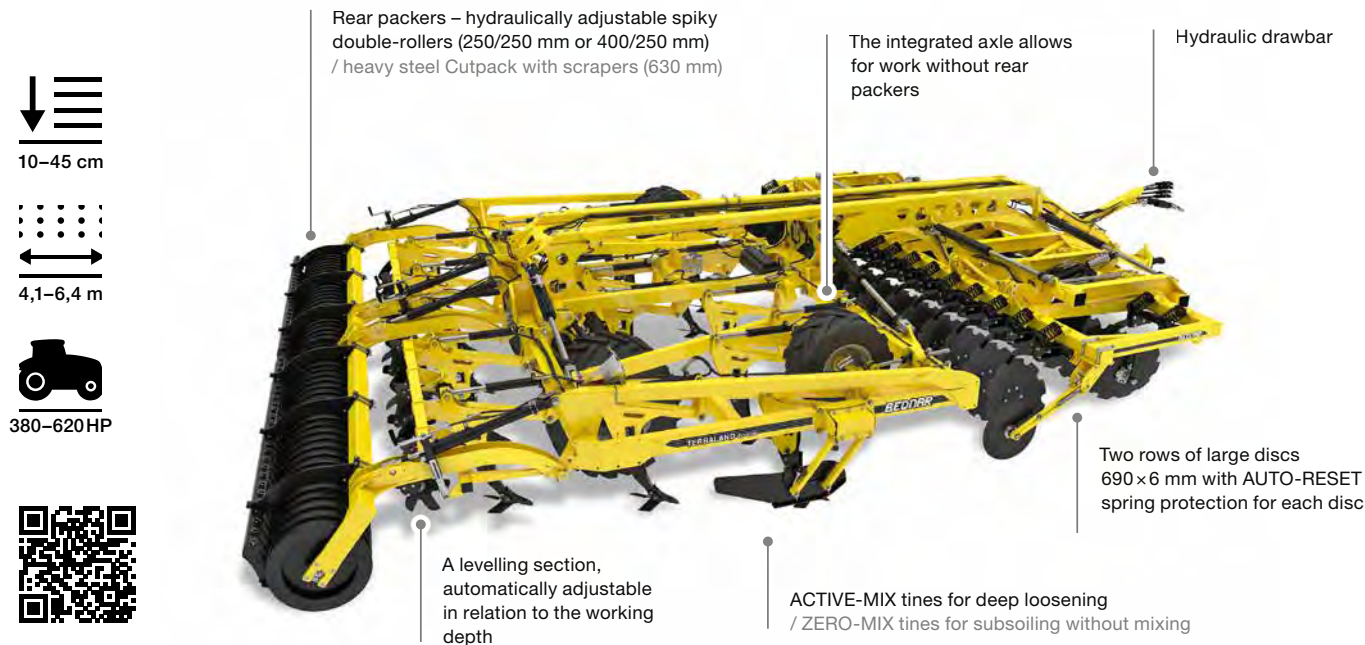
The integrated axle and tines installed behind the axle make it possible to use the combined TERRALAND DO chisel plough in wet conditions as the machine can work without the rear packers.



# TERRALAND DO

## A combined cultivator for deep soil cultivation up to 45 centimetres

TERRALAND DO is a robust combined (disc-chisel) machine that is able to cut and process large quantities of crop residue in one pass, and mix it with loosened soil up to a depth of 45 cm. The integrated axle and tines installed behind the axle make it possible to use TERRALAND DO in wet conditions as well.



### TERRALAND DO

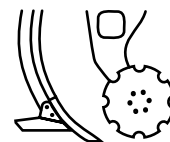
		DO 4000	DO 5000	DO 6500
Working width	m	4.1	4.9	6.4
Transport width	m	3	3	3
Transport length	m	10.2	10.2	10.7
Chisel section working depth*	cm	10–45	10–45	10–45
Disc section working depth*	cm	6–18	6–18	6–18
Number of discs	pcs	26	32	40
Number of tines	pcs	11	13	17
Tine spacing	cm	37.5	37.5	37.5
Total weight**	kg	10,220	10,710	13,000
Recommended output*	HP	380–430	430–530	530–620

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



# ACTROS RO

combined cultivator



ACTROS RO is a combined disc-chisel machine, suitable for quality cultivation of fields with large quantities of crop residue thanks to the large disc diameter of 690 × 6 mm.

## MAIN ADVANTAGES

### Two operations, one pass

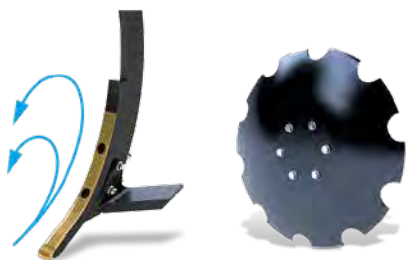
The efficient combination of a disc and chisel section provides two operations in one pass. The high machine clearance, and the spacing of the individual discs and chisels are modified for incorporation of large quantities of organic matter in the form of catch crop, crop residue, or manure.

### The largest disc diameter in this category

The ACTROS RO combined cultivator is especially designed for processing large quantities of crop residue, for example, after corn for grain. The ACTROS RO cultivator is equipped with two rows of large serrated discs with a diameter of 690 × 6 mm which provide excellent cutting and incorporation of crop residue up to a depth of 18 cm.

### Integrated axle

The integrated axle and tines installed behind the axle make it possible to use the combined ACTROS RO cultivator in wet conditions as the machine can work without the rear packers in extreme conditions.



## EASY HYDRAULIC CONTROL

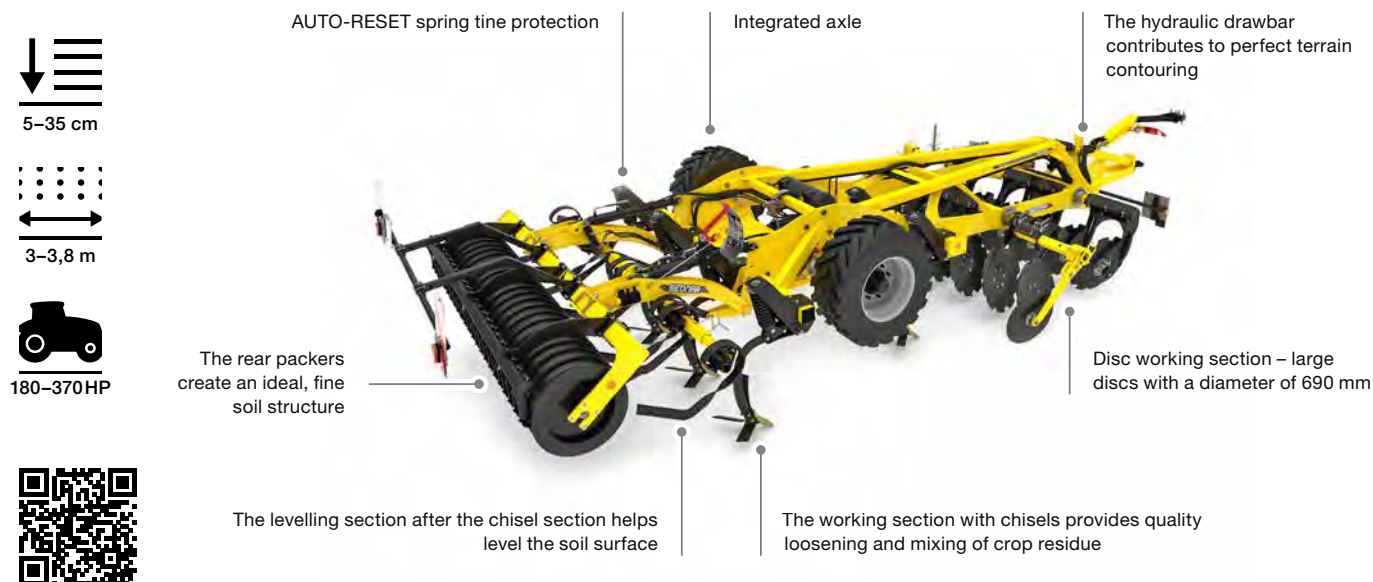
Depending on the required depth, it is necessary to insert the required number of hydroclips on the hydraulic cylinders.



# ACTROS RO

## A combined cultivator for deep soil cultivation up to 35 centimetres

The ACTROS RO is a combined cultivator that provides two operations in one pass. The two front rows of discs with a large diameter of 690 × 6 mm provide excellent cutting and mixing of crop residue with soil, and the two rows of tines ensure intense loosening up to a depth of 35 centimetres. The whole soil cultivation process is completed with final levelling and surface consolidation.



### ACTROS RO

		RO 3000	RO 4000	RO 4000 R
Working width	m	3.0	3.8	3.8
Transport width	m	3	3	4
Transport length	m	8.5	9.7	9.2
Chisel section working depth*	cm	5–35	5–35	5–35
Disc section working depth*	cm	6–18	6–18	6–18
Number of discs	pcs	14	18	18
Number of tines	pcs	7	9	9
Tine spacing	cm	43	43	43
Total weight**	kg	5,770	8,780	6,740
Recommended output*	HP	180–300	200–370	200–370

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



# VERSATILL

universal cultivators



VERSATILL is a universal cultivator that can be used for intense stubble cultivation, shallow loosening or seedbed cultivation.

## MAIN ADVANTAGES

### Simple or reinforced tine

As standard, VERSATILL VN\_L and VO\_L cultivators are equipped with tines suitable for lighter soils. In case of heavier soils or intense use of the machine for shallow stubble cultivation up to 10 cm, we recommend using the reinforced tines with a double spring.



### Front equipment

Expand its application and quality of work! The VERSATILL VO\_PROFI and VERSATILL VO\_L can be equipped with the front Crushbar levelling bar that breaks the coarse furrow, or Trash Cutter for excellent crop residue cutting. Mounted VERSATILL VN\_L models can be equipped with the front Crushbar levelling bar.



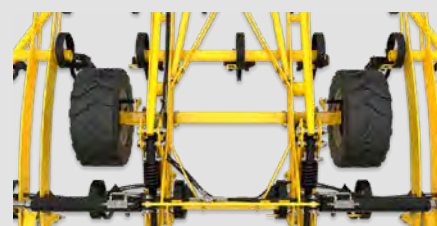
### Three-row tine harrow

VERSATILL VN\_L and VO\_L can be equipped with a three-row harrow instead of rear packers. It is an interesting piece of equipment, suitable for early spring soil opening or mechanical weeding in summer.



## A SMART MACHINE DESIGN

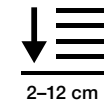
The rear packers can get clogged, especially when working in extreme conditions in autumn. When compared with other machines with a similar design, the VERSATILL VO\_PROFI and VO\_L cultivator offers the option to work without the rear packers, which can be easily disconnected.



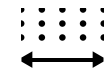
# VERSATILL VN\_L

## A mounted cultivator for shallow soil cultivation after harvest and seedbed preparation.

VERSATILL VN\_L is a universal, light cultivator designed primarily for seedbed cultivation. VERSATILL VN\_L can also be used for shallow stubble cultivation after harvest in a depth of up to 10 centimetres, namely in lighter soils. The cultivator can be equipped with a rear, three-row tine harrow for crop residue management.



2–12 cm



4,05–5,85 m



100–200HP



Various types of rear equipment (packers, three-row tine harrow) to adjust the machine to the operation

ALFA DRILL 400 seeding unit

Three-point hitch

Front Crushbar levelling bar

Four rows of working tines for intense soil cultivation

Levelling section that level surface in front of the packer



### VERSATILL VN\_L

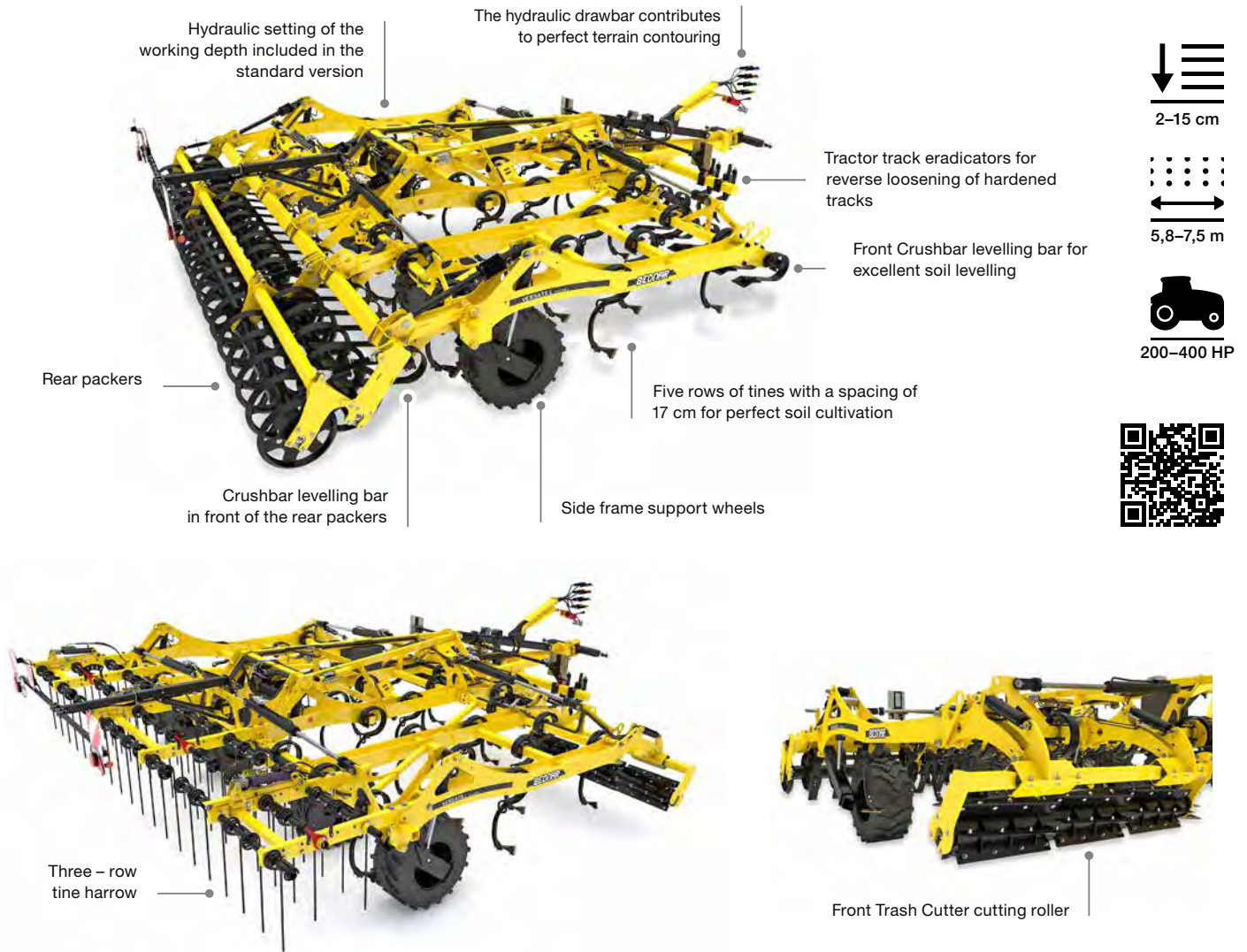
		VN 4000 L	VN 5000 L	VN 6000 L
Working width	m	4.05	4.95	5.85
Transport width	m	3	3	3
Transport length	m	2.9	2.9	2.9
Working depth*	cm	2–12	2–12	2–12
Number of tines	pcs	27	33	39
Tine spacing	cm	15	15	15
Total weight**	kg	1,700	1,950	2,200
Recommended output*	HP	100–120	120–160	160–200

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



## A semi-mounted cultivator for shallow soil cultivation and seedbed preparation

The VERSATILL VO\_L is a semi-mounted cultivator designed for seedbed cultivation, also in conditions with large quantities of crop residue thanks to the high spacing between the individual tines. The low weight of the machine makes it ideal for early spring soil cultivation. The machine can be equipped with a three-row harrow instead of the rear packers.



### VERSATILL VO\_L

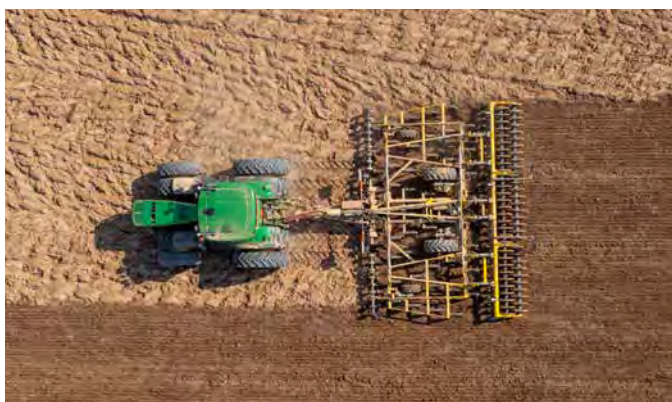
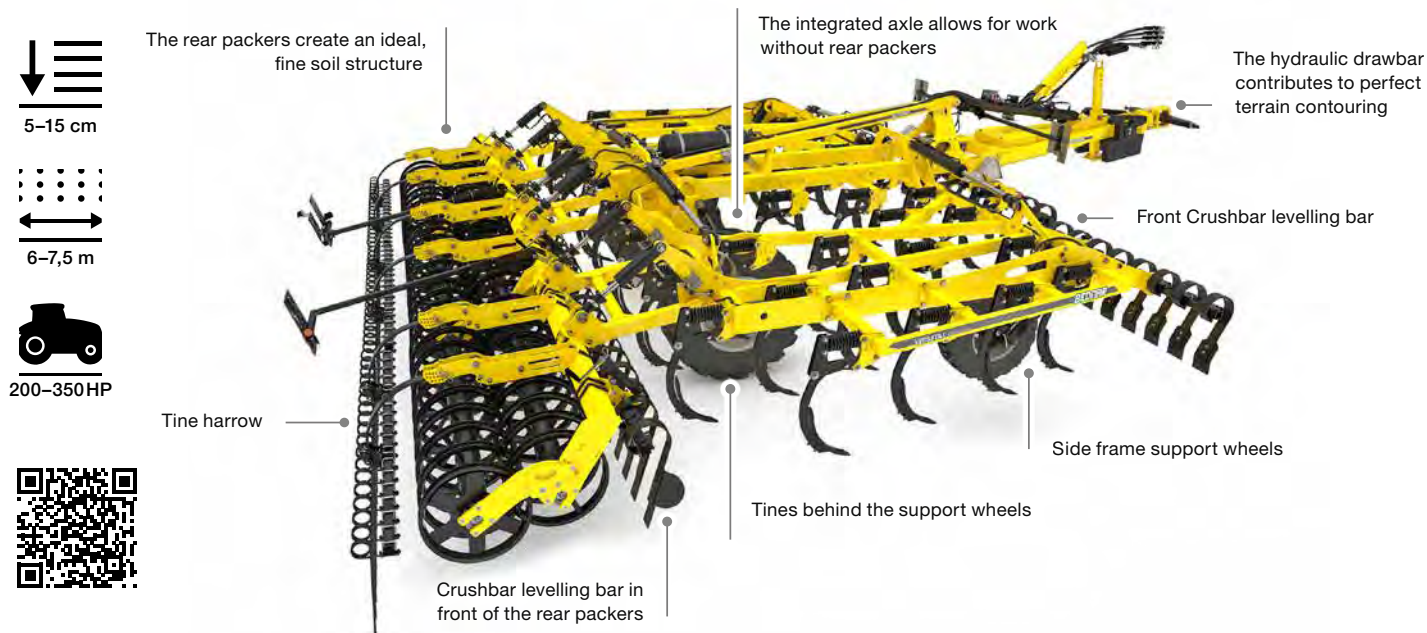
		VO 6000 L	VO 7500 L
Working width	m	5.8	7.5
Transport width	m	3	3
Transport length	m	7.3	7.3
Working depth*	cm	15	15
Number of tines	pcs	33	44
Tine spacing	cm	17	17
Total weight**	kg	2,780–6,530	3,100–7,310
Recommended output*	HP	200–350	250–400

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

# VERSATILL VO\_PROFI

## A universal tine cultivator for shallow soil cultivation and seedbed preparation

VERSATILL VO\_PROFI is a highly universal cultivator designed for shallow soil cultivation after harvest, or for seedbed preparation. All-area and intense soil cultivation along the entire working width is provided by six rows of working tines. VERSATILL VO\_PROFI has a high frame clearance and high throughput that contributes to trouble-free work when cultivating fields with large quantities of crop residue.



### VERSATILL VO\_PROFI

		VO 6000 PROFI	VO 7500 PROFI
Working width	m	6	7.5
Transport width	m	3	3
Transport length	m	9.1	9.1
Working depth*	cm	15	15
Number of tines	pcs	36	44
Tine spacing	cm	17	17
Total weight**	kg	9,050	10,360
Recommended output*	HP	200–250	250–350

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



# FENIX

universal cultivators



FENIX is a universal cultivator for deep soil cultivation up to 35 centimetres. It can also be used for shallow stubble cultivation after harvest or soil loosening at medium depths.

## MAIN ADVANTAGES

### All-area undercutting, excellent loosening

FENIX FN and FENIX FO cultivators have tines arranged in three rows. The models of the FENIX FO\_PROFI universal cultivator have tines arranged in four rows. This arrangement brings an excellent loosening and mixing effect because the soil is undercut along the entire machine width with subsequent crop residue mixing.

### Many tine securing options

Several types of tine protection are available for the FENIX FO\_PROFI cultivator: Shear bolt protection, double spring AUTO-RESET system (release force of 480 kg) or comfortable hydraulic protection (release force of 550 kg). FENIX FO models are equipped with horizontal spring protection. FENIX FN is available with the robust AUTO-RESET double-spring horizontal protection.

### Four types of working chisels

The FENIX cultivator can be equipped with four types of chisels, which let you adjust the machine for deep loosening or shallow stubble cultivation after harvest. You can choose from chisels with a width of 80 and 60 mm, or LONG LIFE chisels with a width of 80 and 40 mm, fitted with carbide plates for higher durability.



## OPTION TO CHANGE THE WORKING WIDTH

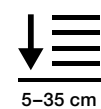
Have you purchased a more powerful tractor, or do you need to adjust the machine width to the tractor power? The FENIX FO\_PROFI models offer the possibility to adjust the working width using the set for assembly of additional side sections that can increase or decrease the working span.



# FENIX FN

## A mounted deep cultivator for deep soil cultivation

FENIX FN is a simple three-row versatile cultivator with a design suitable for small and medium-size farms and it can be used for shallow stubble ploughing after harvest, loosening at medium depth or intense deep soil cultivation throughout the year. The new generation brings a rigid frame design and a new type of robust AUTO-RESET horizontal spring protection.



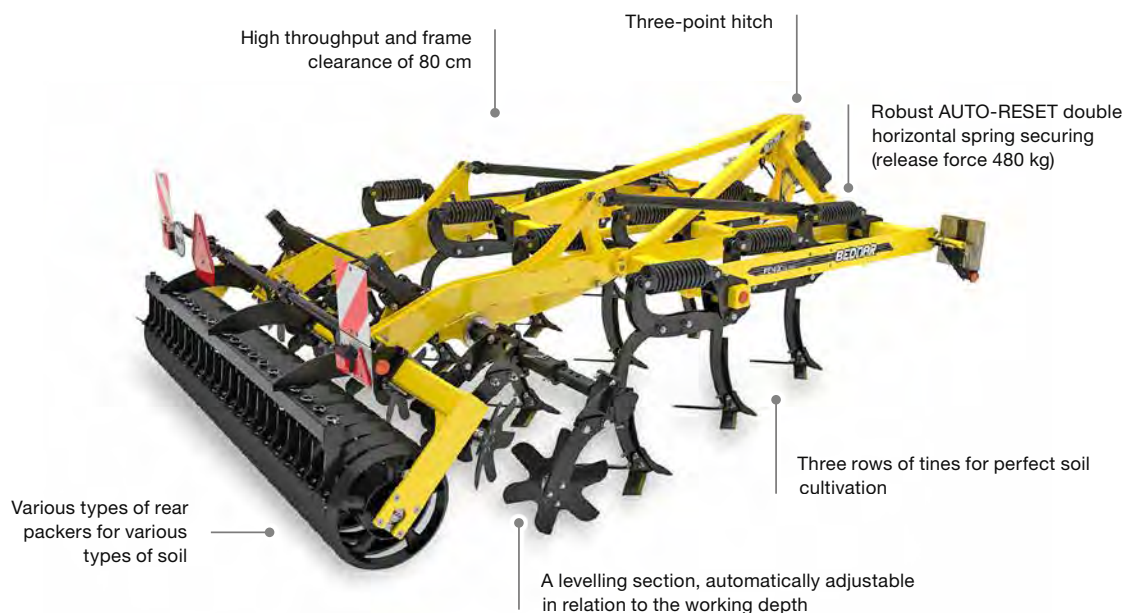
5–35 cm



3–3,5 m



150–240HP



### FENIX FN

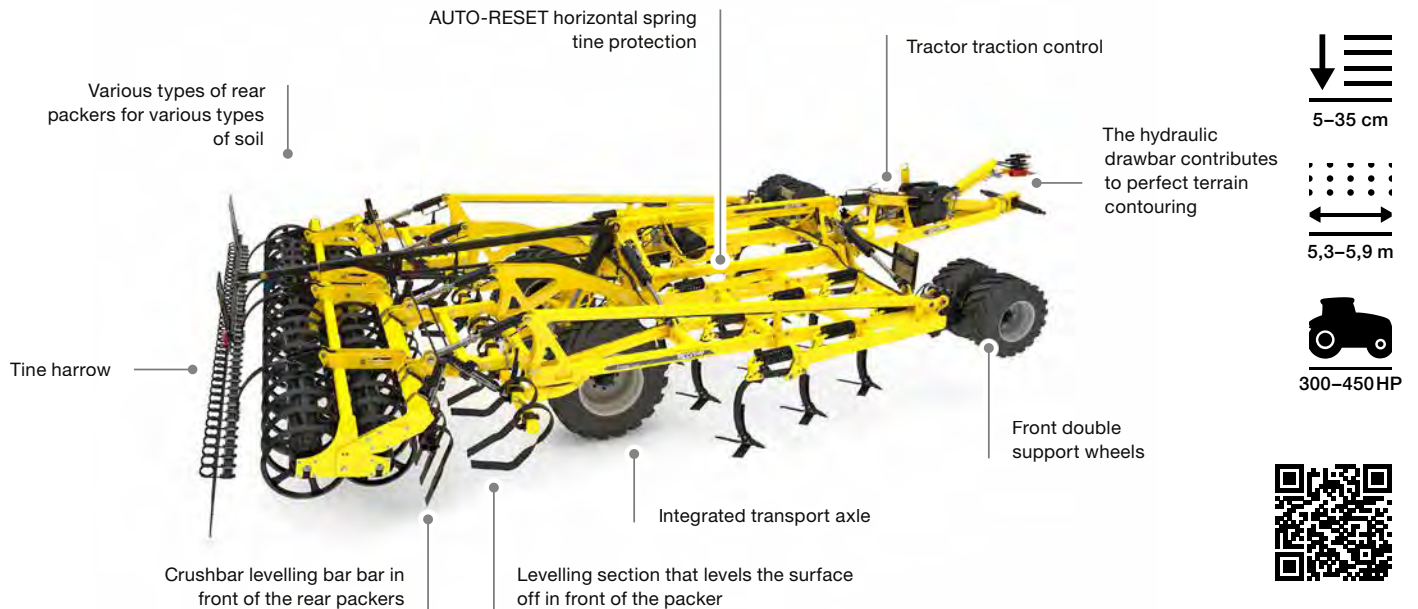
		FN 3000	FN 3500
Working width	m	3	3.5
Transport width	m	3	3.5
Transport length	m	3.9–4.4	3.9–4.4
Working depth*	cm	35	35
Number of shares	pcs	10	12
Tine spacing	cm	31	31
Total weight**	kg	1 854–2 299	2 127–2 643
Recommended output*	HP	150–225	160–240

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



## A semi-mounted cultivator designed for deep soil cultivation

The universal FENIX FO cultivator has three rows of tines providing intense soil mixing up to a depth of 35 centimetres. The high frame clearance in combination with AUTO-RESET horizontal protection of each tine allows working in demanding conditions as well. To achieve optimal properties of the towing vehicles, FENIX FO is equipped with a traction control of the tractor rear axle.



### FENIX FO

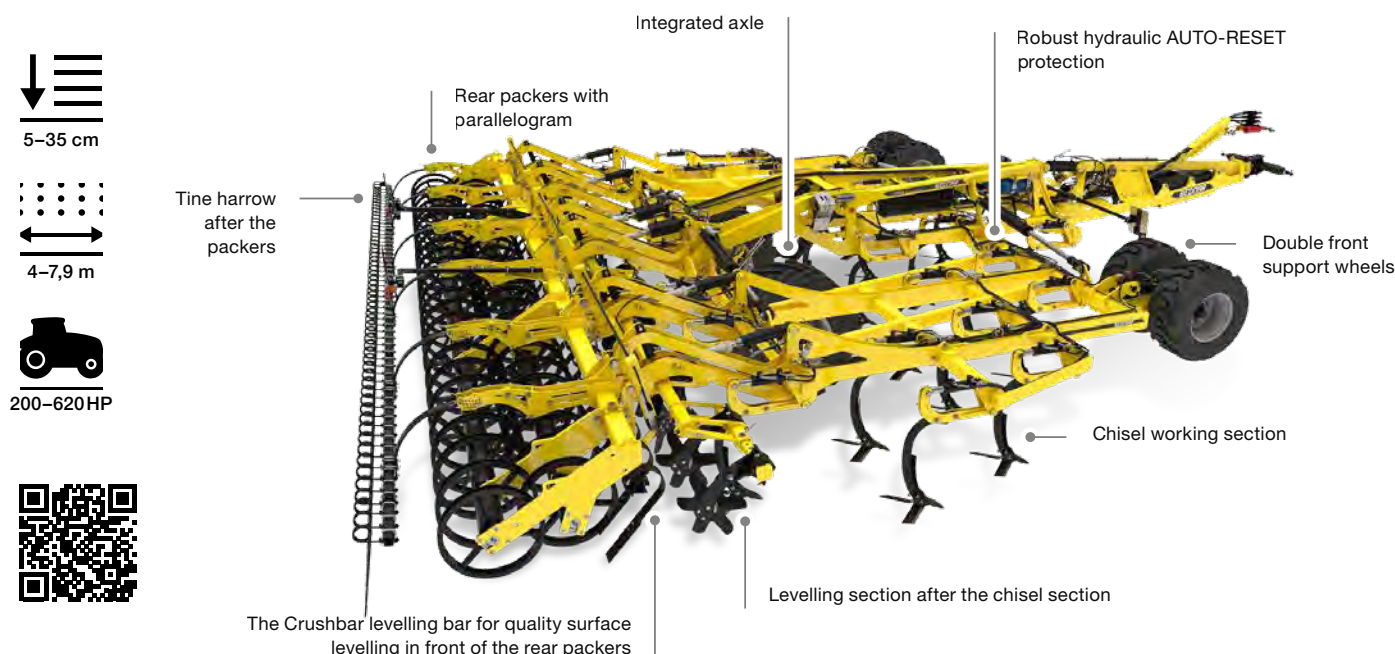
		FO 5003	FO 6003
Working width	m	5.3	5.9
Transport width	m	3	3
Transport length	m	9	9
Working depth*	cm	5–35	5–35
Number of shares	pcs	17	19
Tine spacing	cm	31	31
Total weight**	kg	8,880	9,030
Recommended output*	HP	300–350	350–450

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

# FENIX FO\_PROFI

## A chisel cultivator designed for intense shallow and deep soil cultivation

The FENIX FO\_PROFI deep cultivator is a new generation of cultivators for intense shallow soil cultivation after harvest, as well as in-depth cultivation of up to 35 centimetres prior to crop establishment. The FENIX FO\_PROFI semi-mounted cultivator has tines arranged into four rows in the shape of an arrow. The well-thought-out design reduces tractive resistance and tractor output demands. The FENIX FO\_PROFI models offer the possibility to adjust the working width using the set for assembly of additional side sections.



## FENIX FO\_PROFI

		FO 4004 PROFI	FO 5004 PROFI	FO 6004 PROFI	FO 8004 PROFI
Working width	m	4	5.2	6.7	7.9
Transport width	m	3	3	3	3
Transport length	m	9.8	9.8	9.8	9.8
Working depth*	cm	5–35	5–35	5–35	5–35
Number of shares	pcs	13	17	23	27
Tine spacing	cm	31	31	29.5	29.5
Total weight**	kg	4,810–8,310	5,480–9,370	6,930–11,890	7,510–12,760
Recommended output*	HP	200–300	300–350	350–450	400–620

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





# SWIFTER

seedbed cultivators



SWIFTER is a traditional seedbed cultivator that combines all operations required to create the perfect seedbed, even in coarse furrow, into one pass at high speed.

## MAIN ADVANTAGES

### 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

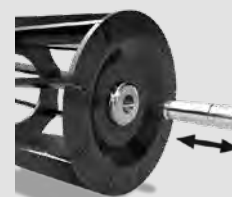
The front hydraulic Crushbar levelling bar allows the operator to ideally adjust the working angle of the levelling bar according to the field conditions in the comfort of the cabin. When compared with a mechanical levelling bar, it is possible to achieve savings of up to 1 litre of Diesel per hectare.



## SLATTED ROLLER WITH A REPLACEABLE PIN

The slatted 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 slatted roller, but only the pin.

*\*The slatted roller with a replaceable pin is only available for the SWIFTER SM, SE and SO\_PROFI models.*





# SWIFTER SN

soil cultivation

## A mounted seedbed cultivator for seedbed preparation in one pass

SWIFTER SN is a mounted seedbed cultivator that combines up to seven operations in one pass. The effective combination of working parts provides intense levelling, mixing, clod crumbling and final field surface levelling. Exchangeable working sections guarantee easy machine adjustment to the crop or soil conditions.

The working section comes in three different arrangements  
(2 rows of shares / 4 rows of gamma points / 4 rows of SB shares)

Easy connection to the  
three-point hitch of the tractor

Front crumbling  
roller provides  
initial crumbling  
of larger soil  
particles and  
clods

Rear equipment

The single-row crosskill roller  
contributes to perfect clod crumbling

2-12 cm

3-5 m

90-200HP



## SWIFTER SN

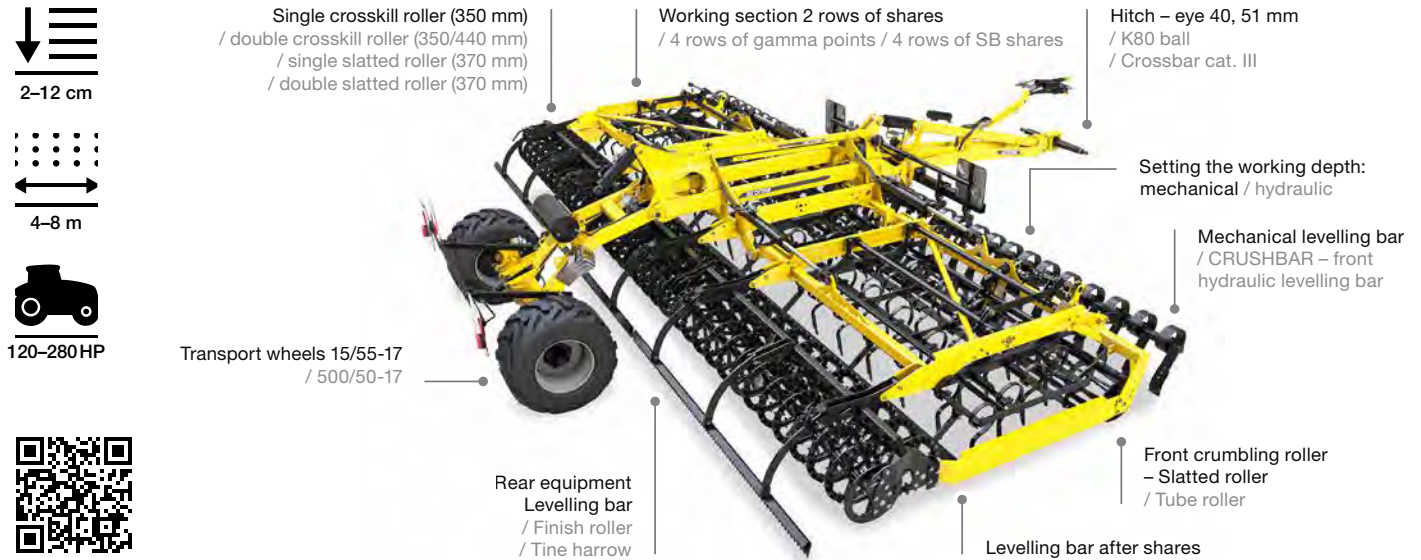
		SN 3000	SN 4000	SN 4000 R	SN 5000
Working width	m	3	4	4	5
Transport width	m	3	2.3	4	2.5
Transport length	m	2.7	3.1	2.9	3.1
Working depth*	cm	2-12	2-12	2-12	2-12
Number of shares	pcs	12	16	16	20
Number of shares (SB-section)	pcs	22	28	28	36
Number of gamma points	pcs	28	40	40	48
Total weight**	kg	1,080-1,410	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

## A well-proven seedbed cultivator for seedbed preparation in one pass

SWIFTER SO\_F is a trailed seedbed cultivator that combines up to eight operations in one pass. The SWIFTER SO\_F seedbed cultivator is suitable for both traditional and minimization soil cultivation systems. The effective combination of working parts provides intense levelling, mixing, clod crumbling and final field surface levelling. Exchangeable working sections guarantee easy machine adjustment to the crop or soil conditions.



## 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 points	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

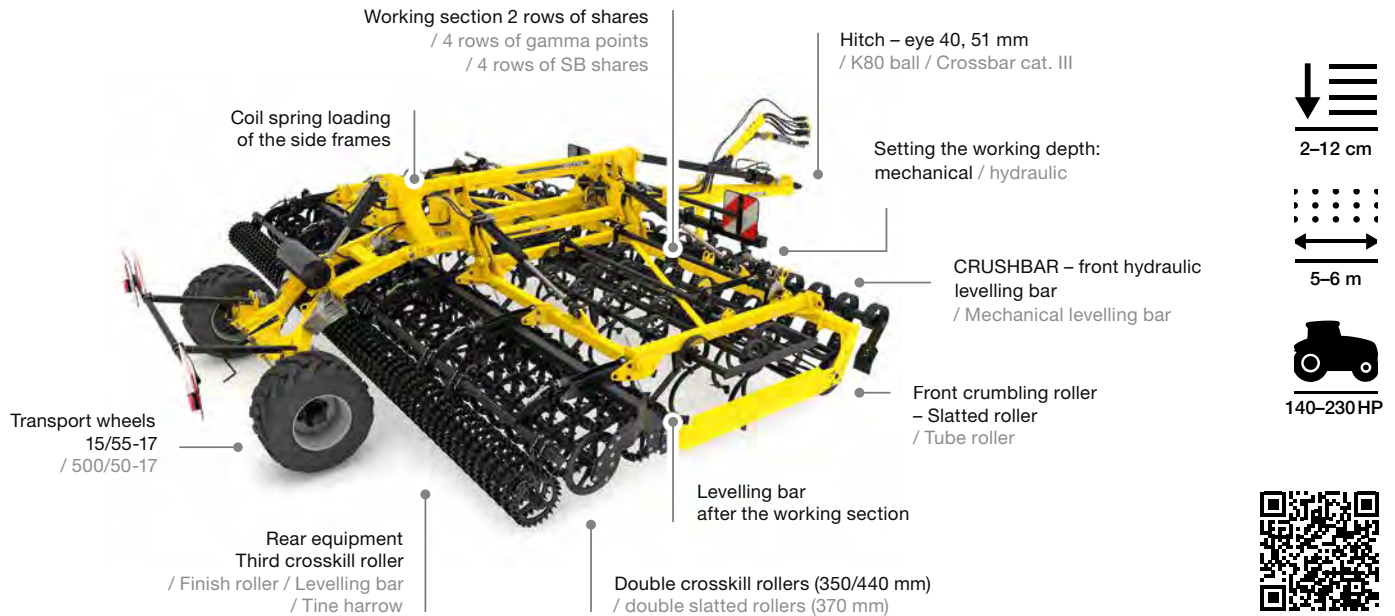


# SWIFTER SO\_PROFI

soil cultivation

## A professional seedbed cultivator for seedbed preparation in one pass

SWIFTER SO\_PROFI is a modern seedbed cultivator that is able to prepare the field in one pass, thanks to the combination of up to eight operations in one pass. The innovative design of side frame spring-loading lets you work with the cultivator at higher speed, achieving a better crumbling and levelling effect. Exchangeable working sections guarantee easy machine adjustment to the crop or soil conditions.



## SWIFTER SO\_PROFI

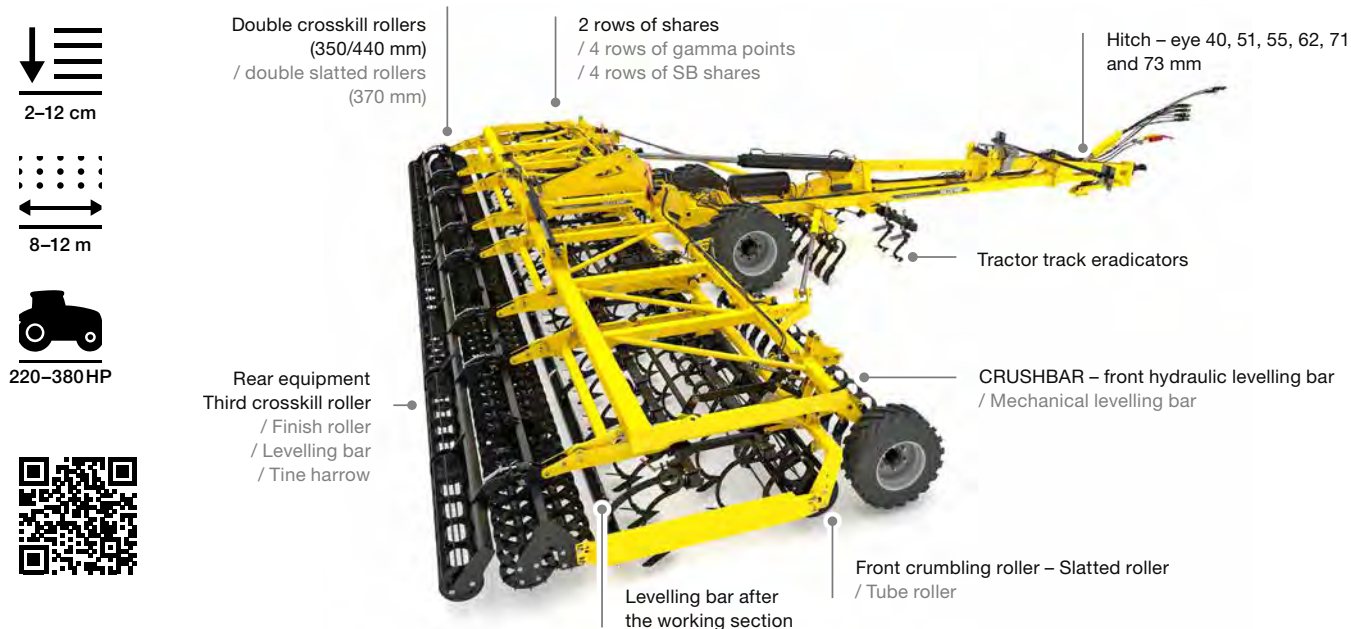
		SO 5000 PROFI	SO 6000 PROFI
Working width	m	5	6
Transport width	m	3	3
Transport length	m	8	8
Working depth*	cm	2–12	2–12
Number of shares	pcs	20	24
Number of shares (SB-section)	pcs	37	45
Number of gamma points	pcs	46	55
Total weight**	kg	6,330	6,880
Recommended output*	HP	140–200	160–230

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

# SWIFTER SE

## A wide seedbed cultivator for seedbed preparation in one pass

SWIFTER SE is a wide seedbed cultivator designed for high daily outputs. Exchangeable working sections guarantee easy machine adjustment to the crop or soil conditions. An advantage of SWIFTER SE is the independent suspension of the working sections for perfect terrain contouring. Safe transport of the machine, even with the width of 12 metres, is ensured by folding the side frames forward to the drawbar.



### SWIFTER SE

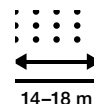
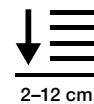
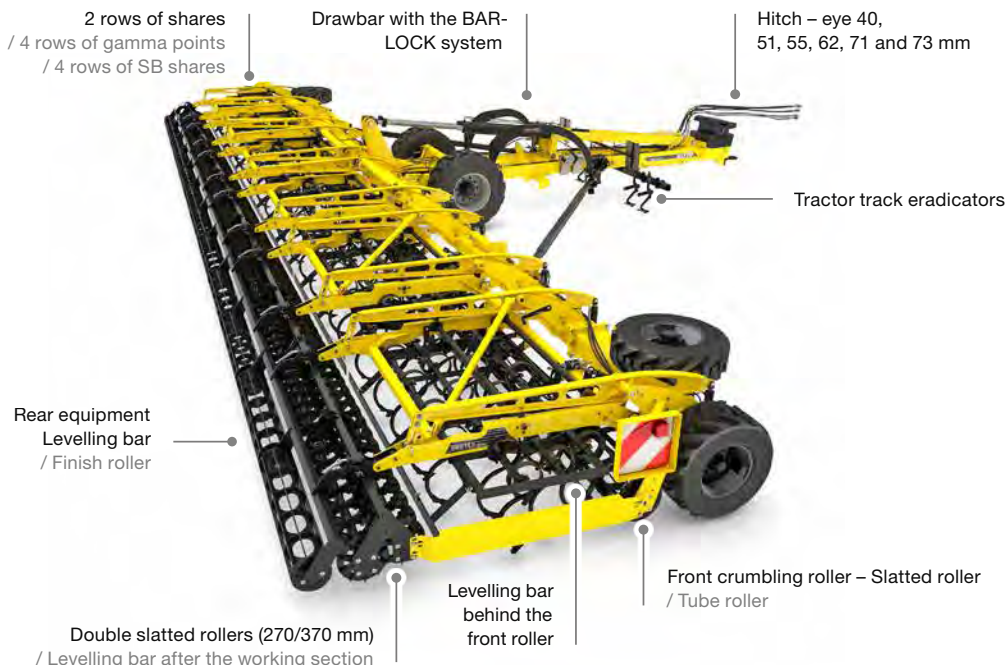
		SE 8000	SE 10000	SE 12000
Working width	m	8	10	12
Transport width	m	3	3	3
Transport length	m	6.9	7.5	8.6
Working depth*	cm	2–12	2–12	2–12
Number of shares	pcs	32	40	48
Number of shares (SB-section)	pcs	63	76	88
Number of gamma points	pcs	80	96	113
Total weight**	kg	9,160	11,000	11,800
Recommended output*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

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



## A wide seedbed cultivator for seedbed preparation in one pass

SWIFTER SM is a wide working width, trailed seedbed cultivator that prepares quality seedbed in one pass. The independent suspension of the working sections contributes to perfect terrain contouring, even at such widths. The transport, as well as folding and unfolding the machine are very easy and safe thanks to the BAR-LOCK system. SWIFTER SM does not exceed the permitted transport width and height even with the working span of 18 metres.



### 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 points	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

# KATOR

power harrow



KATOR KN is a power harrow with active working parts. It is ideal for seedbed cultivation in heavy, hard and dry soils, and soils that are difficult to cultivate.

## MAIN ADVANTAGES

### Unique three-to-one design

Each rotor is mounted using three precise bearings, one above and two below the gearwheel. The individual shafts of the rotors are thus mostly surrounded by bearings. The bottom pair of the bearing provides rotor mounting with minimum clearance and maximum stability. This unique system ensures long service life and maximum sealing of the gearbox.



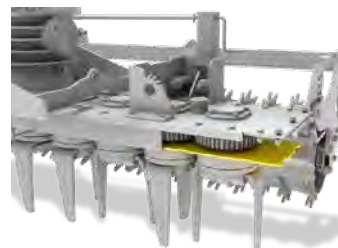
### A large number of rotors per meter of the working width

The excellent crumbling and mixing effect is a precondition of quality work of the power harrow. The BEDNAR KATOR KN rotary harrow offers a higher number of rotors per metre of the working width than competitive manufacturers. The smaller rotor diameter in combination with a high circumferential speed also contributes to better work quality.



### Robust gearbox frame

The robust gearbox frame is one of the main parts of the rotary harrow. When compared with the standard competitive machines within the 0.6–10 mm range, the standard KATOR KN power harrow has a profile of 12 mm. This technical design contributes to the high resistance of the frame to a potential deformation.



## QUICK BLADE REPLACEMENT

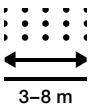
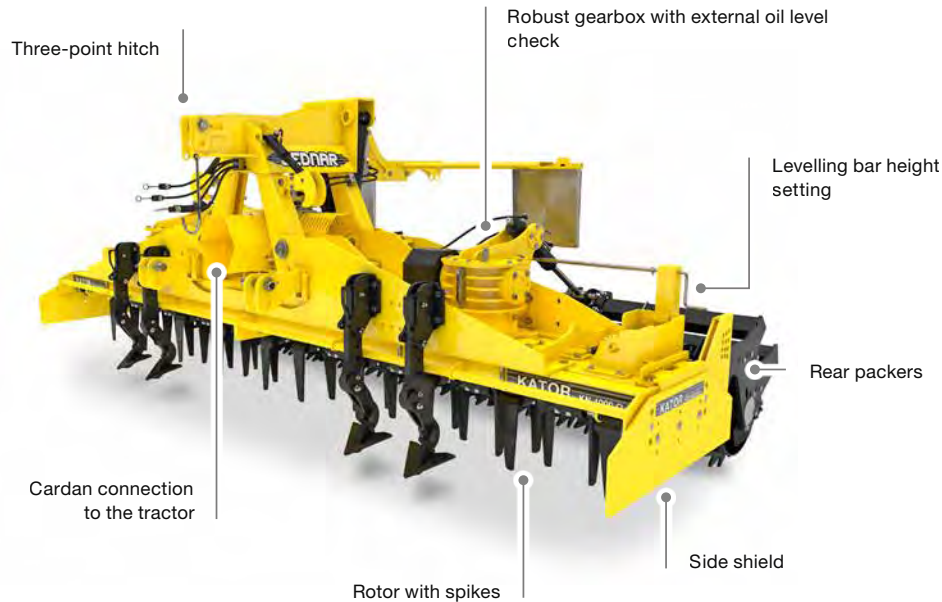
On request, the individual power harrow models can be equipped with the quick-change system. It is a system for a quick and easy blade replacement. Just pull out the cotter, remove the pin and replace the blade. It is a system designed to be used without any special tools and equipment.





## Power harrow for precise soil cultivation

KATOR KN is a model series of power harrows suitable for quality seedbed preparation in impermeable, hard, dry and heavy soils thanks to the active working parts.



### KATOR KN

		KN3000 / KN3000 Q	KN3500 / KN3500 Q	KN4000R / KN4000RQ	KN 4000 / KN 4000 Q	KN 4500 / KN 4500 Q	KN 5000 / KN 5000 Q	KN 6000 / KN 6000 Q
Working width	m	3	3.5	4	4	4.5	5	6
Transport width	m	3.1	3.7	4.2	2.4	2.4	2.4	2.4
Number of rotors	pcs	12	14	16	18	20	22	26
Shaft RPM	RPM	750/1000	750/1000	750/1000	1,000	1,000	1,000	1000
Rotor RPM	RPM	346/462	346/462	346/462	342	342	342	462
Working depth	cm	25	25	25	25	25	25	25
Total weight**	kg	1,631	1,857	2,058	3,381	3,551	3,739	4,079
Recommended output*	HP	90-250	100-250	110-250	130-300	150-300	150-300	170-350

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

## Optional equipment and accessories

The KATOR KN models can be equipped with mechanical working depth setting, or with comfortable hydraulic setting. As a standard, the KATOR KN\_PROFI rotary harrow is fully hydraulic. The basic version includes protection against stones, and the KN 7000 PROFI and KN 8000 PROFI models also include external gearbox cooling or hybrid rotors.

On request, the machines can be equipped with a transport axle for reducing the load of the tractor three-point hitch, or with the quick-change system for blade replacement.



### TRACTOR TRACK ERADICATORS

On request, the KATOR KN power harrow can be equipped with tractor track eradicators that loosen compacted soil in the tractor tracks. The track cultivators have a shear bolt protection.

The KATOR KN fixed models have one pair of track eradicators. The KN folding models and the KN\_PROFI series offer one or two pairs of track cultivators.

### TRANSPORT AXLE

On request, the KN\_PROFI models can be equipped with a transport axle. The transport axle is especially suitable for aggregation of the rotary harrow with mid-range tractors to ensure safety and stability of the set during transportation. When working, the transport axle is lifted, and when turning at headland, it reduces the load of the tractor.



### AGGREGATION FRAME

The KATOR KN rigid models with a width of 3, 3.5 and 4 metres can be equipped with an aggregation frame with a lifting force of 1200 kg. The working depth of the connected machine is set hydraulically using the aggregation frame.

The aggregation frame is suitable for the combination of the rotary harrow with a seeding bar or another soil cultivator.

## KATOR KN\_PROFI

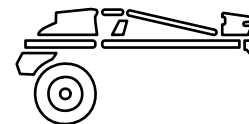
		KN6000/6000QPROFI	KN7000/7000QPROFI	KN8000/8000QPROFI
Working width	m	6	7	8
Transport width	m	2.3	2.3	2.3
Number of rotors	pcs	26	30	36
Shaft RPM	RPM	750/1000	750/1000	750/1000
Rotor RPM	RPM	346/462	346/462	346/462
Working depth	cm	25	25	25
Total weight**	kg	4,689	5,282	5,673
Recommended output*	HP	200–430	250–430	280–430

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



# CADDY / GALAXY

universal carrier and trailed packers



CADDY CD is a universal tool carrier to be aggregated with tractors without the three-point hitch. The GALAXY GE trailed packers are used for quality clod crumbling and back soil profile closure.

## MAIN ADVANTAGES

### High lifting power

The CADDY CD universal carrier is equipped with a three-point hitch, category III, or category IV on request, which enables aggregation with mounted or semi-mounted machines with the maximum weight of 5,000 kg.

### Wide-base tyres

The CADDY CD carrier is equipped with wide-base tyres with a dimension of 14.5/80-18 provide high stability of the machine during transport without swaying. The tyres also ensure safe transport, even at high speed.

### A smart compressing spring

The spring on the shaft continuously exerts pressure on the individual rings and thus prevents slackness. The packers can work many hectares without maintenance, which is usually required to push the rings into the original position.



## CRUSHBAR LEVELLING BAR

The Crushbar is a hydraulically controlled, front levelling board consisting of broad paddles that work on rods made of quality spring steel. The hydraulic control from the tractor cabin allows the operator to quickly change the aggressiveness of work according to the conditions so that the Crushbar levelling bar can create a levelled field.



# CADDY CD

## A universal carrier of semi-mounted and mounted machines

CADDY CD is a versatile tool carrier with the maximum lifting capacity of 5,000 kg, designed for aggregation with tractors without the three-point hitch, or without a sufficient lifting capacity.



### CADDY CD

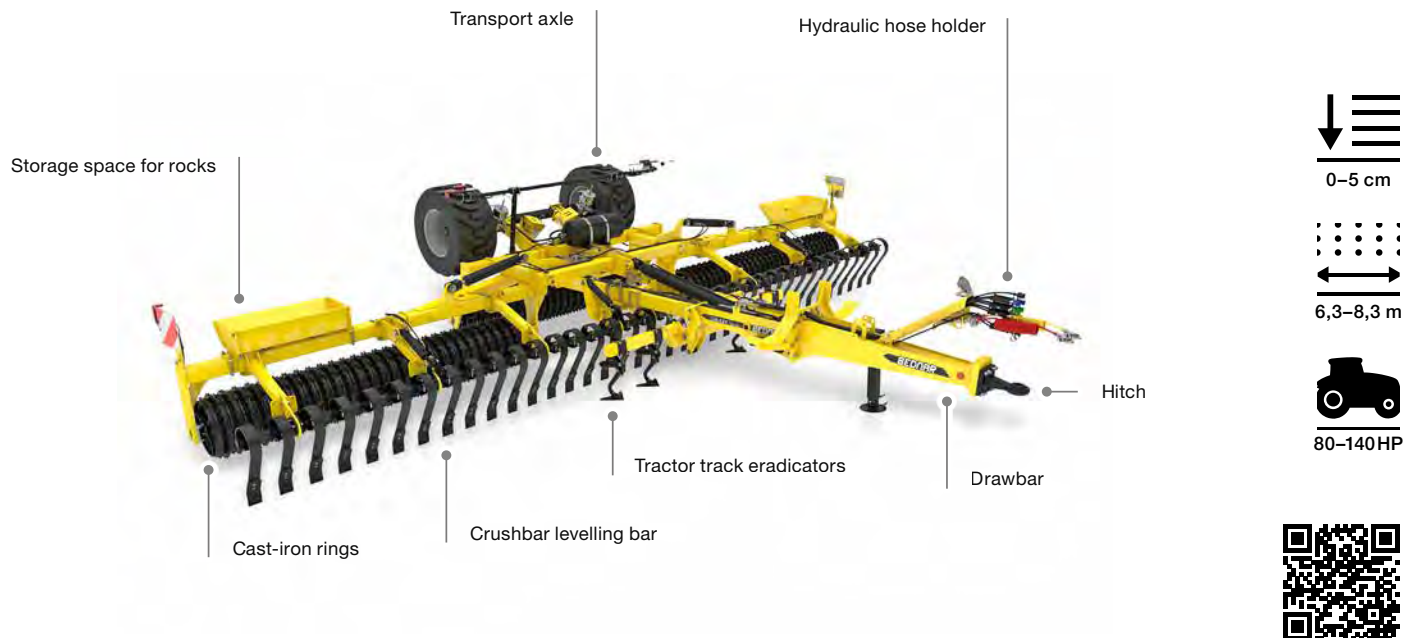
		CD
Transport width	m	2.9
Transport length	m	4.9
Total chassis weight *	kg	2,350
Maximum weight of the mounted machine **	kg	5,000

\* including 700 kg of ballast \*\* depends on the position of the centre of gravity



## Trailed field cambridge packers for a perfectly levelled surface

GALAXY GE is a trailed packer that has a low centre of gravity, high throughput and provides perfect surface contouring. The packers are suitable for clod crumbling and back soil compaction. They also provide quality coarse furrow levelling when combined with the Crushbar front levelling bar.



### GALAXY GE

		GE 6300	GE 8300
Working width	m	6.3	8.3
Transport width	m	2.9	2.9
Transport length	m	5.9	5.9
Packer diameter	mm	500/530	500/530
Number of working sections	pcs	3	3
Recommended output*	HP	80–130	100–150
Total weight**	kg	4,220,–,5,826	5,060,–,6,820

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



# SEEDING AND FERTILISATION



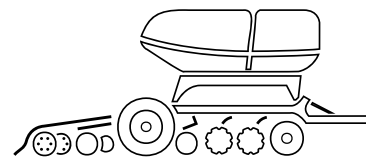






# OMEGA

seed drills



OMEGA is a universal seed drill with a wide range of equipment that can be used for crop establishment in conventional and minimum tillage technologies.

## MAIN ADVANTAGES

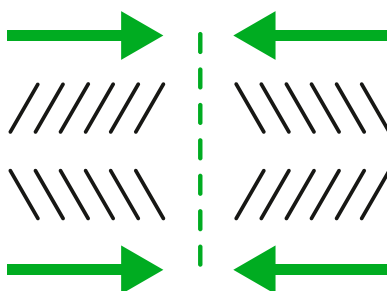
### A wide range of optional equipment

The OMEGA seed drill offers a wide range of optional equipment, such as front equipment (Crushbar levelling bar, rubber-tyred Frontpack, or their combination) or coulters section: PROFI/TURBO or FERTI coulters.



### X-PRECISE system of the disc section

The technical design when discs are arranged in the shape of X provides precise guidance of the machine in the tractor tracks. This design prevents side drifting of the machine and enables full utilization of the entire working span of the seed drill.



### Drill coulters parallelogram

The double-disc drill coulters are attached to the seeding bar frame with a parallelogram. The design provides perfect terrain contouring and even seed placement at the same depth along the entire width of the machine.



## PRESSURISED HOPPER

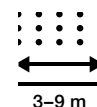
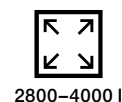
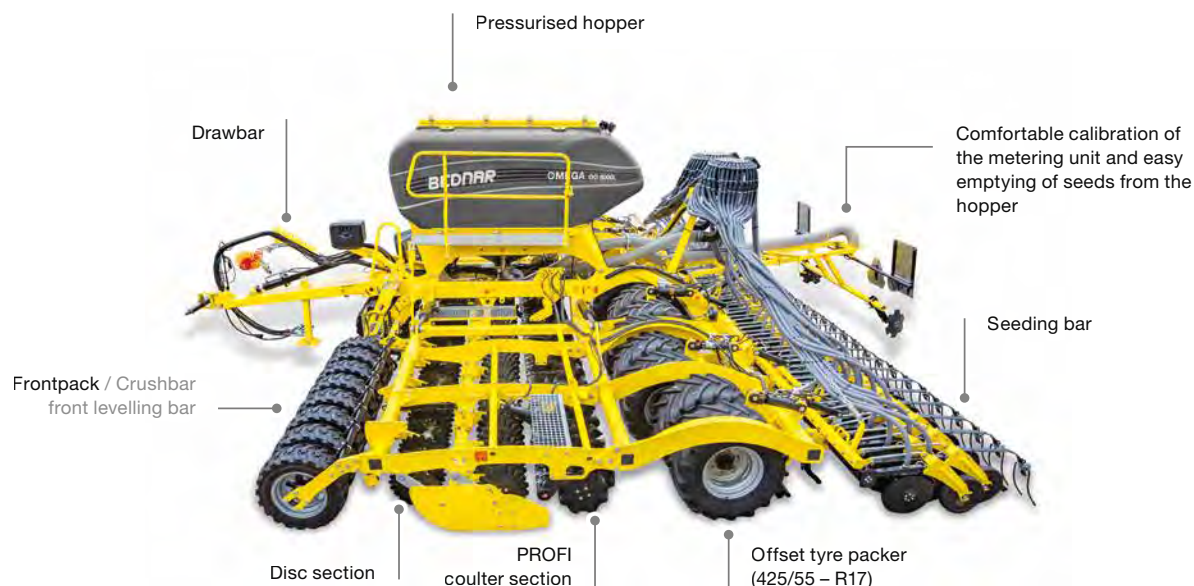
The airtight closure creates overpressure in the hopper. This technical solution increases the quality of both fertiliser and seed batching precision multiple times, even in case of higher batches at higher working speed.





## A universal seed drill with a disc section for soil cultivation

OMEGA OO\_L is a universal seed drill suitable for crop establishment in conventional and minimum tillage technologies. The OMEGA OO\_L seed drill has an outstanding light design, a disc working section, and a wide range of optional equipment, including two inter-row spacing options of 12.5 or 16.7 cm.



## OMEGA OO\_L

		OO 3000 L	OO 4000 L	OO 4000 RL	OO 6000 L	OO 8000 L	OO 9000 L
Working width	m	3	4	4	6	8	9
Transport width	m	3	3	4	3	3	3
Transport length*	m	8.3	8	9.8	8.5	8.8	9.7
Inter-row distance	cm	12.5/16.7	12.5/16.7	12.5/16.7	12.5/16.7	12.5/16.7	12.5/16.7
Number of drill coulters	pcs	24/18	32/24	32/24	48/36	64/48	72/54
Disc spacing in a row	cm	25	25	25	25	25	25
Number of discs	pcs	24	32	32	48	64	72
Disc diameter	cm	46	46	46	46	46	46
Hopper volume	l	2,800	2,800	2,800	3,500	4,000	4,000
Total weight*	kg	5,920	7,200	6,500	9,300	11,300	12,300
Recommended output**	HP	100–150	100–170	100–170	180–290	290–360	320–400

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

# OMEGA OO\_FL

## A universal seed drill for seeding with fertilisation, or for seeding several types of crop

OMEGA OO\_FL is a universal seed drill. The double-chamber hopper design enables seeding crop together with supplementary fertilisation, or seeding several crops at the same time, such as the main and intermediate crop, all in one pass. The OMEGA OO\_FL seed drill has an outstanding light design, a disc working section, and a wide range of optional equipment, including two inter-row spacing options of 12.5 or 16.7 cm.



### OMEGA OO\_FL

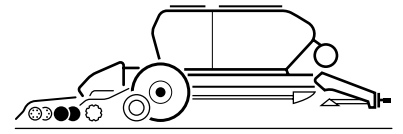
		OO 4000 FL	OO 4000 RFL	OO 6000 FL	OO 8000 FL	OO 9000 FL
Working width	m	4	4	6	8	9
Transport width	m	3	4	3	3	3
Transport length	m	9.2	9.5	9.7	9.7	9.7
Inter-row distance	cm	12.5/16.7	12.5/16.7	12.5/16.7	12.5/16.7	12.5/16.7
Number of drill coulters	pcs	32/24	32/24	48/36	64/48	72/54
Disc spacing in a row	cm	25	25	25	25	25
Number of discs	pcs	32	32	48	64	72
Disc diameter	cm	46	46	46	46	46
Hopper volume (chamber ratio)	l	4,000 (50:50)	4,000 (50:50)	5,000 (40:60)	5,000 (40:60)	5,000 (40:60)
Total weight*	kg	7,400	6,700	9,500	11,500	12,500
Recommended output**	HP	130–180	130–180	200–280	320–400	400–470

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



# DIRECTO

seed drills



DIRECTO NO is a seed drill that can be used for establishing main crops and catch crops using the direct drill technology. The large inter-row distance guarantees quality work, even in conditions with high quantities of organic matter.

## MAIN ADVANTAGES

### ALFA DRILL seeding unit

The ALFA DRILL seeding unit can be mounted to DIRECTO NO for concurrent establishment of three crops or for applying microgranulate. The seeding unit has a capacity of 400 litres.



### Drill coulters with high down pressure

The patented disc drill coulters deposit the seed into an identical depth across the entire machine width and perfectly contours the uneven terrain in both longitudinal and lateral direction. The high down pressure of 250 kg per drill coulter guarantees quality seed placement, even in heavy soils.



### Fertiliser placement under seeds

DIRECTO NO is equipped with a fertilisation disc installed in front of the drill coulter. The fertilisation disc applies fertiliser right under the seed. Such placement makes the fertiliser available to the plant at a later growth stage.



## EFFICIENT SCREW CONVEYOR

In addition to the standard top hopper filling, DIRECTO NO also offers filling with the use of a screw conveyor. The screw conveyor is a part of the optional equipment for the machine. A suitable solution for filling the seed drill is through the rear dispensing window of the semi-trailer.



# DIRECTO NO

## A seed drill for direct seeding with a down pressure of 250 kg per drill coulter

DIRECTO NO is a seed drill for direct seeding into uncultivated soil, stubble fields and catch crops. The seed drill is equipped with a double-chamber pressurised hopper with the total capacity of 5,000 l and disc drill coulters in two rows with an inter-row distance of 16.7 cm. The high down pressure of 250 kg per drill coulter guarantees quality seed placement, even in heavy soils.



### DIRECTO NO

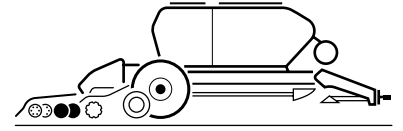
		NO 6000
Working width	m	6
Transport width	m	2.9
Transport length	m	8.65
Drill coulter spacing	cm	16.7
Number of drill coulters	pcs	36
Fertiliser disc spacing	cm	16.7
Number of fertiliser discs	pcs	36
Drill coulter down pressure	kg	250
Hopper volume (chamber ratio)	l	5000 (40:60)
Total weight*	kg	11 000
Recommended output**	HP	280–350

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



# EFACTA CE

seed drills



EFACTA CE is a wide, highly efficient seed drill with a working width of 12 metres, designed for high daily outputs. Four types of front equipment can be installed on the machine.

## MAIN ADVANTAGES

### Front equipment

EFACTA CE is the only seed drill in its category that has four front equipment options: TURBO / PROFI / FERTI coulters or the Crushbar levelling bar (or a combination of the Crushbar levelling bar and FERTI coulters).



### Pressurised hopper

The airtight closure creates overpressure in the hopper. This technical solution increases the quality of both fertiliser and seed batching precision multiple times, even in case of higher batches at higher working speed.



### Drill coulters parallelogram

The double-disc drill coulters are attached to the seeding bar frame with a parallelogram. The design provides perfect terrain contouring and even seed placement at the same depth along the entire width of the machine.



## BEDNAR FLOATRAX TRACKS

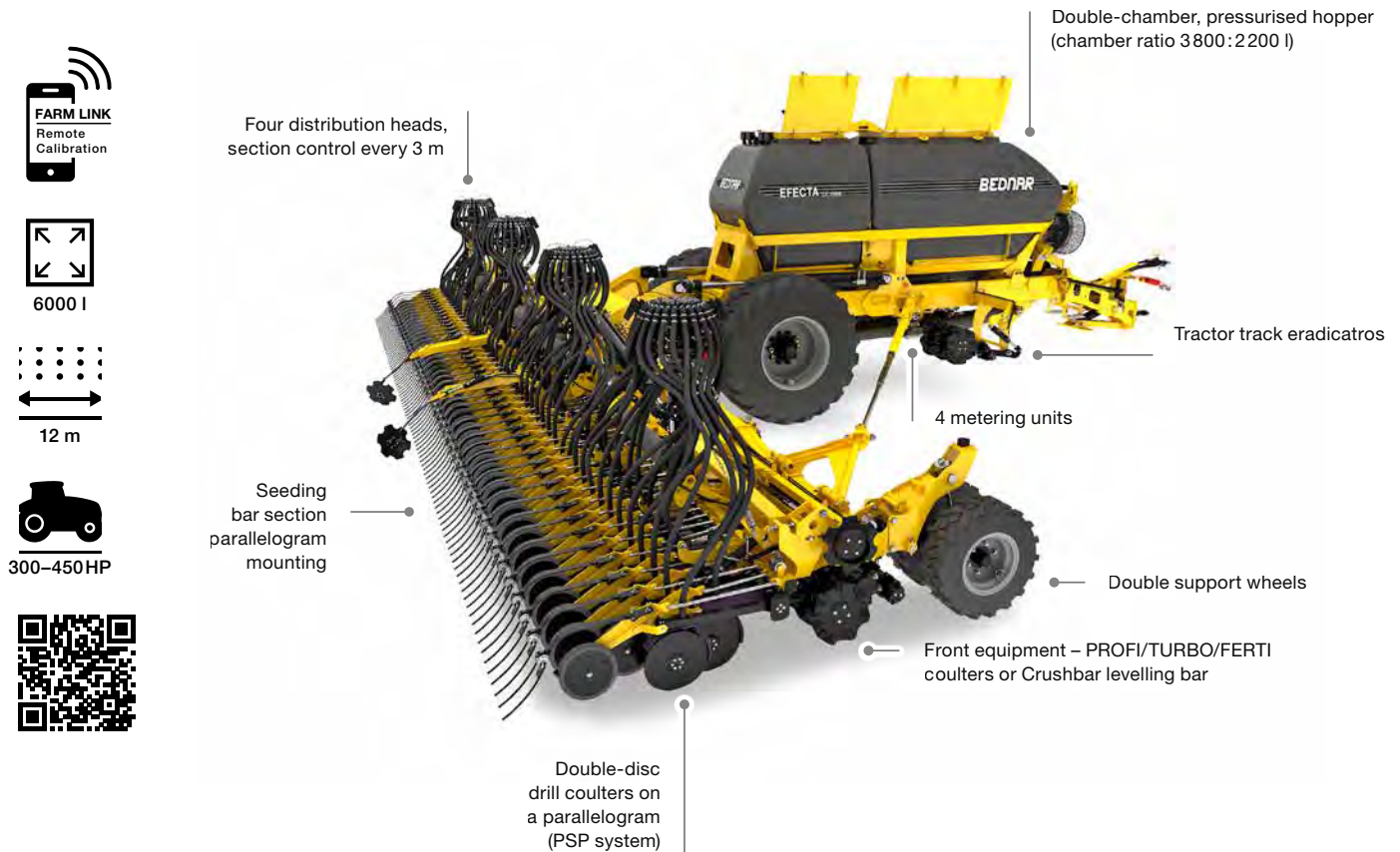
The FLOATRAX is 2,500 mm long and 610 mm wide. The total contact surface of the track is 2.18 m<sup>2</sup>. The maximum pressure on soil is only 42.75 kPa. As the pressure on soil does not exceed 70 kPa, during which negative and irreversible soil hardening occurs, the FLOATRAX tracks are delicate to soil.



# EFACTA CE

## A wide seed drill with the option of soil preparation in one pass

EFACTA CE is a wide seed drill with a working width of 12 metres, equipped with a double-chamber pressurised hopper with a capacity of 6,000 litres. The seed drill can be equipped with four types of front equipment (Crushbar levelling bar, PROFI/FERTI or TURBO coulters).



### EFACTA CE

		CE 12000	
Working width	m	12	
Transport width	m	3	
Transport length	m	7.8	
Inter-row distance	cm	12.5	16.7
Number of drill coulters	pcs	96+2	72+2
Hopper volume (chamber ratio)	l	6,000 (60:40)	
Total weight *	kg	13,000	
Recommended output **	HP	300-450	

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



# EFECTA CM

seed drills



The EFECTA CM air-seeder consists of a seeding bar with a working width of 12 metres and a large capacity air-cart with a capacity of 12,000 litres. EFECTA CM can be equipped with front equipment in the form of PROFI or TURBO coulters.

## MAIN ADVANTAGES

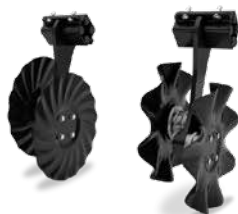
### Large capacity tank

The tank of Efecta CM seed drill has two chambers and offers a maximum capacity of 12,000 litres. Both chambers are divided in the ratio of 50:50. The tank is pressurized. This technical solution significantly increases the quality of fertiliser and seed batching precision.



### Optional section for soil cultivation

Front equipment is available for the EFECTA CM seed drill. This includes the popular PROFI coulters for quality soil cultivation, or TURBO coulters that work in the same line as the drill coulters.



### Double parallelogram

The drill coulter sections are attached to the seeding bar frame with a parallelogram. Each drill coulter has its own parallelogram within the well-established PSP system. The combination of these systems guarantees unparalleled maintenance of the set seeding depth.



## BAR-LOCK SYSTEM

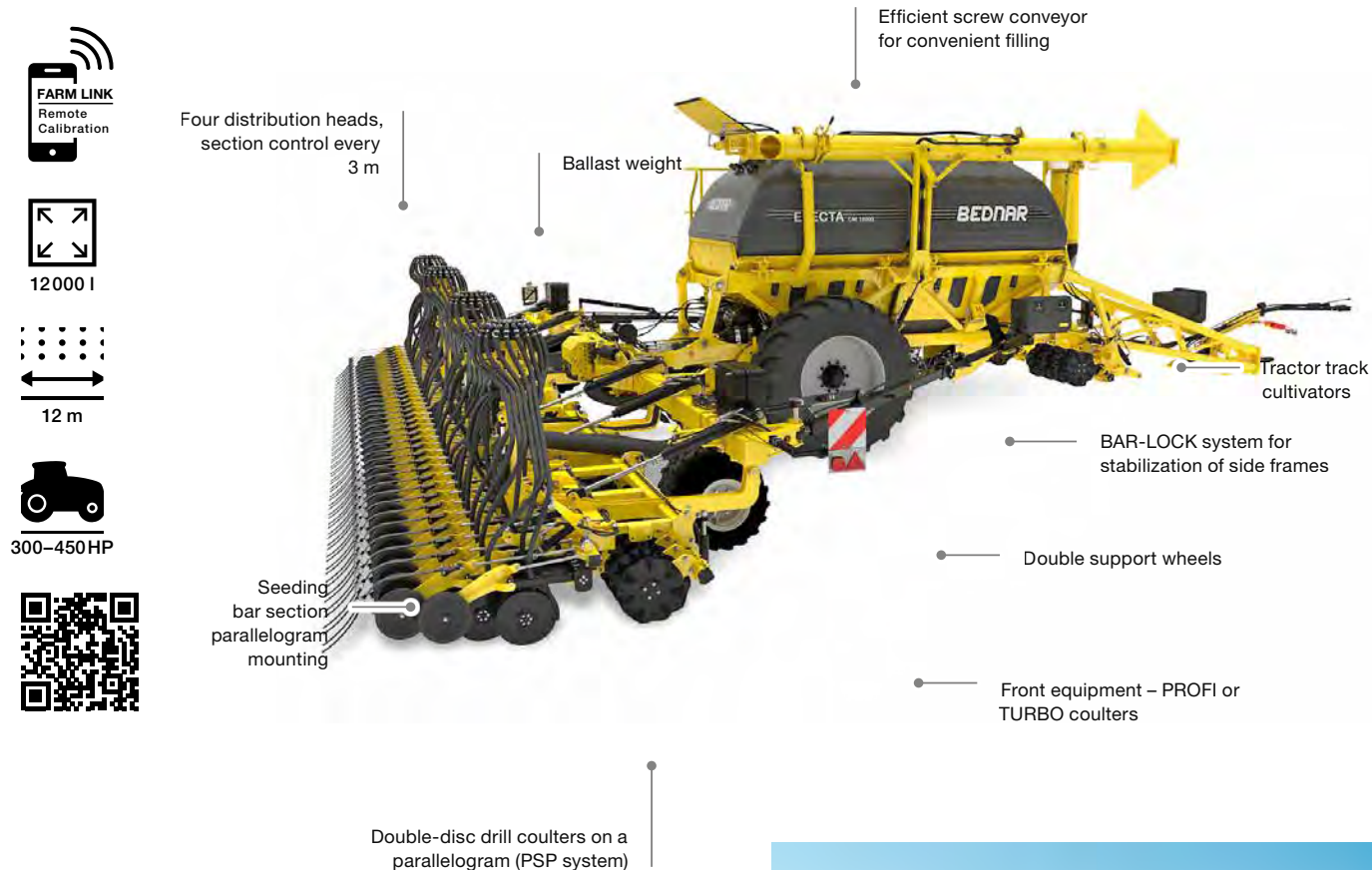
The verified BAR-LOCK system is used for optimal load distribution in the machine construction. Moreover, it contributes to stabilization of the side frames during the work.



# EFACTA CM

## A wide seed drill with a large capacity Air-Cart for seeds and fertiliser

The Efecta CM air-seeder is designed for farms that require maximum daily output during seeding. The EFACTA CM seed drill consists of a seeding bar with a working width of 12 metres and a large capacity air-cart with a capacity of 12,000 litres. EFACTA CM is a seed drill suitable for seeding into partially cultivated soil or or completely prepared soil.



### EFACTA CM

		CM 12000
Working width	m	12
Transport width	m	3
Transport length	m	15.5
Transport height	m	3.9
Inter-row distance	cm	16.7
Number of drill coulters	pcs	72
Hopper volume (chamber ratio)	l	12,000 (50:50)
Total weight *	kg	18,000
Recommended output **	HP	300-450

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



# CORSA

Seeding bar



CORSA CN is a mounted seeding bar suitable for aggregation with tractors with low horsepower. CORSА CN is primarily designed for crop establishment in prepared soil.

## MAIN ADVANTAGES

### Drill coulters parallelogram

The double-disc drill coulters are attached to the seeding bar frame with a parallelogram. The design provides perfect terrain contouring and even seed placement at the same depth along the entire width of the machine.



### Two inter-row distance options

CORSA CN can be equipped with drill coulters with an inter-row distance of 12.5 cm suitable for most conditions with a higher ratio of cereals in the seeding plan. The inter-row distance of 16.7 cm is suitable for fields with large quantities of crop residue on the surface.



### Flow sensors

The seed drill can be equipped with flow sensors. The device ensures that if a drill coulters gets clogged, the information is displayed on the screen. That guarantees maximum seeding precision.



## COMBINATION WITH MULTI-PURPOSE FRONT MOUNTED HOPPER

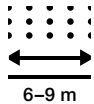
The CORSА CN seed drill can be aggregated with BEDNAR Carts (COMBO SYSTEM CS 5000 / FERTI-CART FC 3500) and front mounted hoppers (FERTI-BOX / SEED-BOX). Precise seed placement is provided by the pressurised BEDNAR design that guarantees precise batching, even in the case of larger seeding or fertiliser amounts.



# CORSA CN

## A mounted seeding bar for establishment of small-seed crops

CORSA CN is a seeding bar available with the working width from 6 to 9 metres. The seeding bar is suitable for aggregation in the three-point hitch of the tractor or the COMBO SYSTEM CS, FERTI-CART FC carts, or the front mounted hoppers FERTI-BOX FB\_F(DUAL), SEED-BOX SB, or other equipment. The seeding bar can be used for establishing densely seeded crops (cereals, oilseeds, grasses, catch crop) into prepared soil.



150–250HP



### CORSA CN

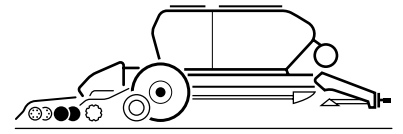
		CN 6000	CN 8000	CN 9000
Working width	m	6	8	9
Transport width	m	3	3	3
Inter-row distance	cm	12.5/16.7	12.5/16.7	12.5/16.7
Number of drill coulters	pcs	48/36	64/48	72/54
Total weight*	kg	2,200–3,000	2,600–3,600	2,800–3,800
Recommended output**	HP	150–200	180–230	200–250

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



# MATADOR

seed drills



MATADOR MO is a machine specifically designed for strip-till technology. The seed drill has a three-point hitch that can be connected to the CORSA CN seeding bar or a precision planter.

## MAIN ADVANTAGES

### Double off-set tyred packer

The off-set tyred packer offers excellent throughput compared to the single-row tyres and reduces the pulling force demand. The double-row packer layout makes it easier to replace a wheel in case of a flat tyre and provides a self-cleaning effect.



### Hydraulic tine protection

The tine section has robust hydraulic AUTO-RESET protection of individual tines, offering maximum release force of 870 kg. The protection uses massive cast-iron bodies. Maximum chisel working depth 35 cm.



### Pressurised hopper

The MATADOR MO seed drill is equipped with a double-chamber hopper with a total capacity of 5,000 litres (40:60 ratio). The hopper is pressurised. This technical design allows for dosing large batches with high precision independent of the size of the seeds/fertiliser.



## VARIOUS AGGREGATION OPTIONS

Besides the standard seeding bar in the rear three-point hitch, the MATADOR MO seed drill can also be aggregated with a planter for planting corn, sunflower or sugar beet. The distance of 37.5 cm with an option to deactivate every other tine enables crop organization with an inter-row spacing of 75 (70) cm.



# MATADOR MO

## A seed drill for strip crop establishment with a variable spacing of the cultivating tines

The MATADOR MO seed drill is designed for the strip-till seeding technology. The strip-till cultivation technology with concurrent seeding brings a brand-new view of crop organization in the field. MATADOR MO offers different crop establishment options: all-area seeding, seeding narrow or wide double rows.



### MATADOR MO

		MO 6000
Working width	m	6
Transport width	m	3
Transport length	m	10.3
Number of tines	pcs	16
Working depth	cm	35
Tine spacing	cm	37.5
Inter-row distance	cm	12,5/16,7/25
Hopper volume (chamber ratio)	l	5000 (40:60)
Total weight*	kg	8,900
Recommended output**	HP	280-400

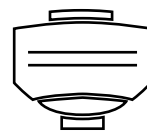
\* according to the equipment \*\* depends on soil conditions





# ALFA DRILL

seeding unit



ALFA DRILL is a seeding unit designed for seeding catch crop, additional seeding of grasses, or for the application of fertiliser or micro-granulate in one pass, in combination with machines for soil cultivation, seedbed preparation and seeding.

## MAIN ADVANTAGES

### Pressurised hopper

The airtight closure creates overpressure in the hopper. This technical solution increases the quality of both fertiliser and seed batching precision multiple times, even in case of higher batches at higher working speed.



### A wide range of seeding rollers

The metering unit can be equipped with various seeding rollers, identical with the OMEGA seeding rollers in relation to the properties of the seed and the seeding amount.



### Two hopper sizes

The ALFA DRILL seeding unit is available in two versions, with a hopper capacity of 400 or 800 litres. The equipment options differ by machine where the seeding unit is to be installed.



## EASY CONTROL

The seeding unit is compatible with ISOBUS and can be controlled using the tractor terminal or a BEDNAR display.



# ALFA DRILL

## A seeding unit for seeding small-seed crop and for applying micro-granulate

The ALFA DRILL seeding unit is for seeding small-seed crop, catch crop, and for applying micro-granulate. The seeding unit can be installed on various types of BEDNAR machines for soil cultivation and seeding (disc cultivators, tine cultivators, chisel ploughs, seed drills, etc.).



400–800 l



### ALFA DRILL

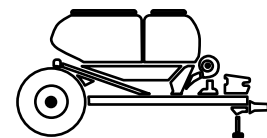
		ALFA 400	ALFA 800
Hopper volume	l	400	800
Filling hole diameter	mm	380 × 530	770 × 530
Filling height**	cm	117	144
Hydraulic oil quantity	l/min	24	24
Total weight*	kg	150	230

\* according to the equipment \*\* in relation to the position on the machine



# COMBO SYSTEM/FERTI-CART

carts



The COMBO SYSTEM CS and FERTI-CART FC are carts designed for aggregation with mounted soil cultivators and seed drills. FERTI-CART is a single-chamber air-cart, COMBO SYSTEM CS offers two chambers with the total capacity of 5,000 litres.

## MAIN ADVANTAGES

### Pressurised hopper

A great advantage of the COMBO SYSTEM CS trailed air-cart is the double chamber hopper. In one pass, you can apply fertiliser and seeds at the same time, or you can use both chambers for seeds or fertiliser depending on the field operation.

### Stainless metering unit

The individual chambers of the COMBO SYSTEM CS and FERTI-CART FC air-carts are equipped with their own metering units. The stainless metering units with electric drives enable changing the application amounts independently for both chambers, as required by the agronomist.

### Easy control

The air-carts can be controlled using ISOBUS on the tractor display, or using BEDNAR terminals with a touch display and a diagonal measurement of 8.1".



## FLOTATION TYRES

The COMBO SYSTEM CS and FERTI-CART FC air-carts are equipped with large flotation tyres, provided as standard equipment. The flotation tyres have a low specific pressure on soil and thus prevent potential soil compaction.



# COMBO SYSTEM CS

## A trailed air-cart with two tanks for a wide range of application in plant production

COMBO SYSTEM CS is a trailed air-cart with two tanks for precise fertiliser and seed application. The total capacity of both chambers is 5,000 l. The chamber ratio is 40:60. COMBO SYSTEM CS is designed for aggregation with mounted machines for soil cultivation and seeding (CORSА CN, STRIP-MASTER EN, TERRASTRIP ZN, TERRALAND and other).



5000 l



### COMBO SYSTEM CS

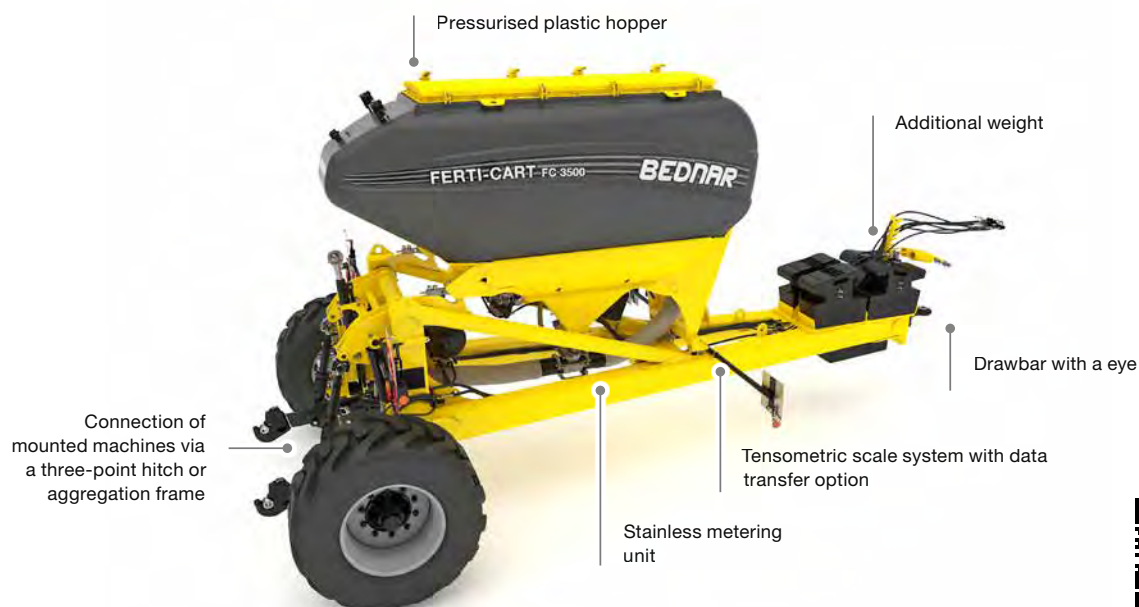
CS 5000		
Capacity	l	5,000
Number of metering units	pcs	2
Filling hole diameter	mm	585 × 790, 585 × 1,530
Transport tyre dimensions		650/65-30.5
Hydraulic oil quantity	l/min	55–90
Total weight *	kg	5,990

\* Weight without load.



## A single tank trailed air-cart for precise fertiliser and seed application

FERTI-CART FC is a single tank trailed cart for precise fertiliser and seed application. The pressurised hopper offers a capacity of 3,500 l. FERTI-CART FC can be used for supplementary fertilisation in aggregation with deep soil cultivators – TERRALAND, TERRASTRIP ZN, FENIX or for seeding in aggregation with the CORSA CN seeding bar.



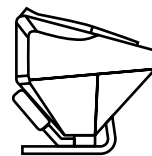
### FERTI-CART FC

		FC
Capacity	l	3,500
Number of metering units	pcs	1
Filling hole diameter	mm	2,060 × 675
Transport tyre dimensions		550/60-22.5
Hydraulic oil quantity	l/min	55
Total weight *	kg	3,980

\*Weight without load. Load of 600 kg or 1,200 kg

# FERTI-BOX/SEED BOX

mounted hoppers



FERTI-BOX and SEED BOX SB are model series of mounted hoppers for fertiliser or seed application with a capacity from 1,600 to 3,000 litres.

## MAIN ADVANTAGES

### Pressurised hopper

The airtight closure creates overpressure in the hopper. This technical solution increases the quality of both fertiliser and seed batching precision multiple times, even in case of higher batches at higher working speed.



### Stainless metering unit

The metering unit is made of stainless steel and driven by electric motor, thanks to which the batch is precise at any travel speed. It is equipped with a GPS radar speed sensor.



### Easy control

The FERTI-BOX / SEED BOX SB hoppers can be controlled using ISOBUS on the tractor display, or using BEDNAR terminals with a touch display and a diagonal measurement of 8.1".



## A WIDE RANGE OF SEEDING ROLLERS

Our portfolio includes various types of seeding rollers for the application of different fertiliser and seed sizes. We offer seeding rollers from 30 cm<sup>3</sup> to 890 cm<sup>3</sup>.





## A front mounted hopper for fertiliser and seeds

The FERTI-BOX FB\_F is a single-chamber front hopper with a capacity of 1,900 l. The FERTI-BOX FB\_F Dual model provides two chambers with a capacity of 2,200 litres, at the ratio of 70:30. The front FERTI-BOX FB\_F hopper is suitable for aggregation with mounted or trailed machines using the rear three-point hitch of the tractor. The material (fertiliser/seeds) is pneumatically transported through the pipes behind the tractor to the distribution head of the equipment for soil cultivation and seeding (ROW-MASTER RN, SWIFTERDISC, TERRALAND and other).



1900–2200 l



### FERTI-BOX FB\_F

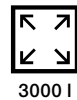
		FB 2000 F	FB 2000 F Dual**
Capacity	l	1,900	2,200
Number of metering units	pcs	1	2
Filling hole diameter	mm	700×700/700×1,600	700×460/700×1,260
Hydraulic oil quantity	l/min	55	90
Total weight *	kg	600–1,300	730–1,400

\* according to the equipment \*\* chamber ratio 70/30

# FERTI-BOX FB

## A mounted hopper for fertiliser application into soil

FERTI-BOX FB is a large-capacity, mounted, double-chamber hopper with a capacity of 3,000 litres, connected to the tractor rear three-point hitch. The chamber ratio is 60:40. FERTI-BOX FB is especially useful in aggregation with deep soil cultivators (TERRALAND TO, FENIX FO, TERRALAND DO).



3000 l



### FERTI-BOX FB

FB 3000		
Capacity	l	3,000
Number of metering units	pcs	2
Filling hole diameter	mm	900 × 1,040 / 620 × 1,040
Hydraulic oil quantity	l/min	55–90
Total weight *	kg	1,090–1,300

\* according to the equipment



# SEED BOX SB

hoppers

## A front mounted seed and fertiliser hopper

The front-mounted SEED-BOX hopper is primarily designed for establishing crop in combination with the CORSA CN seeding bar, or for aggregation with the ROW-MASTER cultivators. SEED BOX SB is a single-chamber hopper with the total capacity of 1,600 l, which can be equipped with special application arms on request.



1600 l



### SEED BOX SB

		SB
Capacity	l	1,600
Number of metering units	pcs	1
Hydraulic oil quantity	l/min	55
Total weight *	kg	700–1,090

\* according to the equipment

# CROP RESIDUE MANAGEMENT



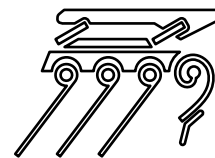






# STRIEGEL-PRO

straw harrow



STRIEGEL-PRO is a harrow for crop residue management, shallow stubble cultivation, spring soil opening or aeration of permanent grassland and cereals.

## MAIN ADVANTAGES

### Independent suspension of the working sections

The individual sections of the straw harrow working width are suspended independently. The design provides perfect contouring of terrain unevenness and maintains the set working depth.



### LONG LIFE rods

The LONG LIFE rods for the straw harrow are made of spring steel with a diameter of 16 mm, and their tips are fitted with carbide. The LONG LIFE rods increase quality of work and provide an outstanding durability.



### Front equipment

The machine can be equipped with the front Crushbar levelling bar that breaks the coarse furrow, Trash Cutter or TURBO coulters for excellent crop residue cutting on request.



### ALFA DRILL SEEDING UNIT

ALFA DRILL is a seed drill designed for planting catch crop, for additional grass seeding or for all-area micro-granulate and fertiliser application. It can be installed on the STRIEGEL-PRO harrow on request.

*\*the front Trash Cutter is only available for the STRIEGEL-PRO PN models / STRIEGEL-PRO PE models offer independent section suspension.*



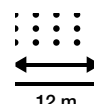
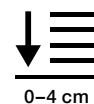
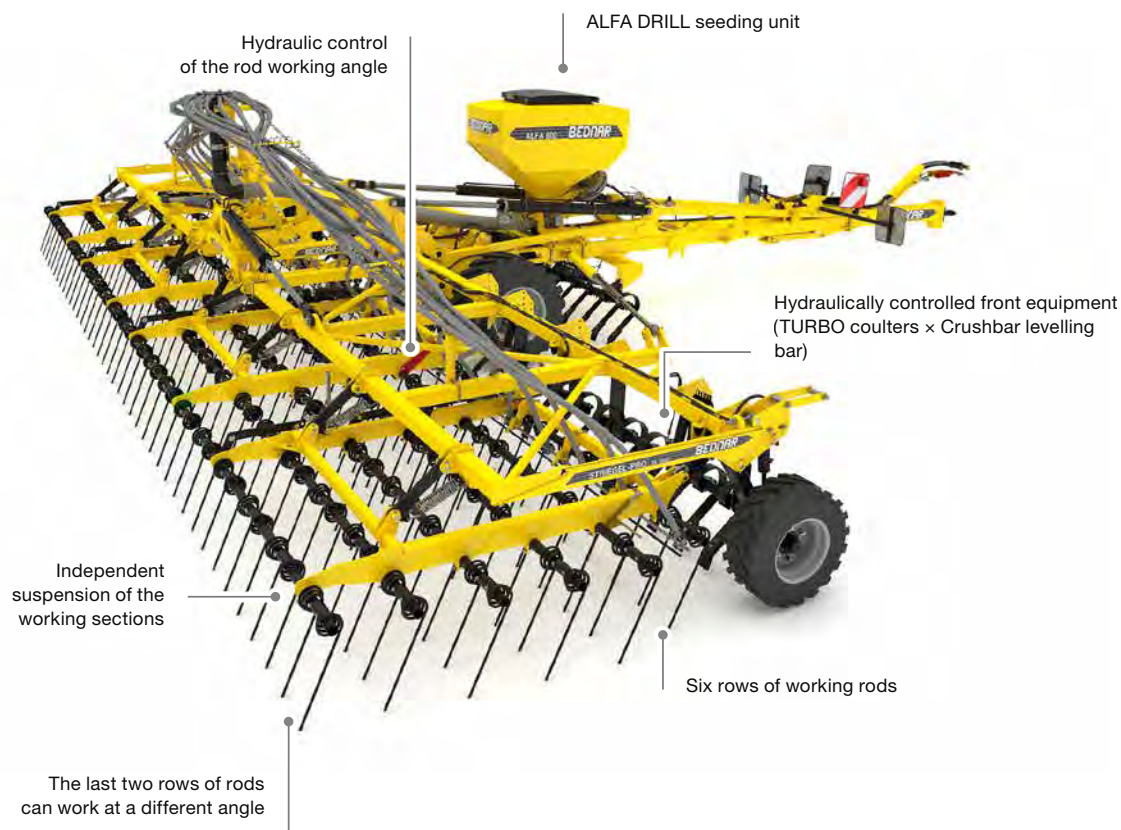


# STRIEGEL-PRO PE

crop residue  
management

## A wide straw harrow for maximum daily outputs

The STRIEGEL-PRO PE trailed straw harrow is a wide model with a working width of 12 metres. The large working width in combination with a high working speed guarantees achieving high daily outputs. The variability of the front equipment, including the option of supplementary fertilisation or seeding, makes it possible to use the STRIEGEL-PRO PE machine for a wide range of agricultural operations.



### STRIEGEL-PRO PE

		PE 12000
Working width	m	12
Transport width	m	3
Transport length	m	8.8
Working depth*	cm	0-4
Number of coulters	pcs	36
Number of tines	pcs	6
Tine spacing	cm	6
Number of rods	pcs	120/240
Total weight**	kg	9,160
Recommended output*	HP	230-350

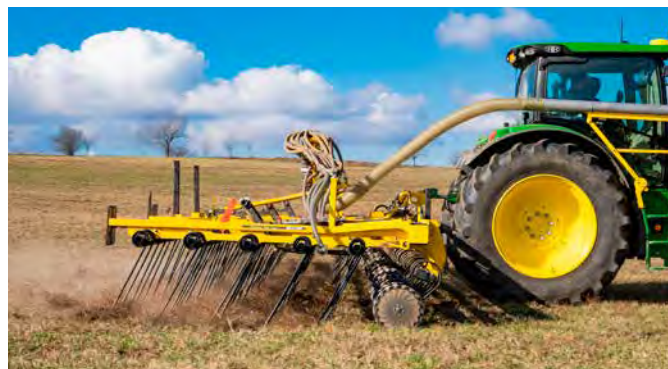
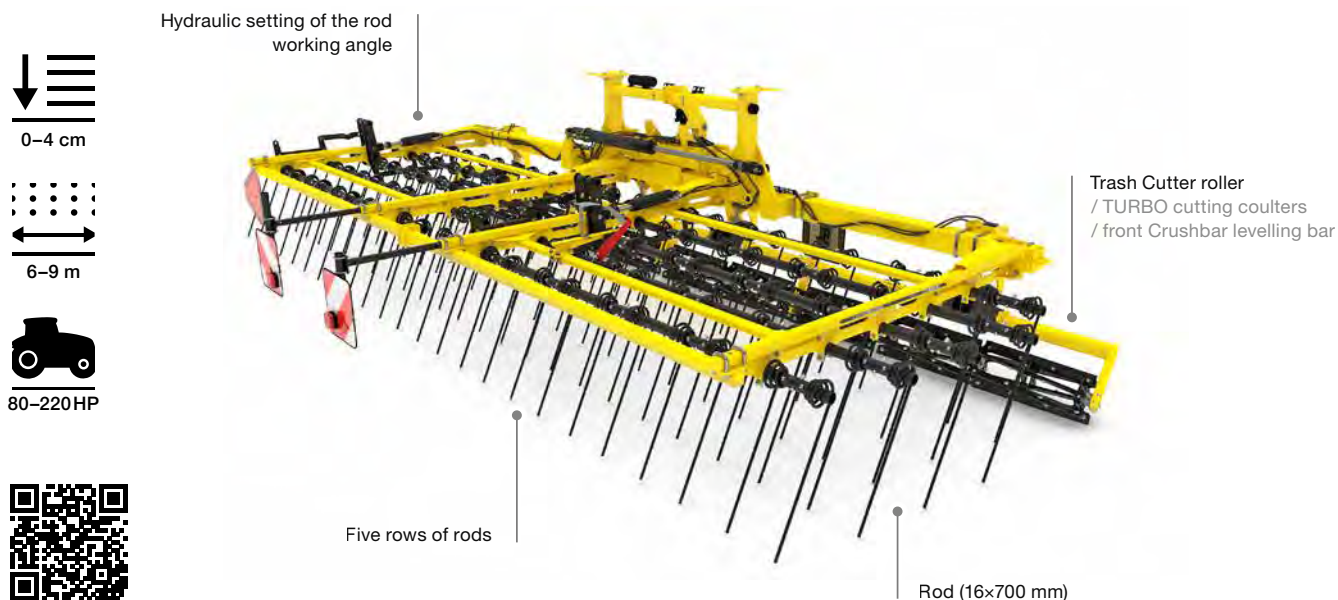
\* according to the application \*\* according to the equipment



# STRIEGEL-PRO PN

## A universal straw harrow for year-round application

The STRIEGEL-PRO PN straw harrow is a universal model of the popular straw harrow with five rows of rods. The lightweight straw harrow model is suitable for aggregation with tractors with horsepower from 80. The wide variability of front equipment makes the straw harrow suitable for use throughout the whole year.



### STRIEGEL-PRO PN

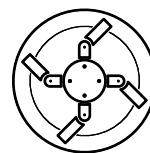
		PN 6000	PN 7500	PN 9000
Working width	m	6	7.5	9
Transport width	m	2.8	2.8	3
Transport length	m	3.5	3.5	3.6
Working depth*	cm	0–4	0–4	0–4
Number of coulters	pcs	20	24	30
Number of tines	pcs	5	5	5
Tine spacing	cm	6	6	6
Number of rods	pcs	50/100	60/120	75/150
Total weight**	kg	1,590–2,930	1,780–3,300	2,090–3,800
Recommended output*	HP	80–120	140–180	180–220

\* according to the application \*\* according to the equipment



# MULCHER

rotary cutters



MULCHER is designed for maintenance of land, restricting the growth of weeds, unwanted tree seedlings, crop residue management and mechanical pest elimination.

## MAIN ADVANTAGES

### Hot-dipped galvanized frame

Hot-dipped galvanization of the main machine frames increases the resistance of the machine to weather conditions and vegetable saps.

### Smooth machine surface

Rotary cutters can be equipped with cover plates of the main frames. The plates are smooth and minimize the sticking of plant residue on the machine.

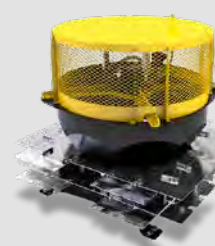
### Armouring

BEDNAR rotary cutters are equipped with replaceable armoured plates that protect the machine frame from damage. Moreover, each rotor is protected with its own cover, which enables to work in an extremely low position above the ground.



## TRASH-FAN CLEANING SYSTEM

The main component is the fan that creates a stream of air and the wind straighteners direct air to the risk areas on the machine surface. TRASH-FAN prevents dirt and plant matter from sticking on the machine surface.



# MULCHER MZ

## A three-rotor, semi-mounted rotary cutter

MULCHER MZ is a three-rotor, semi-mounted rotary cutter designed for mulching permanent grassland and crop residue in arable soil (corn, sunflower, rapeseed etc.) as well as unwanted tree seedlings. The working width of 4.5 and 5.8 m in combination with the high working speed guarantees high daily output at low operating costs. The robust frame with hot-dipped galvanized body predetermines the rotary cutter to be maximally used in the most demanding conditions of an agricultural operation.

4,5–5,8 m

120–200HP



### MULCHER MZ

		MZ 4500	MZ 6000
Working width	m	4.5	5.8
Transport width	m	2.3	2.4
Number of rotors	pcs	3	3
Number of blades per rotor	pcs	4	4
Input RPM	RPM	540/1,000	1,000
Total weight*	kg	3,160	3,770
Recommended output**	HP	120–140	150–200

\* according to the equipment \*\* depends on conditions



# MULCHER MM

crop residue  
management

## A wide rotary cutter for high daily outputs

MULCHER MM is a five-rotor, semi-mounted rotary cutter designed for mulching permanent grassland and crop residue in arable soil (corn, sunflower, rapeseed etc.). The robust frame with hot-dipped galvanized frame predetermines the rotary cutter to be maximally used in the most demanding conditions of an agricultural operation.



### MULCHER MM

		MM 7000
Working width	m	7
Transport width	m	3
Number of rotors	pcs	5
Number of blades per rotor	pcs	4
Input RPM	RPM	1,000
Total weight*	kg	3,940
Recommended output**	HP	200–220

\* according to the equipment \*\* depends on conditions



# INTER-ROW CULTIVATION



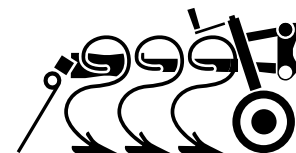






# ROW-MASTER

inter-row cultivators



ROW-MASTER is an inter-row cultivator that improves vegetation conditions (removes the soil crust, aerates soil) in wide-row crops (corn, sugar beet, soya).

## MAIN ADVANTAGES

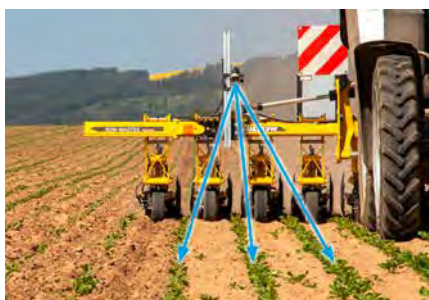
### Each working unit equipped with a parallelogram

The individual cultivation units are mounted to the frame using a clamp. The parallelogram contours the terrain and maintains the set working depth of the cultivation units in a precise way.



### CultiCam – automated guidance

The system automatically guides the inter-row cultivator by reading the rows. The system then communicates with the hydraulic control (movement) that guides the cultivator working units in the inter-rows.



### BEDNAR row-unit control

The ROW-MASTER RN\_PROFI cultivator is equipped with sectional control for each working unit. Based on the data from the navigation system, the individual cultivation units are gradually lifted and lowered.



## EASY SETTINGS WITHOUT THE NEED FOR SPECIAL TOOLS

The inter-row distance is set by simply moving the individual cultivation units on the frame. The individual components (chisels, levellers, shares, support wheels, protective shields) can be easily set using pins and levers without the need for any special tools.



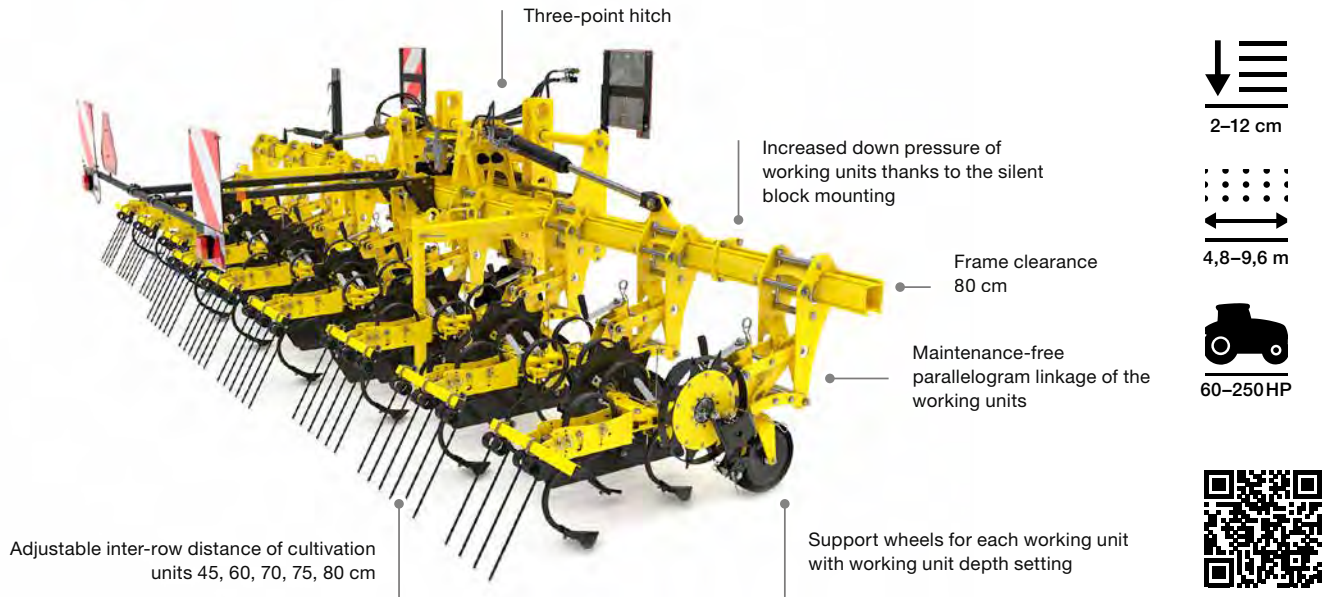


# ROW-MASTER RN

inter-row cultivation

## A cultivator for inter-row cultivation of wide-row crops

ROW-MASTER RN is a universal inter-row cultivator designed for breaking the soil crust in the vegetation of corn, sunflower or sugar beet. The robust frame with high clearance allows for loosening even in the late growth stage. The individual working units are mounted to the frame using a clamp. This unique maintenance-free design creates a continuous down pressure on the support wheel and improves the penetration of working parts into the soil. ROW-MASTER RN can be equipped with the automatic guidance system.



### ROW-MASTER RN

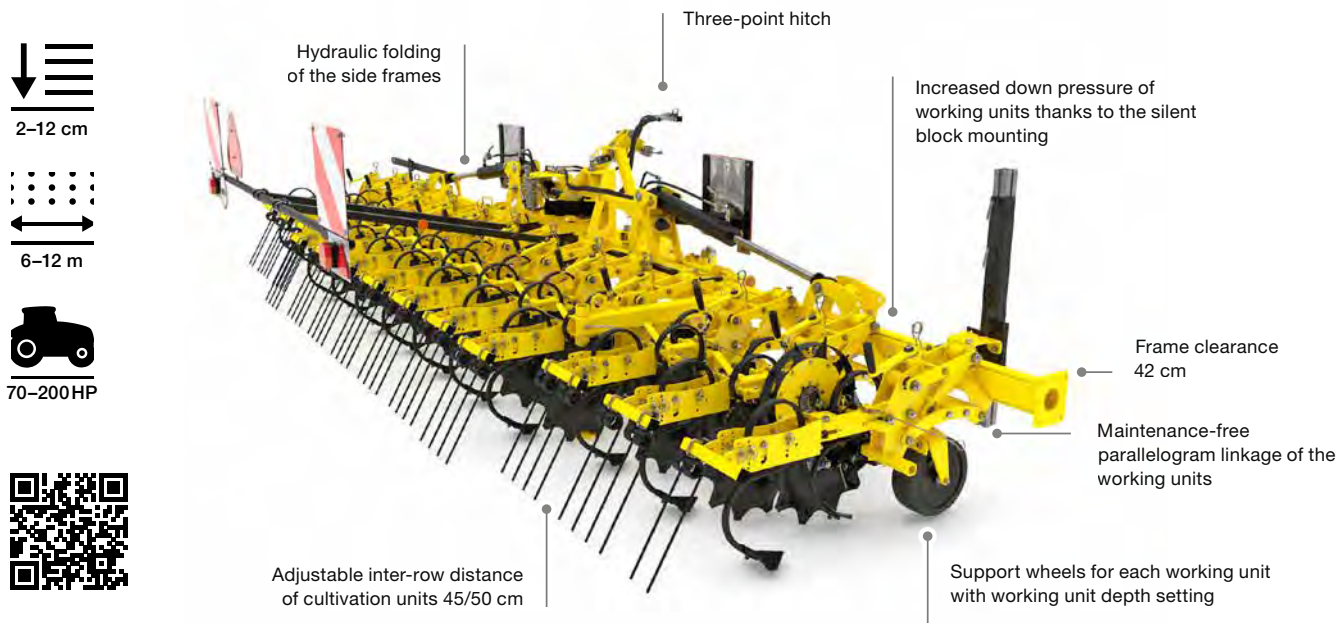
		RN 4800			RN 6400			RN 9600		
Inter-row distance	cm	45/60/70/75/80			45/60/70/75/80			45/60/70/75/80		
Working width	m	4.8			6.4			9.6		
Working depth*	cm	2-12			2-12			2-12		
Number of rows	pcs	8	7	6	12	9	8	18	11	12
Frame clearance	cm	80			80			80		
Camera guidance		yes			yes			yes		
Frame type		folding			folding			folding		
Weight**	kg	1,800-2,100			2,150-2,500			2,850-3,200		
Recommended output*	HP	60-100			90-130			150-250		

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

# ROW-MASTER RN\_S

## An inter-row cultivator for sugar beet crop cultivation

The ROW-MASTER RN\_S cultivator is designed for weeding inter-rows, removing the soil crust, eliminating the growth of weeds, and creating a proper soil climate in sugar beet crop. The cultivator can be easily adjusted for an inter-row spacing of 45–50 cm and equipped with various equipment to adjust to the specific crop condition. To reduce the risk of damaging plants and to achieve a high output, ROW-MASTER RN\_S can be equipped with the self guidance CultiCam system.



### ROW-MASTER RN\_S

		RN 6000 S	RN 9000 S	RN 12000 S
Working width	m	6	9	12
Working depth*	cm	2–12	2–12	2–12
Inter-row distance	cm	45/50	45/50	45/50
Number of rows		12	18	24
Frame clearance	cm	42	42	42
Camera guidance		yes	yes	yes
Frame type		folding	folding	folding
Weight**	kg	1300–1,850	1,800–2,500	2,250–2,980
Recommended output*	HP	70–110	120–160	150–200

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

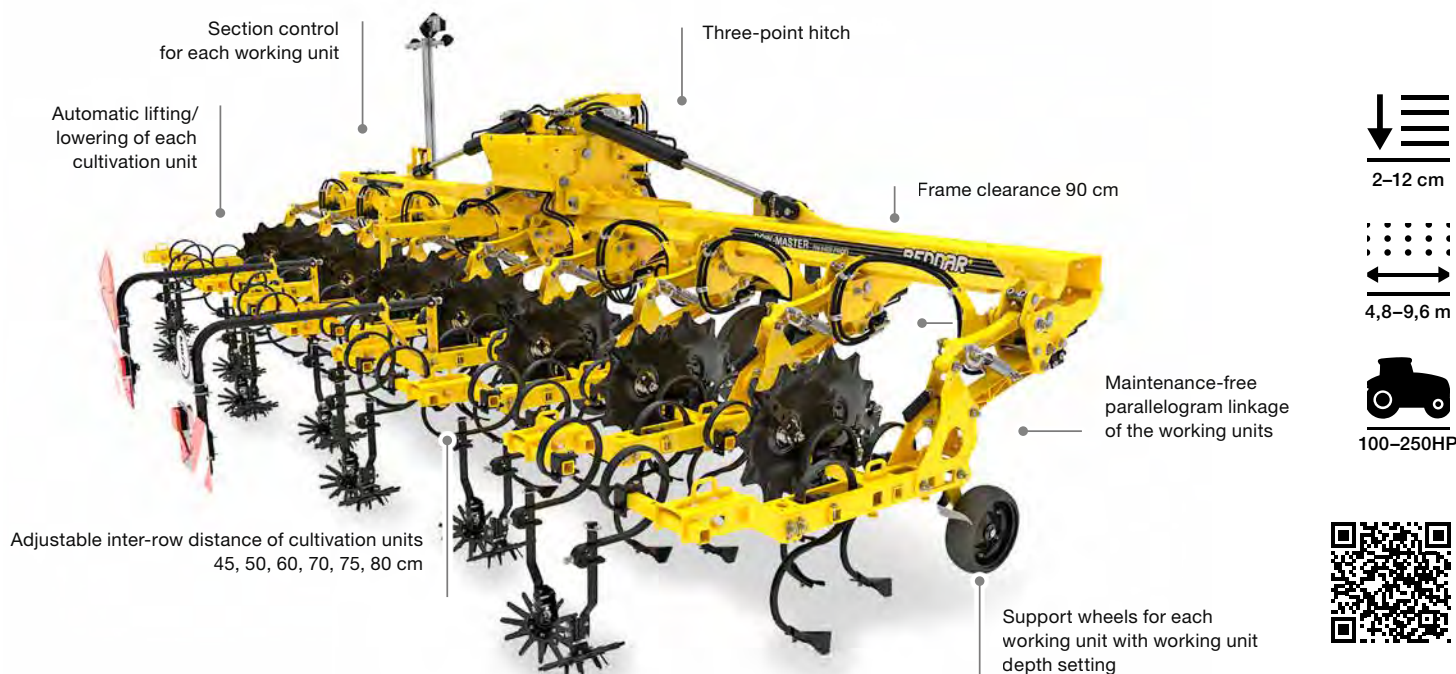


# ROW-MASTER RN\_PROFI

inter-row cultivation

## A new generation of the inter-row cultivator with Section Control

The ROW-MASTER RN\_PROFI cultivator represents a new generation of the popular BEDNAR inter-row cultivators. It now offers the function of ROW-UNIT CONTROL that provides independent control of each working unit. The new generation offers a higher frame clearance of up to 90 centimetres, high variability of cultivation unit equipment and professional automatic guidance for maximal precision.



## ROW-MASTER RN\_PROFI

		RN 4800 PROFİ			RN 6400 PROFİ			RN 9600 PROFİ	
Inter-row distance	cm	45/50/60/70/75/80			45/50/60/70/75/80			45/50/60/70/75/80	
Working width	m	4.8			6.4			9.6	
Working depth*	cm	2-12			2-12			2-12	
Transport length	m	2.5			2.5			4.2	
Number of rows	pcs	8	7	6	12	8	7	18	12
Frame clearance	cm	90			90			90	
Camera guidance		yes			yes			yes	
Frame type		folding			folding			folding	
Weight**	kg	1,500-1,900			1,750-3,200			2,400-3,600	
Recommended output*	HP	100-140			120-160			170-250	

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

# STRIP-MASTER

strip-till cultivators



STRIP-MASTER is a strip-till cultivator designed for strip-till soil cultivation up to a depth of 35 centimetres. The inter-row distance of the working units can be set between 45 and 80 centimetres.

## MAIN ADVANTAGES

### **Hydraulic auto-reset system for each working unit**

STRIP-MASTER has hydraulically secured tines (blades) for higher durability and easy operation. The release force is set to 750 kg and the blades can deflect by 26 cm in case of an impact with an obstacle.



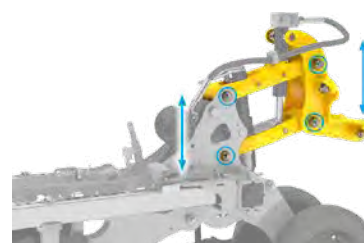
### **Offset layout of working units**

When equipped with 12 working units are in offset to guarantee high quality of work without the risk of clogging.



### **Each working unit equipped with a parallelogram**

Each working unit is mounted to the main frame with clips. The working unit includes parallelogram that ensures perfect terrain contouring and the set working depth.



## **MINERAL FERTILISER OR MANURE APPLICATION**

STRIP-MASTER can be equipped with a set for mineral or liquid fertiliser application. Placing liquid fertiliser at two different depths in one pass prevents manure or digestate from draining down the hill.



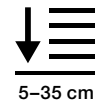
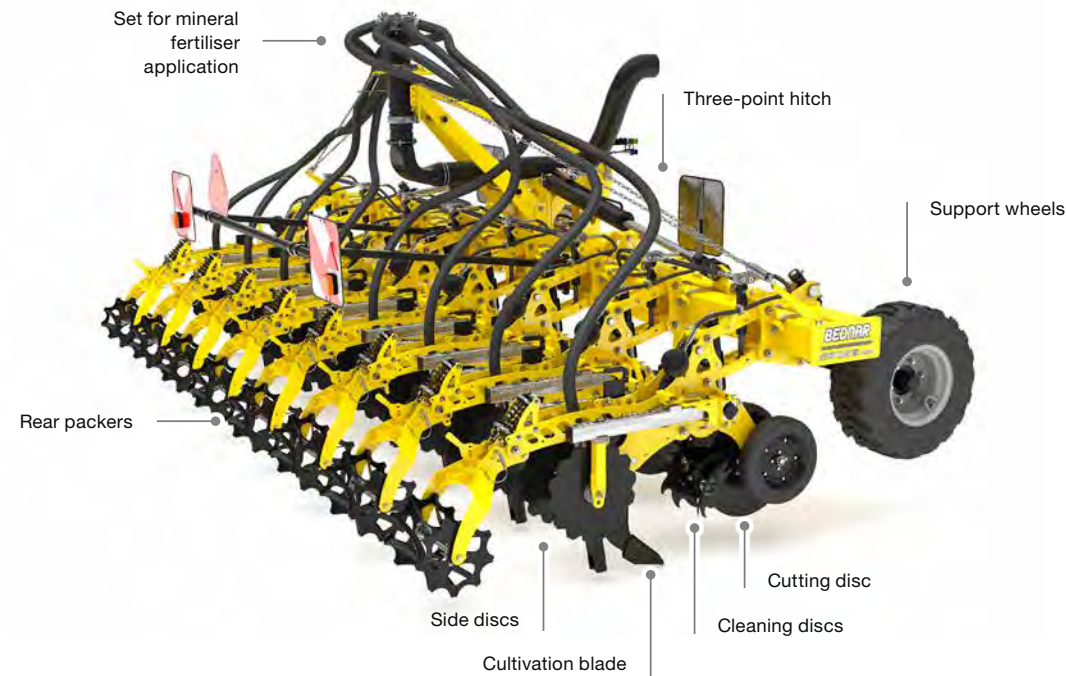


# STRIP-MASTER EN

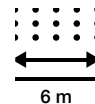
strip-till cultivation

## A cultivator for strip-till soil cultivation

The STRIP-MASTER EN cultivator is designed for strip-till soil cultivation. This technology is especially suitable for establishing wide-row crops. The STRIP-MASTER EN cultivator processes soil in strips of 80 cm, 75 cm, 70 cm, 50 cm and 45 cm at a depth of up to 35 cm. The machine has a universal frame that allows setting the required distance for the preparation of strips for a specific crop.



5–35 cm



6 m



240–280 HP



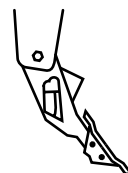
### STRIP-MASTER EN

EN 6000		
Working width	m	6
Transport width	m	3
Working depth	cm	35
Number of tines	pcs	8–12
Tine distance	cm	80/75/70/50/45
Total weight**	kg	4,200
Recommended output*	HP	240–280

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

# TERRASTRIP

chisel plough for strip-till soil cultivation



TERRASTRIP is a unique combination of a chisel plough and row cultivator, suitable for deep cultivation of strips for establishing wide-row crops.

## MAIN ADVANTAGES

### High durability

Some parts of the TERRASTRIP ZN chisel plough for strip-till soil cultivation are made of high-quality ALFORM steel. ALFORM provides higher durability than standard steel.



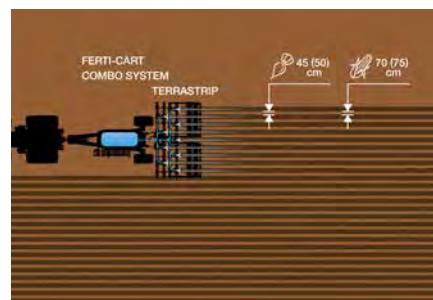
### One frame, two equipment options

Exchangeable equipment is available for TERRASTRIP ZN machines. The standard chisel plough for strip-till soil cultivation is equipped with ACTIVE-MIX tines for deep loosening and disruption of hardened layers. The TERRALAND TO frame can be equipped with special ZERO-MIX tines with a negative angle for subsoil tillage without active mixing of soil.



### Mineral fertiliser application

The mineral fertiliser is placed directly into the cultivated strips. The fertiliser can be placed at different depths. The loosened and fertilised strips create an ideal environment for a rich root system.



## A WIDE RANGE OF CHISELS AND WINGS

ACTIVE-MIX tines can be equipped with chisels with a width of 70 mm for intense loosening, or with a width of 40 mm for demanding conditions and deep work. Chisels and wings are also available in the extremely durable LONG LIFE version (40 mm, 55 mm and 70 mm). The deeper you work, the narrower chisel should be used.



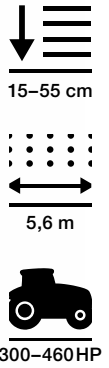
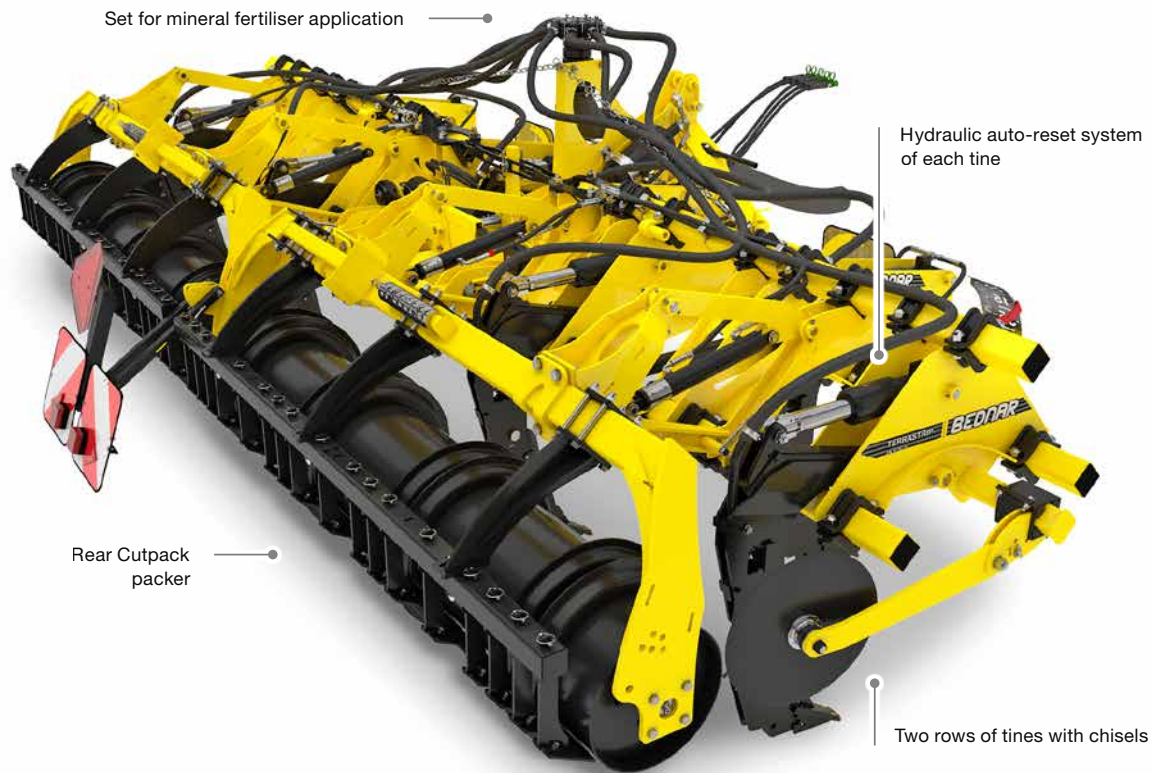


# TERRASTRIP ZN

strip-till cultivation

## Chisel plough for strip-till soil cultivation

TERRASTRIP ZN is a specially designed deep strip-till cultivator based on the TERRALAND chisel ploughs. The high frame robustness allows strip-till cultivation up to a depth of 55 centimetres. TERRASTRIP ZN is available in the folding configuration. The TERRASTRIP ZN chisel plough is suitable for cultivating wide-row crop strips with an inter-row spacing of 70–75 centimetres.



### TERRASTRIP ZN

		ZN 8/70–75
Working width	m	5.6
Transport width	m	3.0
Transport length	m	3.4
Working depth	cm	20–55
Number of tines	pcs	8
Tine distance	cm	70–75
Total weight	kg	4,290–4,890
Recommended output	HP	300–460

# PACKERS AND ROLLERS

Typ		SWIFTERDISC						ATLAS		SWIFTER				VERSATILL ►		
		XN	XO_F	XO_PROFI	XE	XE_PROFI	XE_MEGA	AO_PROFI	AE_PROFI	SN	SO_F	SO_PROFI	SE	SM	VN_L	VO_PROFI
Tube Packer	1	•	•	•				•							•	
Segmented Packer	2	•	•	•	•			•								
Rubberpacker	3	•		•	•	•	•	•	•							
Spring Packer	4	•													•	
V-Ring Packer	5	•	•	•	•	•	•	•	•							•
Double Presspack	6			•				•								
Double V-Ring	7		•	•	•	•	•	•	•							
U-Ring Packer	8	•							•							
Double U-Ring Packer	9		•	•	•	•	•	•	•						•,*	•
Single slatted roller	10									•	•					
Double slatted roller	11										•	•	•	•		
Single Crosskill Roller	12									•		•				
Double Crosskill Roller	13										•		•	•		
Single Crosskill Roller for Rocky Soil	14									•	•					
Double Crosskill Roller for Rocky Soil	15										•	•	•	•		
Double Roller	16	•	•	•				•							•	
Tandem Spiked Roller	17															
Sandy – Tandem Spiked Roller	18															
Cutpack	19		•	•	•	•	•	•	•							
Finish Crosskill Roller	20											•	•			

\* diameter 500 mm

Tube Packer

1



The traditional packer is made of massive steel rods with a classic crumbling effect.

diameter: 630/610 mm

Segmented Packer

2



The packer is made of massive steel parts for perfect compaction, suitable for all types of soil.

diameter: 525 mm

Rubberpacker

3



A packer made of hard natural rubber, suitable for all soil conditions with very low stickiness.

diameter: 570 / 590 / 630 mm

Spring Packer

4



A single-row, light, steel packer made of rings. Suitable for lighter soils.

diameter: 530 mm

V-Ring Packer

5



A heavy steel packer for all types of soil for intense crumbling and reverse compaction.

diameter: 630 / 800 mm

Double Presspack

6



A heavy steel packer consisting of two rows of steel rings. This type of packer is suitable for heavy soils. It offers a great crumbling and compacting effect.

diameter: 630 mm

Double V-Ring

7



A heavy double steel packer for all types of soil for intense crumbling and reverse compaction.

diameter: 630 mm

U-Ring Packer

8



A steel packer for all types of soil with quality crumbling and low stickiness thanks to the U-shaped ring.

diameter: 500 / 600 mm

Double U-Ring Packer

9



A double-row steel packer with a self-cleaning effect, excellent crumbling and low stickiness thanks to the U-shaped ring.

diameter: 600 / 500 mm



Typ		FENIX			TERRALAND				ACTROS	TERRASTRIP
		FN	FO	FO_PROFI	TN	TN_PROFI	TO	DO	RO	ZN
Tube Packer	1	•		•						
Segmented Packer	2	•							•	
Rubberpacker	3		•						•	
Spring Packer	4	•								
V-Ring Packer	5	•	•	•	•		•		•	
Double Presspack	6								•	
Double V-Ring	7		•	•					•	
U-Ring Packer	8	•								
Double U-Ring Packer	9		•	•					•	
Single slatted roller	10									
Double slatted roller	11									
Single Crosskill Roller	12									
Double Crosskill Roller	13									
Single Crosskill Roller for Rocky Soil	14									
Double Crosskill Roller for Rocky Soil	15									
Double Roller	16	•								
Tandem Spiked Roller	17				•	•	•	•		•
Sandy – Tandem Spiked Roller	18						•	•		
Cutpack	19		•		•	•	•	•	•	•
Finish Crosskill Roller	20									

Single slatted roller

10



A simple and cheap solution for spring cultivation of light soils.  
diameter: 370 mm

Double slatted roller

11



Suitable for year-round intense cultivation of light soils.  
diameter: 370 Mm / 270 mm

Single Crosskill Roller

12



An ideal solution for dry or overdry soil with excellent clod crumbling.  
diameter: 350 mm

Double Crosskill Roller

13



Double crosskill rollers with a self-cleaning effect. Ideal for all types of soil for perfect crumbling and compaction.  
diameter: 350/440 mm

Single Crosskill Roller for Rocky Soil

14



An ideal solution for crumbling clods in dry or overdry soils with a large quantity of rocks.  
diameter: 350 mm

Double Crosskill Roller for Rocky Soil

15



A double crosskill roller with a self-cleaning effect. An ideal solution for crumbling clods in dry or overdry soils with a large quantity of rocks.  
diameter: 350 / 440 mm

Double Roller

16



An ideal roller for quality two-step cultivation of medium and light soils in drier conditions.  
diameter: 470+370 mm  
610+370 mm

Tandem Spiked Roller

17



For effective cultivation of soil with a high quantity of crop residue after deep loosening with a chisel plough.  
diameter: 250 mm

Sandy – Tandem Spiked Roller

18



For effective cultivation of light soil with a high quantity of crop residue after deep loosening with a chisel plough.  
diameter: 400+250 mm

Cutpack

19



A heavy steel packer with a high cutting capability, suitable for heavy soils.  
diameter: 630 mm

Finish Crosskill Roller

20



An ideal roller to reinforce the crumbling effect of the crosskill rollers.  
diameter: 350 mm

# CONTACT

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## Open Configurator

Configure your own BEDNAR machine







# **BEDNAR**



INNOVATIVE  
TECHNOLOGY



HIGH  
PRODUCTIVITY



EASY  
OPERATION



AGRONOMIC  
KNOW-HOW

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