

4 NOVELTY!



IRON WITH SOUL!

AGROKALINA TILLAGE & SEEDING MACHINES 2020

VERSION 1





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COMPACTOR KOMPAKT

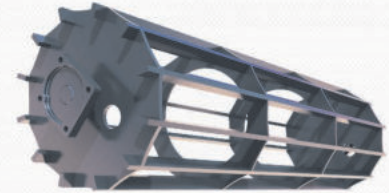


- Grinding
- Leveling
- Loosening the surface of the soil to a precise depth (from 2 cm or more)
- Keeping moisture in the soil
- Packing soil layer over the seed bed

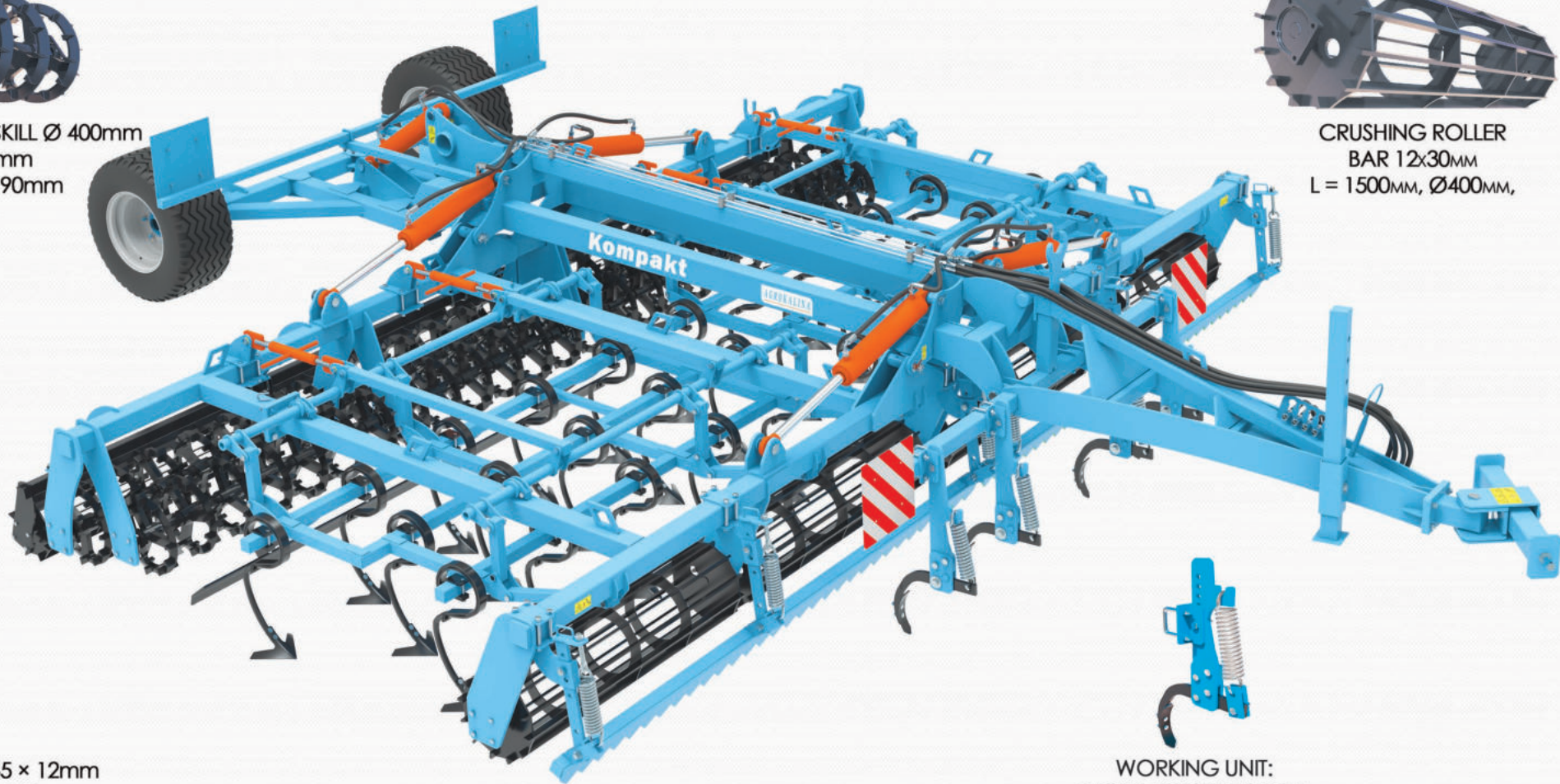
PREPARE A SEEDBED IN 1 PASS



FINISH ROLLER CROSSKILL Ø 400mm
INNER DIAMETER † 56mm
BUSHING WIDTH: 65 / 90mm



CRUSHING ROLLER
BAR 12x30MM
L = 1500MM, Ø400MM,



S-shaped RACK 65 × 12mm
SHARE BELLOTA 260 mm



WORKING UNIT:
CHISEL-SHARE BELLOTA

- Fine soil sowing preparation in one pass
- Increased daily output at high operating speed
- Using FINISH roller for better grinding effect
- Combination up to 7 working operations at once
- High quality maintenance-free FKL bearing units

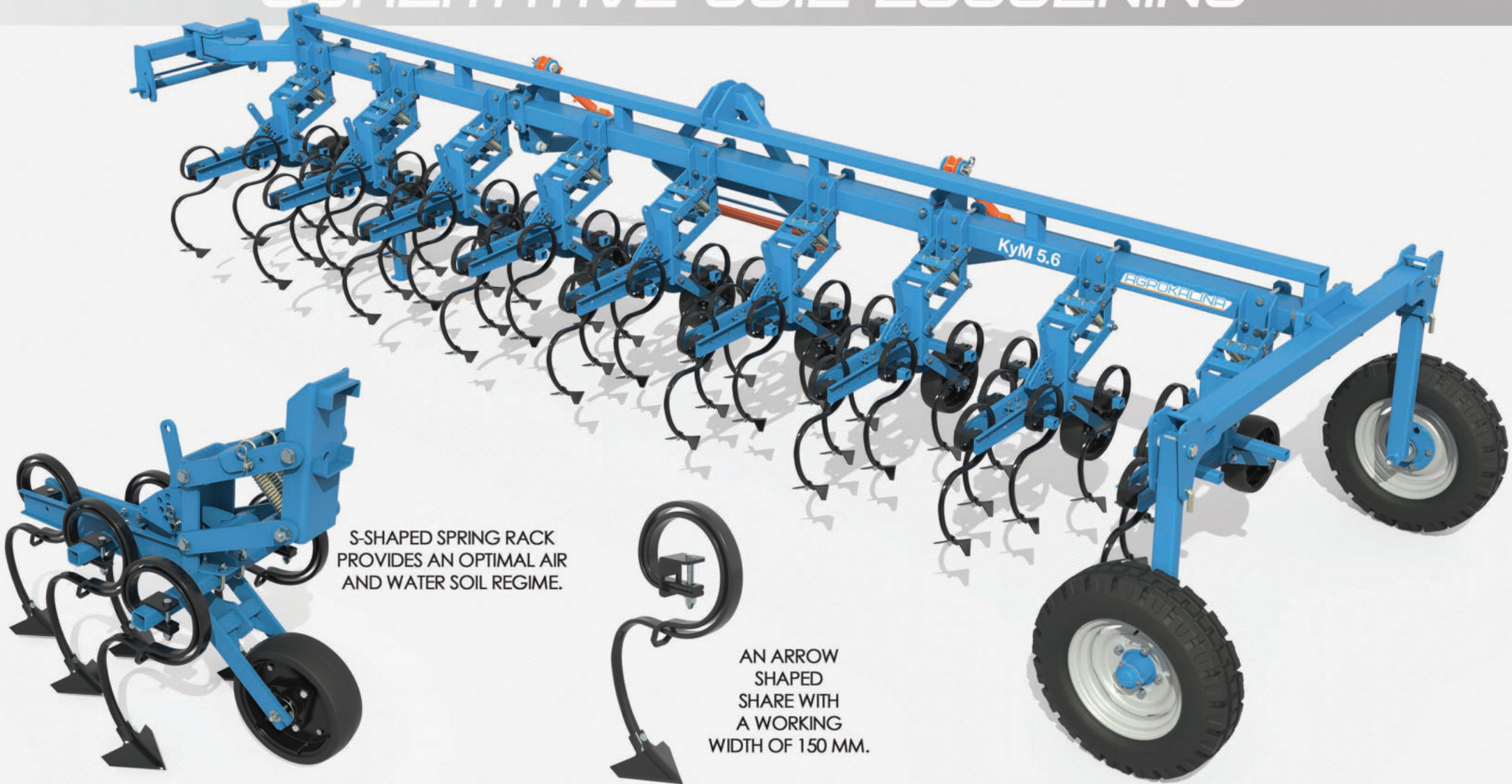
Tractor PTO (HP)	Working Units	Chisel-Shares (x)	Weight (kg)	Width (m)
90-110	3	15	2500	200
110-150	4	20	3500	
150-180	5	24	4400	
180-240	6	30	5300	
240-310	8	39	7000	
310-340	9	45	7500	

WEEDING CULTIVATOR UIRC (UNIVERSAL INTER-ROW CULTIVATOR)



- Weeding cultivator UIRC-5,6 without applying fertilizers, with transport unit is intended for inter-row eight row's cultivation of high-stem weeding crops, sowed with inter-row spacing 450-750 mm in all soil and climatic zones.
- The working speed is up to 10 km/h, which provides tillage productivity, respectively 6.0 / 5.8 and 4.5 hectares per hour, excluding areas with rocky soils.

QUALITATIVE SOIL LOOSENING





S-SHAPED SPRING RACK PROVIDES AN OPTIMAL AIR AND WATER SOIL REGIME.

AN ARROW SHAPED SHARE WITH A WORKING WIDTH OF 150 MM.



- Weeding cultivator UIRC not only loosens the soil and eliminates weeds, but also have a possibility to dress crops with fertilizers
- The cultivator provides qualitative inter-row soil loosening to a precise depth.

				
from 80	700	5,6	9	1300
from 150	700	9	13	1900

VERDIS *TURBO CULTIVATOR*



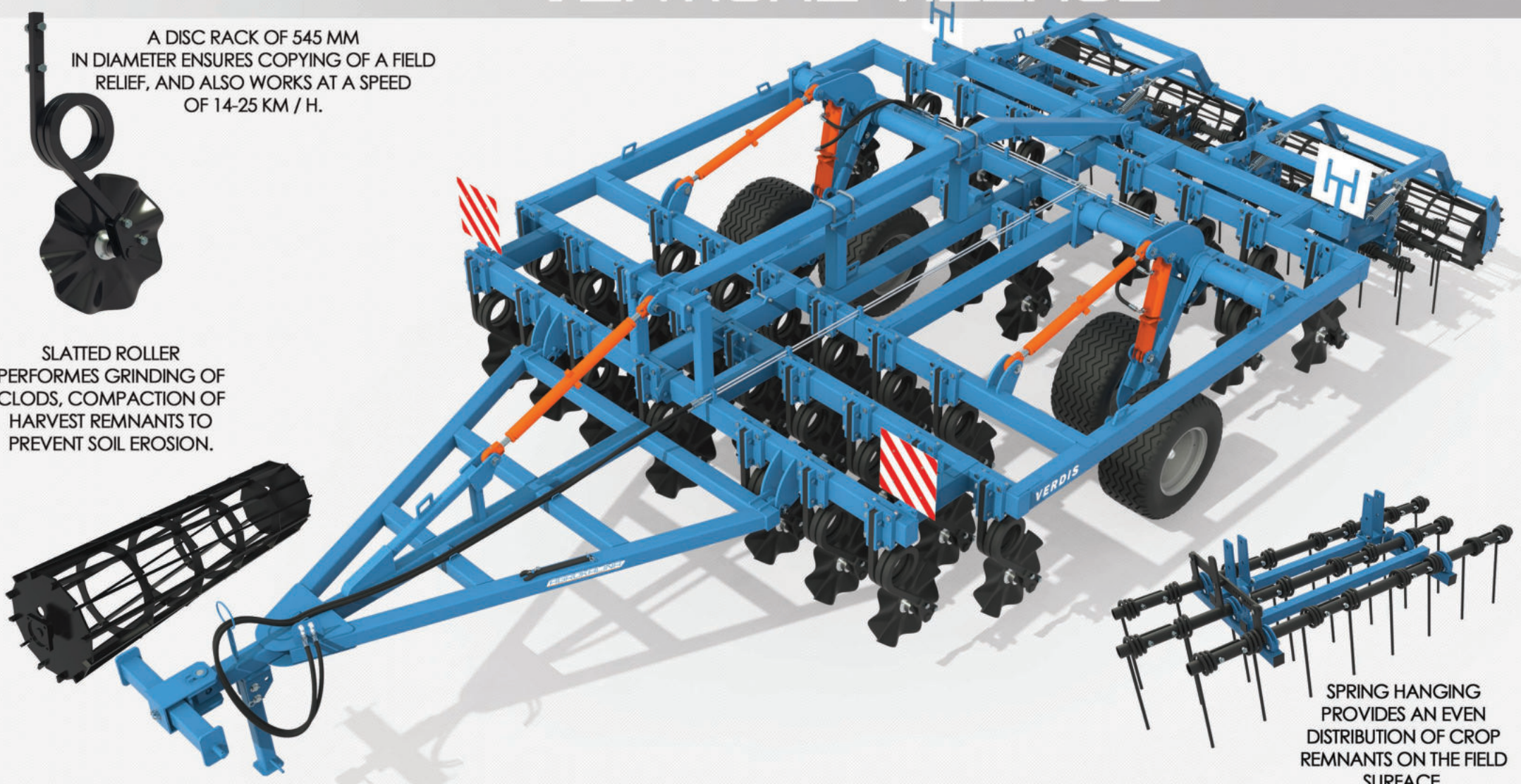
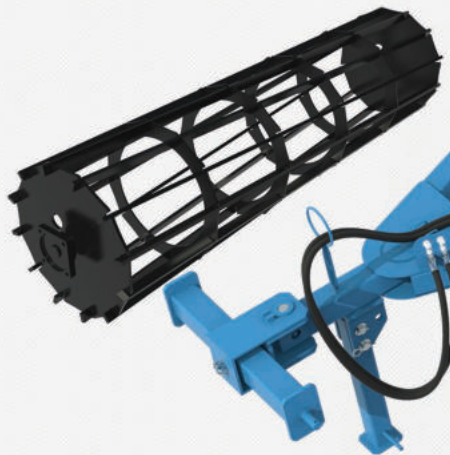
- VERDIS disc implements provide vertical tillage that prevents compaction and accelerates mineralization of crop residues.
- The multi-row arrangement allows to process a large amount of crop residues at high speed without clogging even on heavy humid soils.

VERTICAL TILLAGE

A DISC RACK OF 545 MM IN DIAMETER ENSURES COPYING OF A FIELD RELIEF, AND ALSO WORKS AT A SPEED OF 14-25 KM / H.



SLATTED ROLLER PERFORMES GRINDING OF CLODS, COMPACTION OF HARVEST REMNANTS TO PREVENT SOIL EROSION.



SPRING HANGING PROVIDES AN EVEN DISTRIBUTION OF CROP REMNANTS ON THE FIELD SURFACE.



- Soil pre-grinding
- Cultivates sowing soil up to 20 cm
- Final grinding
- Soil compaction

180-240		545	25	50-120	4,0	4330	6700
320-380					6,0		9300

DISC HARROW DEFT



- The transport axel is located in front of the rear roller, which ensures stability at high speeds and a small turning radius
- The rear 3-parts rollers overlap and form a qualitatively leveled field surface
- Front support wheels provide better stability and improved handling control during fast movement
- Fast and low-cost stubble cultivation to a depth up to 10 cm
- Flat surface is reached due to the large spacing of the second disc's row and the rear rollers

GRIND CROP RESIDUES



U-SHAPED PACKERS Ø590mm
PROVIDE AN INTENSIVE
CONSOLIDATION



HUB BEARING FKL



DISC Ø510mm
AND RACK BELLOTA



- Spring 3D rack - precisely copies the field microrelief
- Disc's spacing 125 mm with an optimal combination of working angles along the vertical of the relatively movement
- Double-row radial-thrust hub bearings FKL of the closed type are maintenance free and have 2 years warranty



90-110
150-170
180-210
250-280

510

5

125

24
40
48
64

3
5
6
8

2500
5300
5800
7700



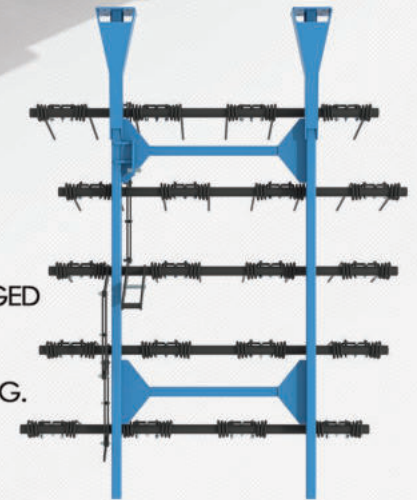
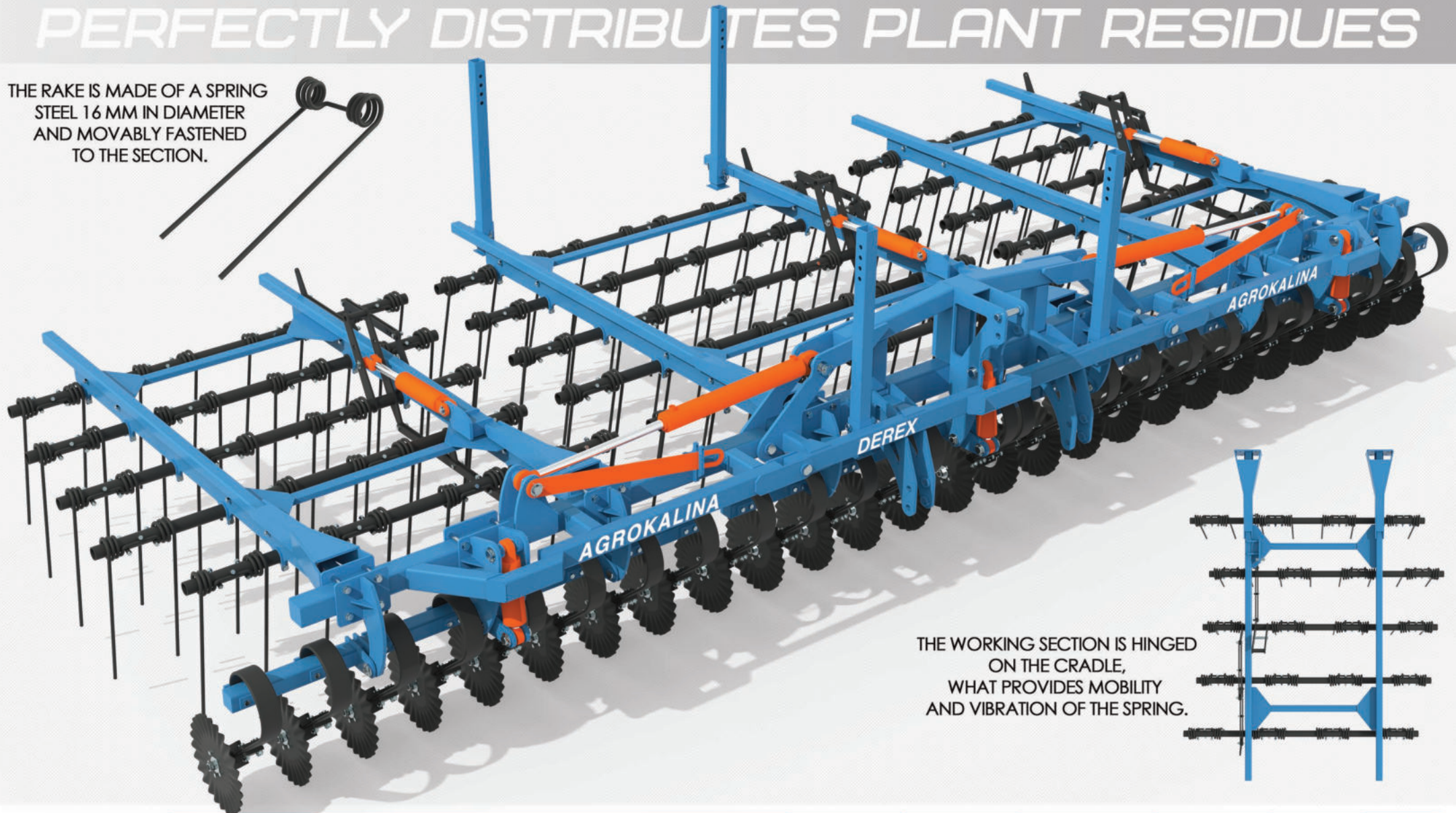
SPRING HARROW DEREX



- Cutting coulters or cutting roller Trash Cutter for disruption of stalks and uncut stubble or hydraulic bar.
- Management of plant remnants after harvest, spring preparation on heavy wet soils.

PERFECTLY DISTRIBUTES PLANT RESIDUES






THE RAKE IS MADE OF A SPRING STEEL 16 MM IN DIAMETER AND MOVABLY FASTENED TO THE SECTION.



THE WORKING SECTION IS HINGED ON THE CRADLE, WHAT PROVIDES MOBILITY AND VIBRATION OF THE SPRING.



- Robust design is easily aggregated with tractors from 180 h.p.
- Easily adjustable working angle of the spring.
- Meadow and pasture treatment.
- Springs 16 mm in diameter.

			 X	
from 150	40	8	8	2400
from 220	40	9	10	2900

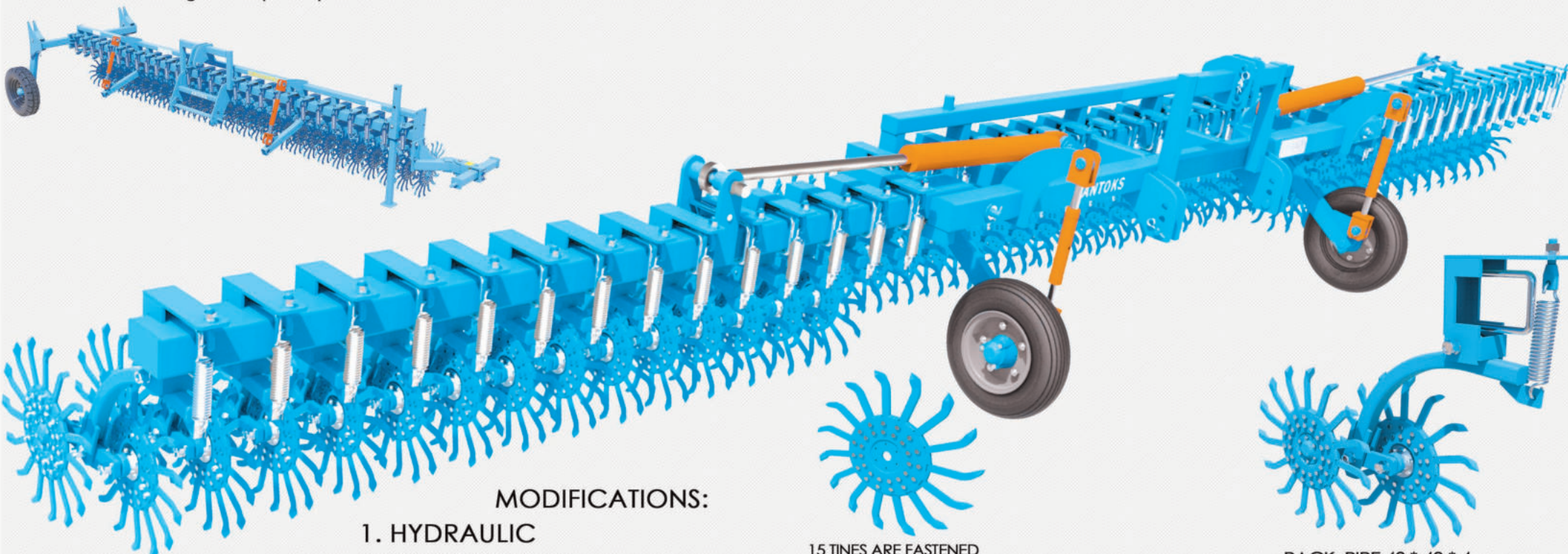
ROTARY HARROW ANTOKS



- The unit effectively and evenly loosens the soil without damaging the plants
- The implement is well equipped for both solid and inter-row cultivation
- Inter row spacing is adjustable from 100 mm
- The tension spring (not compression) eliminates the fracture of the rack
- The discs are placed on the rocker, which allows accurately copy the field unevennesses

DESTROY THE CRUST, COVER MOISTURE

harrow ANTOKS - 6 - ST (with chassis)
working width (5.4 m)



MODIFICATIONS:

1. HYDRAULIC
2. ON SOLID BAR
3. ECO
4. ECO WITH CHASSIS

15 TINES ARE FASTENED
WITH TWO BOLTS (EASY REPLACEMENT)
SPIKE FORM + SOIL PENETRATION AT 90 ° CREATE
MICRO-EXPLOSION EFFECT

RACK: PIPE 40 * 40 * 4
TENSION BOLT ADJUSTS
RIGIDITY



- Loosening of the surface layer and soil aeration
- Destroying of the weed shoots in the thread stage
- Cultivate the soil even with a sprouted plant
- Processing depth is up to 3-5 cm

45-60	4	40		680
80-120	6	58	500	1350
80-120	9	86		

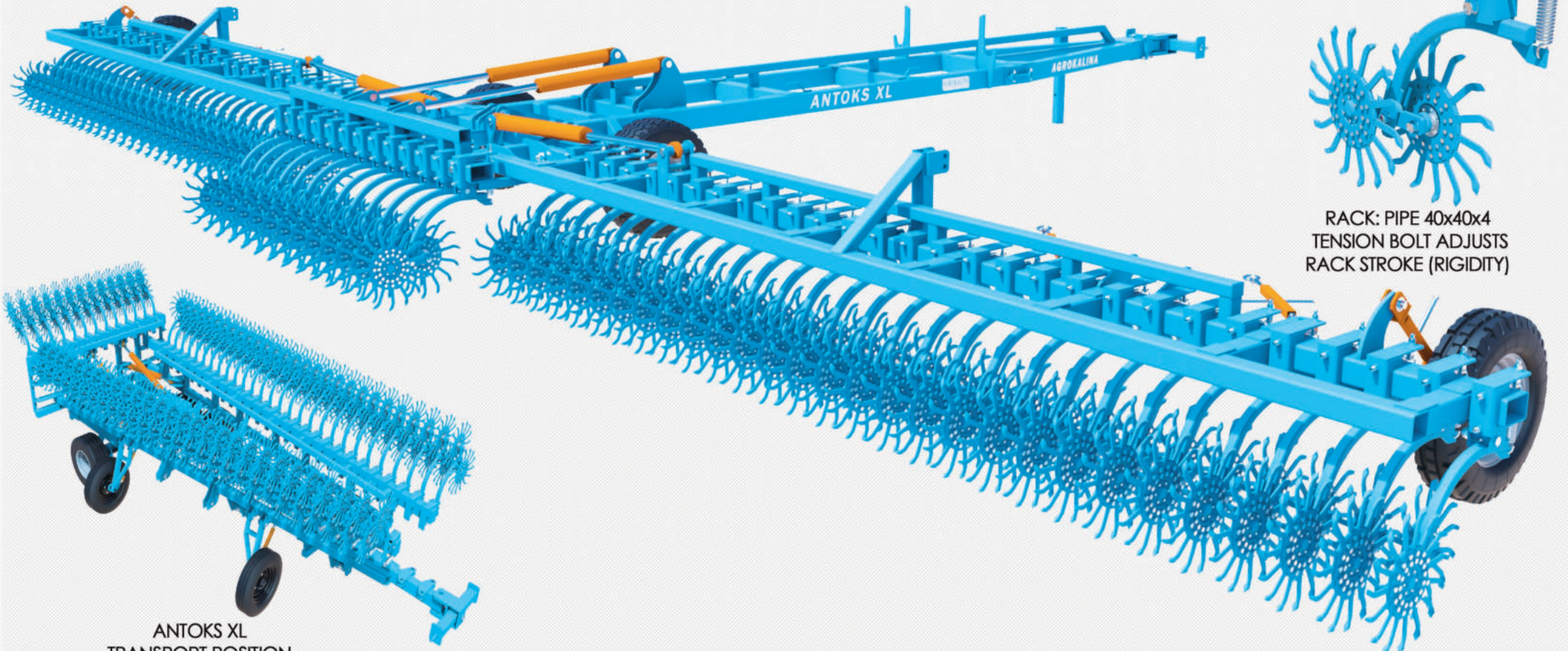
ROTARY HARROW ANTOKS XL



- New improved disc rack design
- Special tines geometry, ensuring penetration at a right angle
- FKL bearing assembly does not require lubrication and adjustment
- The possibility to perform both solid and inter-row processing
- Increased wearability of composite materials

WORK FOR MAXIMUM

EASY TRANSFORMATION 3 IN 1



RACK: PIPE 40x40x4
TENSION BOLT ADJUSTS
RACK STROKE (RIGIDITY)

ANTOKS XL
TRANSPORT POSITION



- 3 in 1 versatility - if desired or as needed (field topography, etc.) it is possible to disconnect half of the wing and get two 6 meters long harrows ANTOKS
- Each half-wing is equipped with a hitch system
- Possibility of the individual tine replacement

		 x		
110-140	12	118		up to 3900
130-170	14	138	500	up to 4500
180-250	18	178		up to 5900

SPRING HARROW BPSH

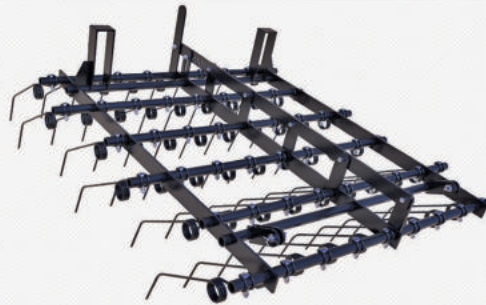


- The robust design is easily aggregated with tractors from 80 h.p.
- Easily adjustable working angle of the spring
- Springs of 6 and 7mm in diameter
- Chemical treatment alternative
- Destruction of weeds in the thread phase on all crop types

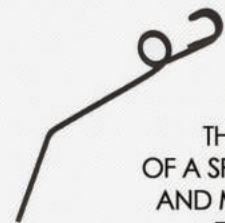
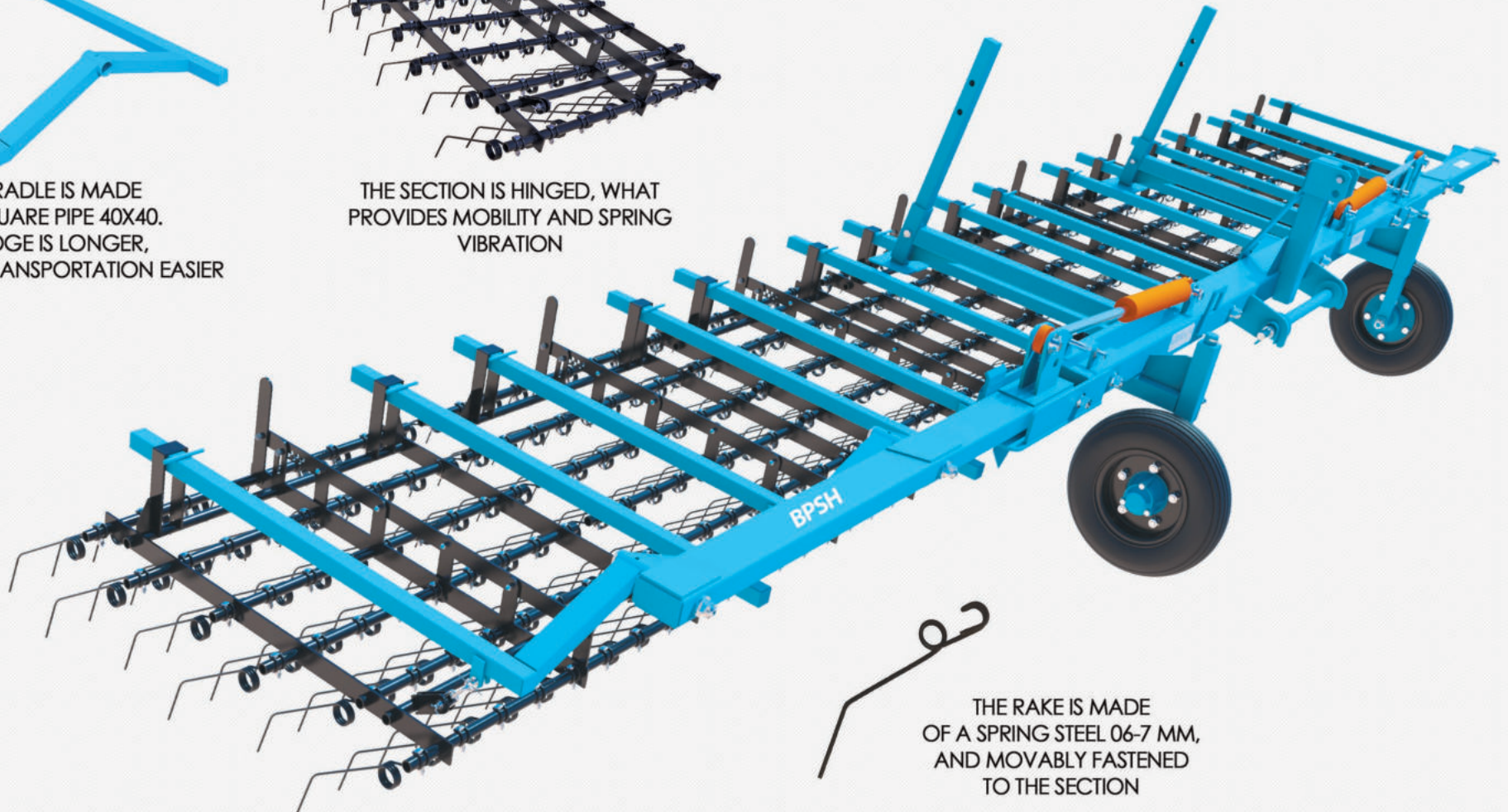
DESTROY WEEDS



THE CRADLE IS MADE OF A SQUARE PIPE 40X40. ONE EDGE IS LONGER, THAT MAKES TRANSPORTATION EASIER







THE SECTION IS HINGED, WHAT PROVIDES MOBILITY AND SPRING VIBRATION



THE RAKE IS MADE OF A SPRING STEEL 06-7 MM, AND MOVABLY FASTENED TO THE SECTION



- Positive effects when using BPSH:
 - Soil aeration
 - Water balance regulation (capillary destruction)
 - Strengthening of the main crop
- Works on seedlings up to 15 cm.

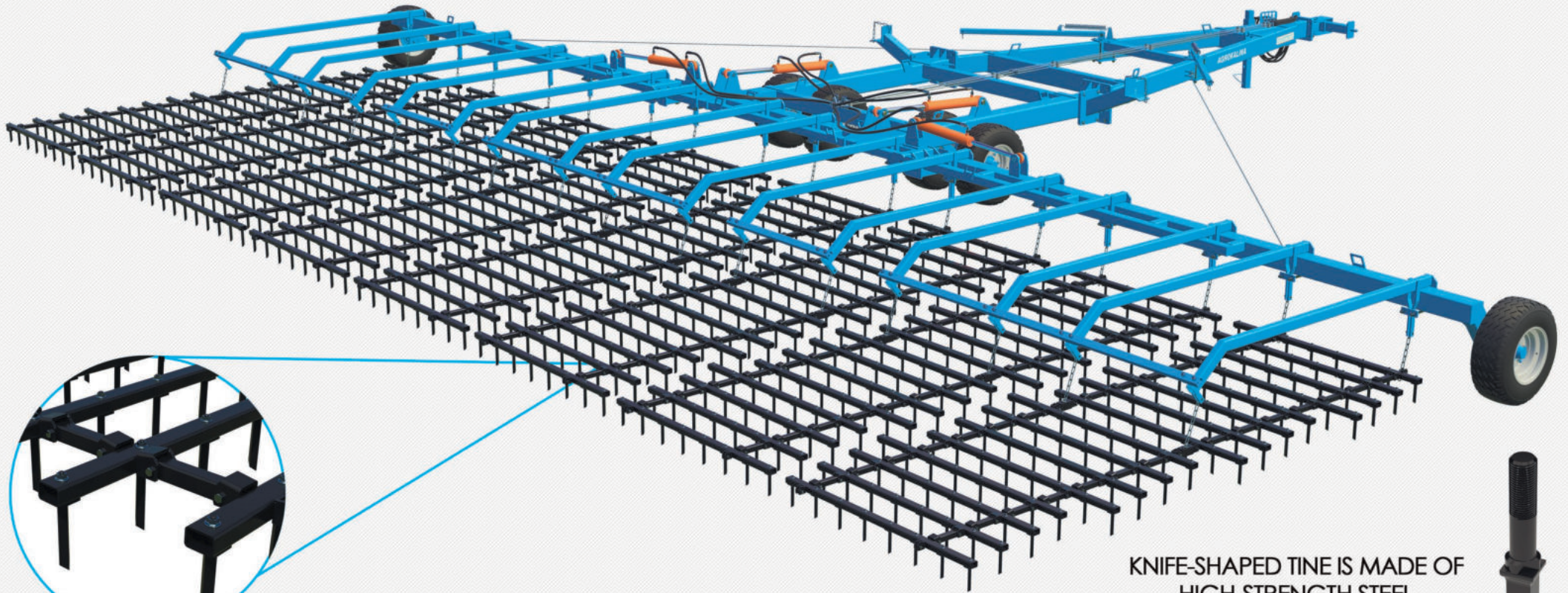
			
80-105	8	4,2	950
90-105	10	4,2	1050

DAISY-CHAIN HARROW SANIKA



- Loosening and levelling the top soil layer
- Contributes to the soil moisture conservation
- Eliminates weeds, turning them into organic fertilizer
- Prevents drying of the soil

LEVEL, LOOSEN, BREAK



LOOPS ARE HINGED

KNIFE-SHAPED TINE IS MADE OF HIGH-STRENGTH STEEL



- Mounted 6-rows daisy chain harrow with adjustable tine's working angle
- The working component is a knife-shaped tine (with a square intersection)
- Tines are located at the rate of 67 tines on 1m of working width
- Overlapping of tines in the daisy chain section is 14.75 mm

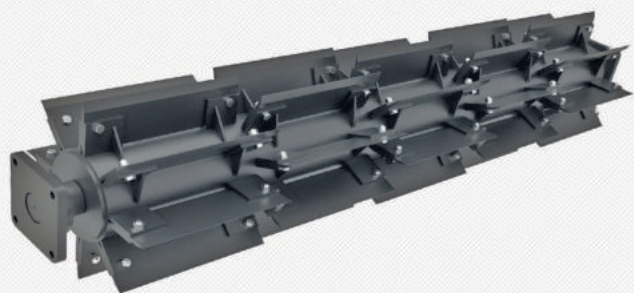
		 X	 X M ²	 kg
from 210	15 M	1024	67	5100

CRUSHING ROLLER CRUSH



- High-quality grinding
- Double sided knives
- High working speed
- Easy to set up and operate
- High grinding efficiency over large areas with minimal fuel rate per hectare

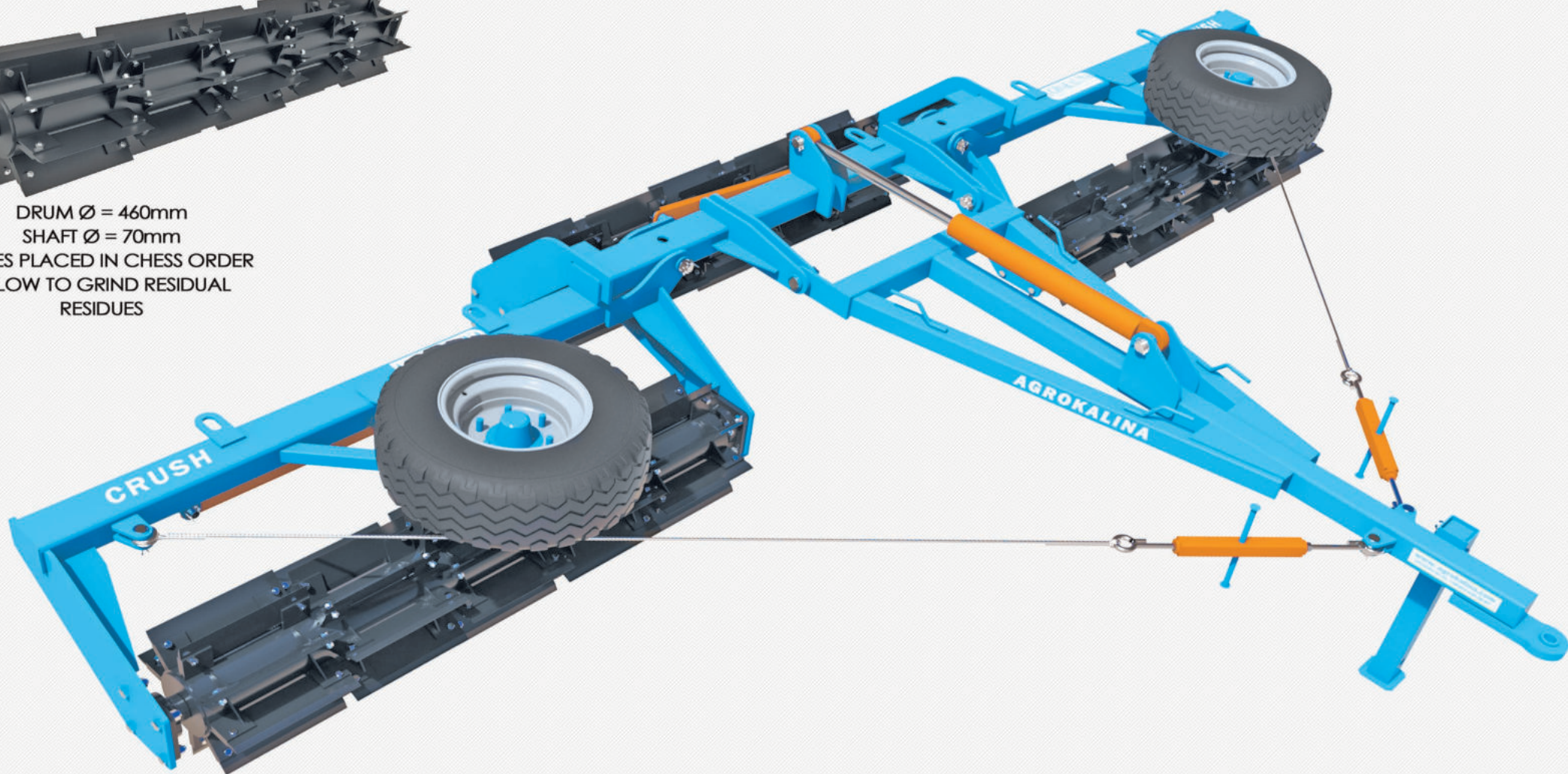
LEVELLING, GRINDING, MULCHING



DRUM Ø = 460mm

SHAFT Ø = 70mm

KNIVES PLACED IN CHESS ORDER
ALLOW TO GRIND RESIDUAL
RESIDUES



- CRUSH is a grinding, water filled, hydraulic, crushing roller, what perfectly performs grinding crop residues after sunflower, corn, stubble and also levelling and partial field surface mulching
- Working component is a knife H = 120 mm, L = 400 mm from high strength steel and sharpened on both sides.
- Each drum fitted out with 40 knives.



80-105

460MM

3

6

1838

150-180

460MM

5

10

3500

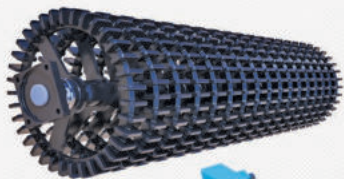
COMBINED AGGREGATE AK



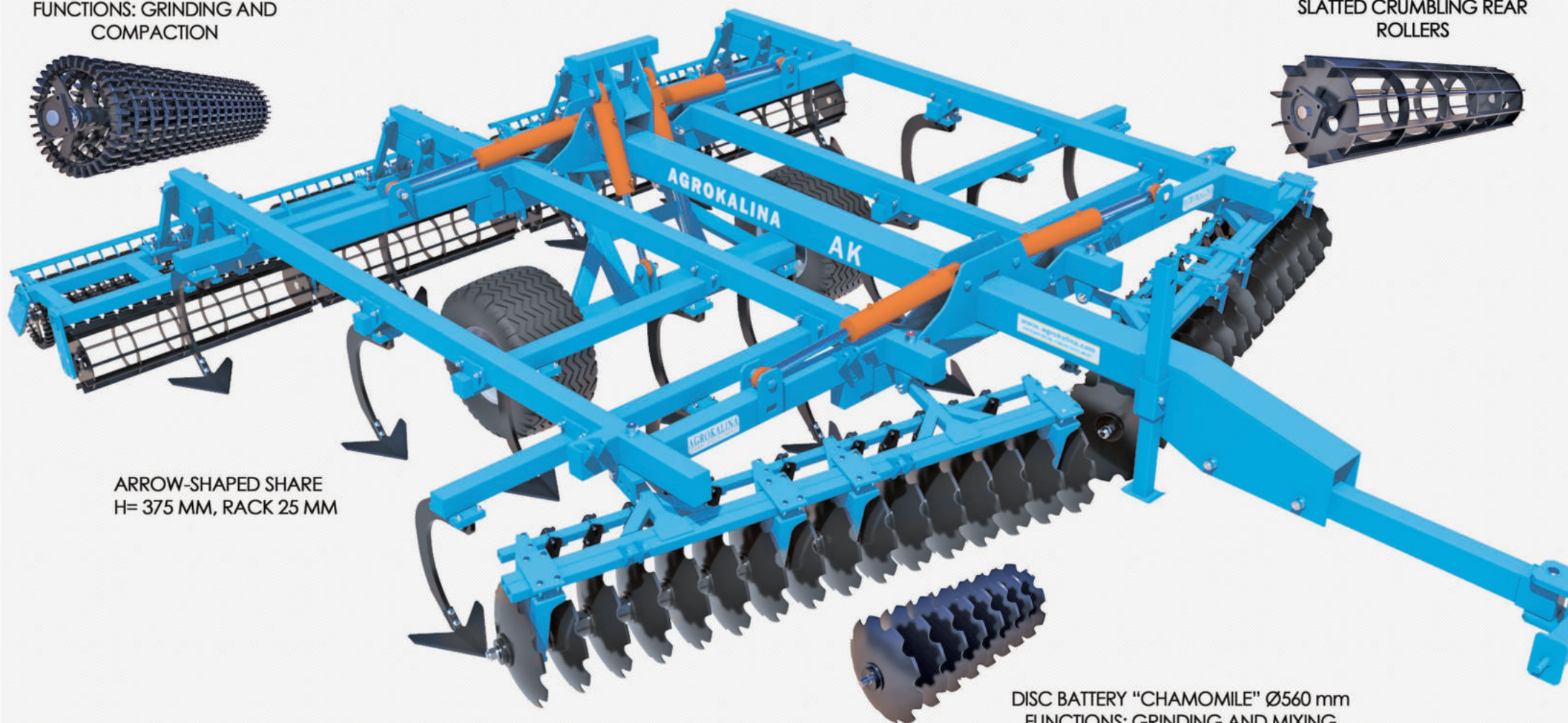
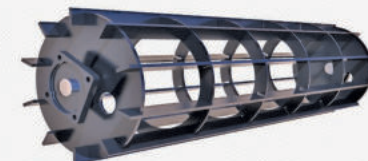
- For solid (3-20 cm) tillage and cutting weeds on untreated and scuffed soils
- Soil preparation for sowing cereals and industrial crops
- Rollers perfectly provide final grinding and compaction of the seed layer
- Up to 5 operations in one pass
- Packing rollers included

COMBINE GRINDING AND COMPACTION

SPOUR REAR ROLLERS Ø400 mm,
FUNCTIONS: GRINDING AND
COMPACTION



SLATED CRUMBLING REAR
ROLLERS



ARROW-SHAPED SHARE
H= 375 MM, RACK 25 MM

DISC BATTERY "CHAMOMILE" Ø560 mm
FUNCTIONS: GRINDING AND MIXING



- Soil pre-grinding
- Cultivates sowing soil up to 20 cm
- Final grinding
- Soil compaction

from 210					20	12		4			4100
from 260		560	6	200	26	15	360	5	3000		5000
from 310					32	18		6			6100

TOOTH-WEDGED PACKER CRUSH



- Reliable and through-over design solutions.
- Easy to set up, durable drums, 2 years hub bearings warranty.
- High levelling efficiency over large areas with minimum fuel rate per hectare.

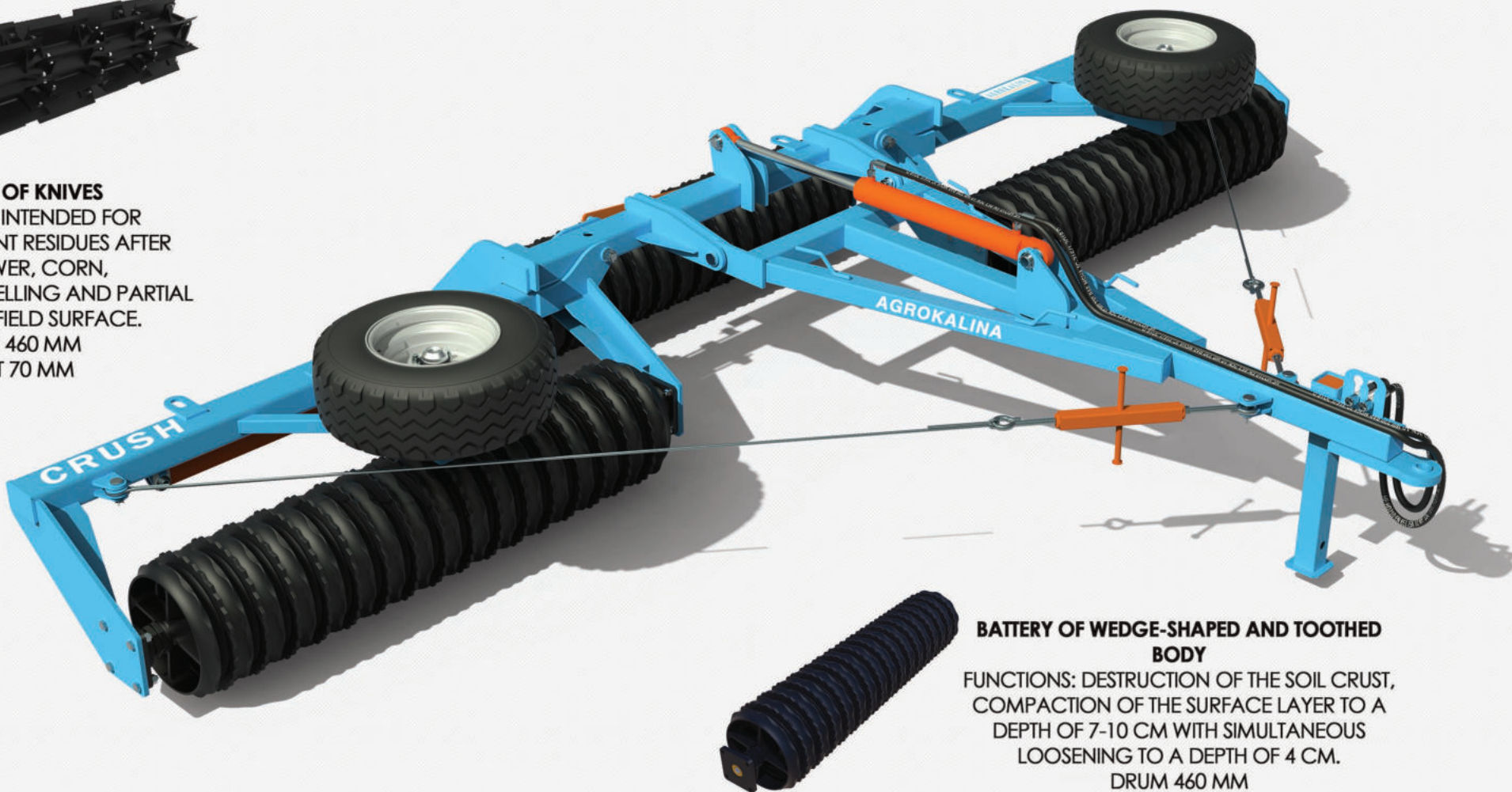
COMPACT, LOOSEN, DESTROY



BATTERY OF KNIVES

FUNCTIONS: INTENDED FOR GRINDING PLANT RESIDUES AFTER SUNFLOWER, CORN, STUBBLE, FOR LEVELLING AND PARTIAL MULCHING FIELD SURFACE.

DRUM 460 MM
SHAFT 70 MM



BATTERY OF WEDGE-SHAPED AND TOOTHED BODY

FUNCTIONS: DESTRUCTION OF THE SOIL CRUST, COMPACTION OF THE SURFACE LAYER TO A DEPTH OF 7-10 CM WITH SIMULTANEOUS LOOSENING TO A DEPTH OF 4 CM.
DRUM 460 MM



- Qualitative grinding of clods
- Destroying of soil crust
- High working speed
- Levelling field surface
- Easy replacement of drums with cutting ones

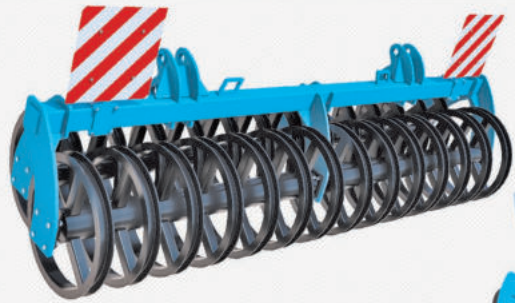
Tractor	Drum	Drum	Tractor	Tractor	Weight
80-105	460/470	3	6.0	2280	3000
80-105		5	10.0	3200	3500

CULTIVATOR MAKTILLER

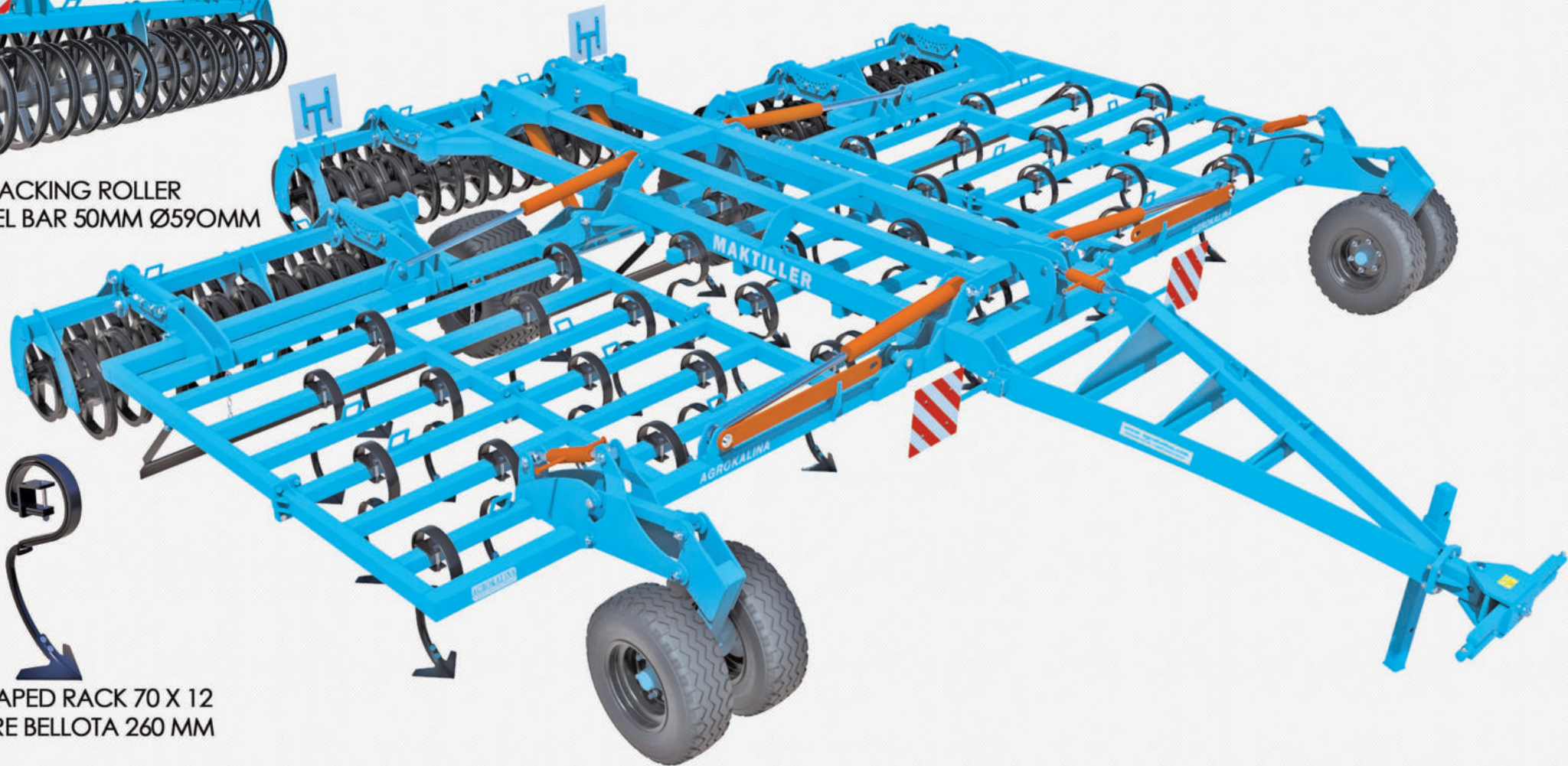


- The unit is designed for solid tillage, sowing preparation during early spring work and for winter crops, also performs the following operations:
 - cutting weeds
 - levelling
 - packing

MULTI-TYPE PROCESSING



PACKING ROLLER
CHANNEL BAR 50MM Ø590MM



S-SHAPED RACK 70 X 12
SHARE BELLOTA 260 MM

- Maneuverability and minimized number of adjustments
- Packing rollers compact the soil, creating favorable conditions for sowing
- Processing of various soil types up to 5-12 cm with weed control to 98%



from 270 to 140 mm

8 m

35 pcs

to 7000

SOWING COMPLEX GALAXI



- The universal sowing complex for work in any conditions after a plow or stubble
- Preparation of seed bed, soil compaction, sowing and packing in one working operation
- Allows accurately spread the seed at any conditions at high operating speed
- Universal application range – works after plowing or minimal tillage, performs direct sowing
- Easy to operate and maintain - quick and easy adjustment of the coulters, depth and amount of seed application

YOUR CROP GUARANTEE IS AVAILABLE

Parameter name	Units measurements	GALAXI – 4.0
1. Working width	mm	4000
2. Transport width	mm	4600
3. Transport height	mm	3100
4. Two-chamber hopper volume	l	5200
5. Fertilizer hopper volume	l	2080
6. Seed hopper volume	l	3120
7. Hopper loading hatch	mm	580-880
8. Number of coulters	pcs	28
9. Seeding coulters / rollers	mm	320
10. Seed discs diameter	mm	350
11. Row spacing	mm	150 or 300
12. Tyre packers	mm	900
13. Working speed	km/hour	10 – 20
14. Productivity	ha/hour	4 – 6
15. Max. Transport speed	km/hour	25
16. Number of disc BELLOTA	pcs	32
17. Working depth of discs	mm	20 – 100
18. Hydrofan oil consumption	l/min	35 – 45
19. Power System Requirements		12V DC/25A
20. Loading height	mm	3200
21. Aggregated with tractors	h.p.	from 180



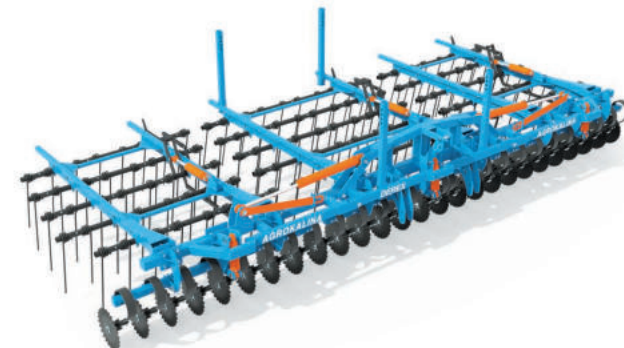
- Machine configuration, high frame and large assemblies spacing ensure good performance even in difficult conditions
- High performance - less traction and operating speed up to 10 to 20 km / h
- Large hopper volume and good maneuverability at the edge of the field
- Upgrade version proven by hectares of seeds will save fuel costs



DISC HARROW DEFT



WEEDING CULTIVATOR UIRC



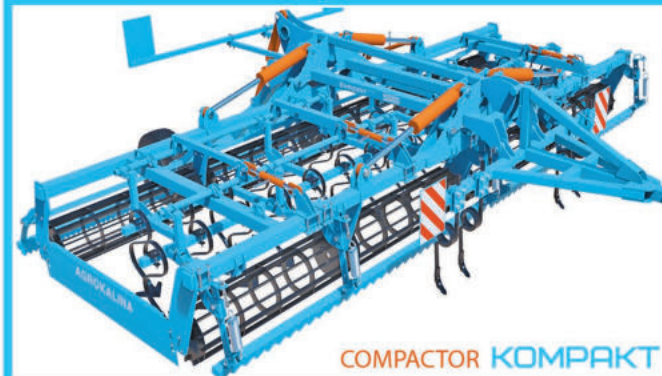
SPRING HARROW DEREK



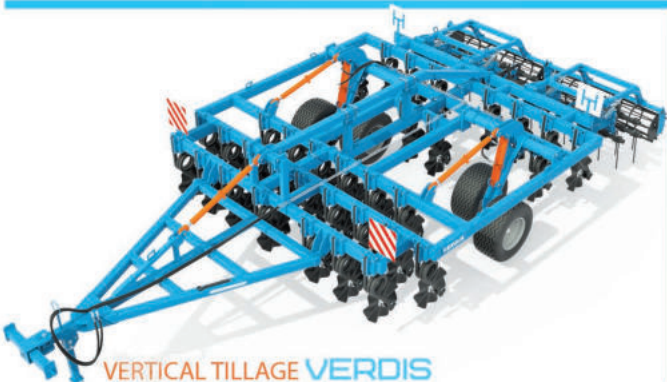
CRUSHING ROLLER CRUSH



ROTARY HARROW ANTOKS



COMPACTOR KOMPAKT



VERTICAL TILLAGE VERDIS



DAISY-CHAIN HARROW SANIKA



COMBINED AGGREGATE AK

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