

BATYRA



LET'S DO THE WORK

**WITH RELIABLE EQUIPMENT
PRODUCED TO LAST FOR MANY YEARS**



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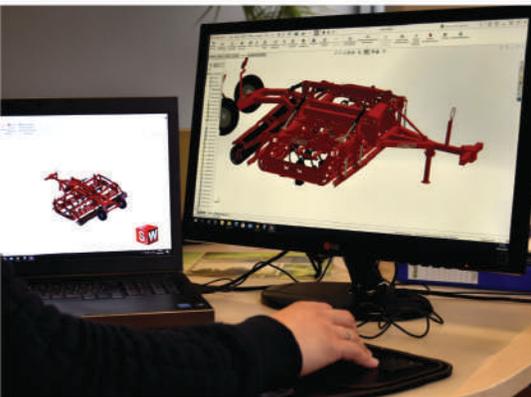


WHY YOU SHOULD BUY BATYRA?

- ✓ You get **reliable warranty**
- ✓ You benefit from **30 years of experience**
- ✓ You are one of over **10 000 satisfied customers**

LATEST TECHNOLOGIES GUARANTEE THE QUALITY OF YOUR MACHINE

Advanced 3D design



CNC cutting and milling



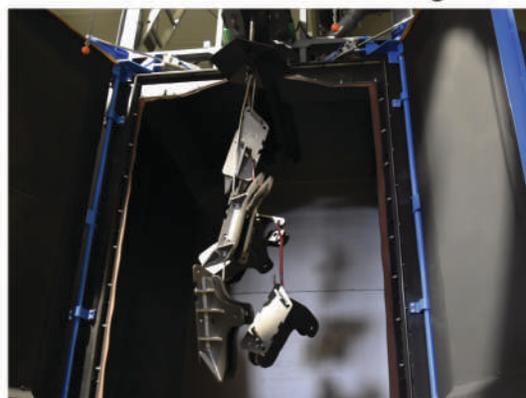
CNC bending



Automated welding



Automated shot blasting



Powder coating



YOUR MACHINE IS DELIVERED DIRECTLY FROM OUR FACTORY





GEPARD DISC HARROW WITH HYDROLIFT

WIDTH [m]	2.5	2.7	3.0
WEIGHT [kg]	1100	1200	1300
DISCS no.	20	22	24
POWER [HP]	80	80-100	100



DESIGNED WITH THE UNIVERSITY
OF LIFE SCIENCES IN LUBLIN

DISC HARROW WITHOUT HYDROLIFT

WIDTH [m]	2.0	2.2	2.5	2.7	3.0	3.5	4.0	4.0H	4.5H	5.0H	6.0H
WEIGHT [kg]	700	800	900	1000	1150	1400	1500	2400	2600	2900	3100
DISCS no.	16	18	20	22	24	28	32	32	36	40	48
POWER [HP]	35-50	55-65	65-70	75	80	100	120	130	140	160	190

RIGID FRAME



HYDRAULICALLY FOLDED



- Two rows of ϕ 560 type 'C' discs made of hardened boron steel
- Distance between discs sections - 70 or 90 cm (70 cm for harrows with hydrolift)
- Disc protection based on individual hardened 100x13 mm springs, which provides perfect amortization and smooth work of the harrow - allowing for best cultivation results
- Reliable maintenance-free hubs with cartridge mechanical seals and two cone bearings or SKF Agrihub type hub optionally
- Optimal disc angles developed over 12 years of production experience of disc harrows
- Hydrolift with two hydraulic cylinders in hydrolift version
- One row of finger tines before the roller provide additional soil fragmentation
- Side screens in the standard version
- Intuitive working depth regulation
- All parts and frame are shot blasted and powder coated (we use German powder coatings from Freilacke - Qualicoat)
- Full range of packer rollers



BATYRA

GEPARD

MODULAR VERSATILE DISC HARROW HYDRAULICALLY FOLDED



- **Modular** design allowing for individual configuration:
 - 1) standalone foldable mounted disc harrow
 - 2) option to add a front drawbar and wheels at the back at any time
 - 3) option to add a front drawbar and central wheels before the roller at any time - requires roller frames change
- Super **agile maneuvering** and **turning** on a field with the centrally located wheels and the front drawbar - as fast as in a mounted version
- Massive **200x200 mm** main body based on thick square profile
- Distance between discs sections **90 cm** allowing for perfect soil flow
- **Hydraulic** working depth adjustment in the standard version
- Reliable maintenance-free hubs with cartridge mechanical seals and **two cone bearings** / **SKF Agrihub** type hub optionally
- All parts and frame are **shot blasted** and **powder coated** (we use German powder coatings from Freilacke - Qualicoat)
- **Full range** of packer rollers

WIDTH [m]	4.0	4.5	5.0	5.5	6.0
WEIGHT [kg]	2 800	3 000	3 300	3 600	3 900
DISCS no.	32	36	40	44	48
POWER [HP]	130	140	160	180	200



DISC HARROW WITH TIRE ROLLERS AND HYDROLIFT



- The machine has all the properties of our GEPARD disc harrows, listed on the previous page (including ϕ 560, maintenance-free hubs, spring disc protection)
- Hydraulically adjusted **tire roller** provides proper soil consolidation
- **Semi-mounted** version allows for transport on the tire roller and reduced three-point suspension load
- **Hydrolift with two cylinders** allows for easy seeder implementation
- **Drawbar** provides easy maneuvering on fields and roads

WIDTH [m]	2.5	3.0
WEIGHT [kg]	1700	1900
DISCS no.	20	24
POWER [HP]	70	90

DISC HARROW WITH KNIFE ROLLER



- This harrow has all the features of the standard version **but also allows for even better cutting of stubble residues or after-crop**
- 3 sections: **knife roller, disc harrow and packer roller**
- **Knife roller** with hardened knives dynamically cuts stubble residues
- **Compact** construction allows the disc harrow to be used with tractors of limited power and weight
- **Full range** of packer rollers

WIDTH [m]	2.5	3.0
WEIGHT [kg]	1400	1600
DISCS no.	20	24
POWER [HP]	65-70	80



HELIOS VERSATILE LIGHT DISC HARROW



- Perfect for fast **stubble cultivation**, as well as for **seedbed preparation**
- Machine of similar construction as GEPARD disc harrow, with hub **directly connected with a spring**
- Maintenance-free **SKF AgriHUB type hubs**
- Machine available in **trailer version** with a drawbar and wheels



WIDTH [m]	2.0	2.2	2.5	2.7	3.0	3.5	4.0	4.0 H	4.5 H	5.0 H	6.0 H
WEIGHT [kg]	700	800	900	1000	1150	1400	1500	1900	2100	2300	2700
DISCS no.	16	18	20	22	24	28	32	32	36	40	48
POWER [HP]	35-50	55-65	65-70	75	80	100	120	130	140	160	190

TOPDISC HEAVY DISC HARROW FOR HIGH STUBBLES, AFTER-CROP AND VEGETABLE RESIDUES MOUNTED VERSION

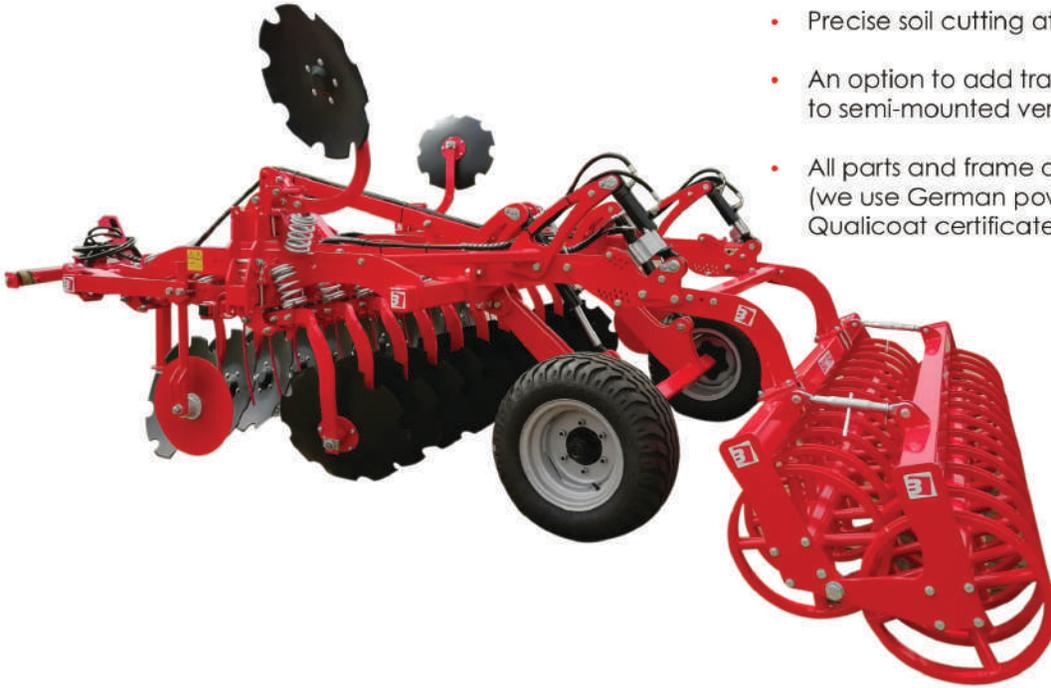




TOPDISC SEMI-MOUNTED VERSION

- Two rows of ϕ 620 6 mm thickness discs
- **Spring protection** of hardened tines with discs
- Reliable maintenance-free hubs with **cartridge mechanical seals**
- Cultivation up to **15 cm** without clogging
- Precise soil cutting at the **entire working width**
- An option to add transport wheels and drawbar to convert to semi-mounted version
- All parts and frame are **shot blasted** and **powder coated** (we use German powder coatings from Freilacke - with Qualicoat certificate)

RIGID FRAME



HYDRAULICALLY FOLDED FRAME



DATA FOR MOUNTED VERSION

	2.5	3.0	3.5	4.0 H	4.5 H	5.0 H	5.5 H	6.0 H
WIDTH [m]	2.5	3.0	3.5	4.0 H	4.5 H	5.0 H	5.5 H	6.0 H
WEIGHT [kg]	1600	2 000	2 400	3 300	3 700	4 000	4 400	4 800
DISCS no.	20	24	28	32	36	40	44	48
POWER [HP]	100	120	140	160	180	200	220	250



OMEGA HEAVY SEMI-MOUNTED DISC HARROW



- Two rows of ϕ 560 type 'C' 4 mm or ϕ 620 Lemken Rubin type 6 mm discs
- Disc protection based on **individual hardened 100x13 mm springs**, mounted on **amortized wings**
- **Amortized hydraulic suspension system with road wheels and drawbar**, providing smooth and safe transport
- Optional **front knife roller**

WIDTH [m]	4	5	6
WEIGHT [kg]	4 900	5 800	6 700
DISCS no.	32	40	48
POWER [HP]	140	180	220

KULT NO-TILL CULTIVATOR



- Three rows of indestructible Bianchi Italy **spiral hardened tines 40x40 mm**, providing perfect protection and amortization in all directions
- **Hardened chisels**
- **Row of concave discs** behind tines to properly prepare soil before compacting
- **Folded discs in 3 m version**
- Cultivation up to **30 cm**
- Shallow cultivation available with **side cutting wings** mounted
- **Full range** of pacer rollers

WIDTH [m]	2.0	2.5	3.0	3.5	4.0
WEIGHT [kg]	1 000	1 400	1 600	1 800	2 200
TINES no.	7	9	11	13	15
POWER [HP]	80	115	140	180	210



SELECT NO-TILL CULTIVATOR



WIDTH [m]	2.5	3.0
WEIGHT [kg]	1500	1800
TINES no.	8	10
POWER [HP]	120	150

- Three **Horsch Terrano type** tines and working elements
- **Double spring** tine protection
- **Hardened working elements** and tine mouldboards allowing for long-life usage
- **Row of concave discs** behind tines to properly prepare soil before compacting
- **Hydraulic working depth** adjustment in standard version
- Massive frame based on thick **100x100 profile**
- **85 cm** space from the ground level to the frame
- Cultivation up to **30 cm**
- **Full range** of packer rollers

SELECT HYDRAULICALLY FOLDED NO-TILL CULTIVATOR



WIDTH [m]	3.7	4.3	5.0
WEIGHT [kg]	3 000	3 400	3 800
TINES no.	12	14	16
POWER [HP]	170	190	220

- **Hydraulic folding** into three parts: full flexibility to work at two cultivation widths:
 - **folded** - deep cultivation with the middle part up to 30 cm
 - **unfolded** - shallow cultivation with full width with wings opened



DIGGER SUBSOILER ON BENT (MICHEL) OR STRAIGHT (KRET) TINES



SPRING PROTECTION - MICHEL



BOLT PROTECTION - KRET



BOLT PROTECTION - MICHEL



BOLT PROTECTION - KRET)

MICHEL/KRET (spring protection type with spike roller)

WIDTH [m]	3.0	3.0	4.0
WEIGHT [kg]	1950	2200	2800
TINES no.	4	6	8
POWER [HP]	160	160-220	240

KRET (bolt protection type with roller)

WIDTH [m]	1.7	2.4	5 and 6 tines available
WEIGHT [kg]	980	1300	
TINES no.	3	4	
POWER [HP]	80-110	110-150	

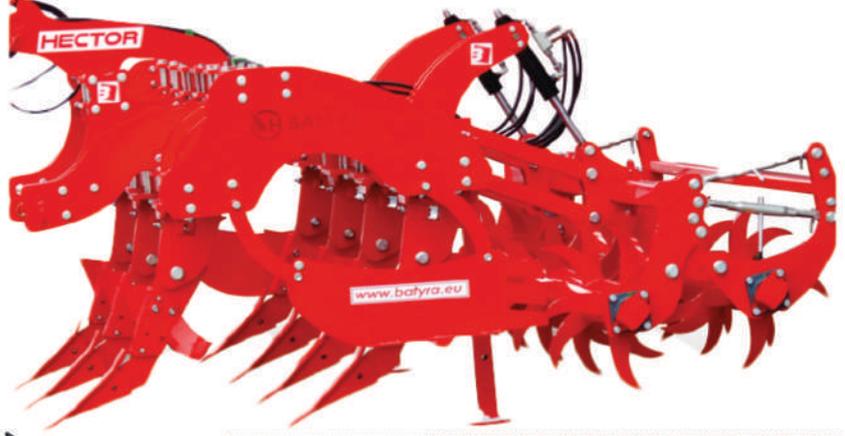
- 85 cm space from the ground level to the frame
- Cultivation up to 45-55 cm
- Massive and strong frame based on heavy 200x100 mm of 10 mm thickness
- Additional profiles strenghtening the main frame
- Bold or spring protection
- Hardened chisels and tine protectors guaranteeing longevity
- Full range of working widths, tine spacing and roller types

*Selected data for popular configurations - ask us for your type!





HEKTOR CHISEL PLOUGH (HYDRAULIC AND BOLT PROTECTION)



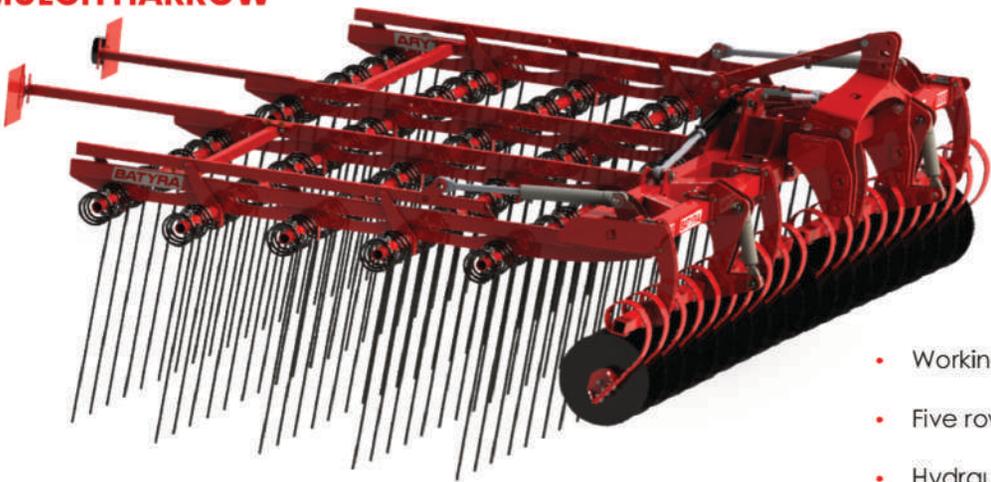
WIDTH [m]	2.5	3.0
WEIGHT [kg] *	1400	1700
TINES no.	5	7
POWER [HP]	100-150	120-180

* WEIGHTS FOR BOLT PROTECTION

New double-sided chisel

- **Bolted construction** (ca. 100 kg of bolts and nuts), which suppresses vibrations
- Cultivation up to **45-50 cm** with tractors of **limited power** and weight
- **Bolt** tine protection
- **Two-sided chisels** made of hardened steel guaranteeing longevity and replacement comfort
- Tandem **sipke roller**
- Special **hydraulic cylinders** adjusting **working depth**, which witheld strong forces during work in difficult conditions
- The regulation of **angles** and **distance** between rollers provide full flexibility in roller adjustment
- **Side screens** copying the terrain prevent from soil build-up outside working width
- All parts and frame are **shot blasted** and **powder coated** (we use German powder coatings from FreiLacke - Qualicoat)

VECTRA MULCH HARROW



WIDTH [m]	3.0	5.0	6.0
WEIGHT [kg]	900	1250	1400
POWER [HP]	60	80	90

- Working widths from **3 m to 7,5 m**
- Five rows of **ø 16 mm / 763 mm** working tines
- Hydraulic adjustment of **tines angles**
- Hydraulic folding with secure **transport lock**
- Optional equipment: row of hydraulically adjusted **460 mm discs** or **levelling board**
- All parts and frame are **shot blasted** and **powder coated** (we use German powder coatings from FreiLacke - Qualicoat)
- Option to install **after-crop spreader**



COMPACT HEAVY SEEDBED CULTIVATOR HYDRAULICALLY FOLDED



COMPACT RIGID FRAME



- **Adjustable front leveling board** for initial soil levelling
- Soil **pre-consolidation** by the **front string roller**, which **crumbs clods** and **consolidates the soil** as well as restores the soil **capillarity**
- **Two or three rows** of working tines with **goose feet** depending on selected machine version
- Available options: **25x25 mm SG spring tine** and **250 mm goose foot** - (preferred and recommended); **SX spring tooth** and **250 mm goose foot**; **32x12 spring tooth** with reinforcement and **180 mm goose foot**
- **Crushing and leveling section** consisting of rear string roller, levelling board, and iron cast roller
- **4-6 m** version is hydraulically folded
- Option to extend the machine with **front drawbar** and **road wheels** allowing for **easy transport** and **field maneuvering**
- All parts and frame are **shot blasted** and **powder coated** (we use German powder coatings from FreiLacke - Qualicoat)

WORKING PARTS TYPES



SG 25x25, goose foot 250 mm



SX, goose foot 250 mm



32x12 with reinforcement,
goose foot 180 mm

WIDTH [m]	2.5	3.0	4.0 H*	4.5 H*	5.0 H*	5.5 H*	6 H*
WEIGHT [kg]	1400	1600	3 200	3 400	3 600	3 800	4 000
TINES no. [SG 25x25]	10 [14]	12 [16]	16 [22]	18 [25]	20 [28]	22 [31]	24 [34]
POWER [HP]	80	115	140	140	180	180	220



LEW TINE CULTIVATOR WITH HYDROLIFT



- **Three rows of hardened spring tines** preventing from clogging and allowing for smooth cultivation
- **Front string roller** combined with a rear roller (chosen by a customer) provide perfect terrain copying
- **Hydrolift with two cylinders** and 5 ton capacity
- Adjustable **seeder holders** for **100% stability** and **automatic catch bar**
- All parts and frame are **shot blasted** and **powder coated** (we use German powder coatings from Freilacke - Qualicoat) Qualicoat)
- **Full range** of packer rollers

WIDTH [m]	2.5	2.7	3.0
WEIGHT [kg]	740	790	840
TINES no.	18	20	22
POWER [HP]	65-70	70-80	80-110

TORNADO AFTER-CROP SPREADER



We are the official distributor of APV spreaders and provide optional configuration with our machiens

- **250 W engine** – one of the strongest on the market of simple after-crop spreaders
- Protection screens safeguarding the engine
- **110 L** tank capacity
- Spreading **volume** adjustment regulation
- **Electrically** opened and closed gate valve in the tank
- Spreader is controlled from the **tractor cabin** by **control panel**



BRUNNER HEAVY HARROW HYDRAULICALLY FOLDED

WIDTH [m]	4.0	6.0
WEIGHT [kg]	950	1250
POWER [HP]	80	110



MAXICUT FRONT KNIFE ROLLER

TANDEM ROLLER – RIGID FRAME



- **Double** or **single** knife roller
- Available **rigid** or **hydraulically folded** frames
- Hardened knife of **8 mm thickness**
- **Safety screens** protecting from stones
- Spring of gum protection for **easy driving**

WIDTH [m]	2.5	3.0	3.5	4.0	4.0H	5.0H	6.0H
WEIGHT [kg]	700	850	900	1 000	1 200	1 350	1 500
POWER [HP]	60	60	65	80	80	100	120

FRONT FRONT ROLLER

- Roller allows for efficient **seedbed cultivation**
- Various **configurations** available: with spring tines, leveling board and crushing discs



TANDEM ROLLER – HYDRAULIC FOLDING



SINGLE ROLLER



FULL RANGE OF REAR CULTIVATION ROLLERS



Pipe roller

Best suited for the cultivation of light and stone-free soil in dry conditions. Stable field cultivation at the indicated working depth.



String roller - smooth or V-cut

The roller consists of transversely directed sections of flat bars with a smooth or V-cut edges. A lightweight and universal roller for crushing and leveling the top layer of soil. Works well in seedbed cultivation and stubble cutting.



V-ring roller

The roller is recommended for soils with a tendency to clump. The ring structure of the roller compacts the soil in stripes, allowing for proper soil infiltration.



C-ring roller

The roller is made of C-shaped profiles. Thanks to the C-shaped structure, the profiles fill up with soil during field work, which protects the rings and extends their service life. The main contact surface with the cultivated strip is the soil sealed ring, protecting the field against destruction of its natural structure.



T-ring roller

The roller has similar properties to the V-ring roller, but it is made of a T-ring section. It compacts the soil with stripes and works perfectly on lumpy soils thanks to aggressive profiles.



Tandem C-ring roller

The roller is made of C-shaped profiles. It has similar properties as the single C-ring roller but allows for better stability of a disc harrow or cultivator during work. Thanks to the C-shaped structure, the profiles fill up with soil protecting both the rings and the soil against destruction of its natural structure.



Gum crosskill type roller

Made of separate rubber rings with a diameter of 360 mm. It is perfect for pre-sowing soil preparation as well as for soil compaction and soil clods break-up.



Iron cast crosskill roller

The perfect packer roller for breaking up lumpy soil. It leaves a loose soil structure and prevents the formation of crusts on its surface. Thanks to the ring structure, the roller does not get clogged.



Spring roller

The spring roller smooths the field very well and breaks up soil lumps. Thanks to the elastic structure it is not prone to soil clogging. This roller is used to compact the soil as well as to loosen the surface layer.



Packer roller

It works perfectly on wet, stony soils and with a large amount of organic residues. Due to the construction of the roller, it evenly compacts the upper layer of the soil over the entire width of the cultivated strip.



Spiral roller

The roller ensures smooth soil compacting and ensures the leveling of the soil surface without clogging.



Cracker disc roller

The cracker disc roller crushes large soil clumps very well and thanks to its large mass, presses stones into the soil. This roller works well on heavy and stony soils. After the passage the soil is compacted even in more deep areas.

BATYRA



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