

**BEDNAR**  
**PRESS RELEASE**

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## Czech Manufacturer Introduces Innovations, Novelties and prototypes at 2019 SIMA

BEDNAR FMT is introducing a total of 12 machines at the 2019 SIMA exhibition that takes place in February. There are 4 novelties and 2 prototypes with the new OMEGA OO\_FL seed drill. Stop by in Hall 5a at Stall H 092 during the SIMA exhibition and check out the BEDNAR machines with your own eyes.

### OMEGA OO 6000FL Seed Frill for Precise Seed and Fertiliser Placement

- Novelty
- Semi-mounted seed drill for seedbed preparation and additional fertilisation
- Working width of 4 and 6 m
- Capacity of 4,000 and 5,000 L
- Pressurised, plastic, double-chamber hopper, divided at a ratio of 40:60 (fertiliser, seeds)
- Two rows of discs, 460×5 mm, mounted in the shape of an X
- Double-disc fertilising coulters
- PSP system (parallelogram): seeding at an identical depth
- Seeding at 12.5 or 16.5 cm with a large variation of the seeding amount, both in conventional and minimising soil cultivation
- Offset rear pneumatic packer – stability at work and during transport, even compaction along the entire width of the machine
- Intuitive machine control via ISOBUS terminal
- Optional equipment (most important)
  - Flow sensors
  - Switching off half the machine
  - Hydraulic setting of the drill coulters pressure
  - Hydraulic setting of the disc working section
  - Pneumatic Frontpack
  - Front levelling bar, Crushbar in front of the Frontpack
  - A-discs (aggressive)
  - ALFA DRILL seed drill
- Requirement for the tractor pulling force: 130 to 280 HP



## FERTI-BOX FB 2000 F DUAL: Pressurised Hopper for Precise Fertilisation

- Novelty
- Pressurised, double-chamber hopper, divided on a ratio of 70:30
- Capacity 2,200 L
- Two stainless dispensing mechanisms with electric drives
- Pneumatic material feed
- Intuitive machine control via ISOBUS terminal
- Designed for fertiliser application into soil profile, or as a seeding unit for planting catch crop
- Does not obstruct the view of the operator
- The main use is in combination with other soil cultivators (TERRALAND, TERRASTRIP or FENIX)

## ALFA DRILL Seeding Unit: An Ideal Accessory to BEDNAR Machines

- Novelty
- Pressurised hopper
- Capacity 400 or 800 L
- Stainless seeding mechanism from OMEGA seed drills
- Hopper equipped with level sensors
- Pneumatic material feed
- Intuitive machine control via ISOBUS terminal
- Seeding unit designed for planting catch crop, grasses, or for applying fertilisers
- Designed for aggregation not only with BEDNAR machines (e.g. SWIFTERDISC, STRIEGEL-PRO, OMEGA, ...)



## ATLAS AO 6000 PROFI for Quality Stubble Cultivation

- Novelty
- Short, compact disc stubble cultivator with a robust frame
- Working width of 4.9 and 5.9 m
- Two rows of discs, 620×6 mm, mounted in the shape of X
- Spring loading of each disc with non-stop protection
- Maintenance-free Flexi-Box share beam mounting system
- Maintenance-free disc bearings
- Integrated axle allows for a smaller turning diameter
- Front, double supporting wheels
- Stubble cultivation up to 16 cm
- Optional equipment (most important)
  - Front Trash Cutter
  - Fully hydraulically controlled machine (Load Sensing)
- Requirement for the tractor pulling force: from 200 to 350 HP



## VERSATILE VO 6000 PROFI: Semi-mounted Universal Cultivator

- Novelty
- Designed for seedbed cultivation in fields with larger quantities of crop residue, or for intense stubble cultivation of up to 15 cm
- Working width of 6 and 7.5 m
- The ploughshares are arranged in 5 rows
- Non-stop protection of each share beam
- Perfect ploughshare overlapping provides even undercutting of the field
- Excellent permeability of material through the machine
- Integrated axle allows for a smaller turning diameter
- Hydraulically controlled supporting wheels
- Possibility of work without rear rollers
- Requirement for the tractor pulling force: from 200 to 350 HP



## **SWIFTERDISC XE 12400 PROFI: Wide Disc Stubble Cultivator**

- Prototype
- Disc cultivator designed for enormous daily output
- Working width of 12.4 m
- Working speed of up to 15 km/h
- Stubble cultivation of up to 14 cm
- Discs with a diameter of 520×5 mm mounted in the shape of an X prevent machine drifting
- Maintenance-free Flexi-Box share beam mounting system
- Maintenance-free disc bearings
- Optional equipment (most important)
  - Front Trash Cutter
  - Discs with a diameter of 560 mm
  - Fully hydraulically controlled machine (Load Sensing)
- Prepared for CTF (Controlled Traffic Farming)
- Requirement for the tractor pulling force: from 400 to 620 HP

## **FENIX FO 6000: Universal Share Cultivator**

- Prototype
- Share cultivator
- Working width of 6 m
- Suitable for use from shallow stubble cultivation to deep loosening of up to 35 cm
- Integrated axle allows for a smaller turning diameter
- Each share beam is secured with non-stop protection
- Perfect ploughshare overlapping provides even undercutting of the field
- Excellent permeability of material through the machine
- Wide offer of packers and rollers

## **OMEGA OO 4000 FERTI Seed Drill**

- Semi-mounted seed drill with seedbed preparation and additional fertilisation
- Working width of 4 and 6 m
- Capacity 4,000 and 5,000 L
- Pressurised, double-chamber hopper, divided at 60:40 ratio (seeds, fertiliser)
- Two rows of discs, 520x5 mm, mounted in the shape of X
- Double-disc fertilising coulters
- PSP system (parallelogram): seeding at an identical depth
- Offset rear pneumatic packer – stability at work and during transport, even compaction along the entire width of the machine
- Intuitive machine control via ISOBUS terminal
- Optional equipment (most important)
  - Flow sensors
  - Pneumatic Frontpack
  - A-discs (aggressive)
- Requirement for the tractor pulling force: 130 to 250 HP

## SWIFTER SO 6000 PROFISeedbed Cultivator Combines 7 Operations

- The modern type of seedbed cultivator prepares your field for planting in a single pass
- Working width of 6 m
- Working depth 2–12 cm
- Combines up to 7 operations into a single pass
- Total spring loading of working sections using a patented system
- Replaceable internal working sections (share section, gamma spike section, SB section)
- Optional equipment (most important)
  - Fully hydraulically controlled machine (Load Sensing)
  - Finish Cross-Kill
- Requirement for the tractor pulling force: 180 to 220 HP



## Popular TERRALAND TN 3000 HD7R

- Bestseller
- Working width of 3 m
- Hydraulic protection
- Soil processing up to 65 cm
- Positively contributes to the restoration of the entire soil profile
- Solves compacted layers caused by repeated soil processing at the same depth and heavy technology passes



## ROW-MASTER RN 6400 Cultivator

- Working width 6.4 m
- Working depth of 2 to 12 cm
- Maintenance-free parallelogram suspension of the working sections
- Silent block mounting of units increases pressure of the working sections
- Supporting wheels of each working section
- 3 types of working sections
- Optional equipment (most important)
  - CultiCam electronic guiding
- Requirement for the tractor pulling force: 80 to 90 HP



## MULCHER MM7000 with TRASH-FAN

- Five-rotor mulcher for mulching permanent grassland and crop residue in arable soil
- Working width of 7 m
- Armoured bottom part of the mulcher
- Main parts of the machine are galvanised
- 4pairs of blades on each rotor
- Optional equipment (most important)
  - TRASH-FAN
  - Variable blade setting (grasses/corn, oilseed rape, sunflower)
- Requirement for the tractor pulling force: 200to 220 HP





## BEDNAR is a progressive manufacturer of agricultural technology

The Company specialises in machines for soil cultivation, seeding, fertilisation and mulching. The close cooperation of the Company with agricultural businesses makes it one of the most innovative manufacturers of agricultural machines, developing and producing machines with high added value for the end user. More information about BEDNAR FMT is available at <https://www.bednar-machinery.com/>.

## Press release information

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## Annexes

[Images HERE](#)

[Videos invitation to SIMA 2019 HERE](#) ; [Videos for SIMA 2019 HERE](#)

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