



1. Agrirepel Wrap

HATHOR Sp. z o.o.



Agrirepel® Wrap is the only proven effective bird & rodent repellent bale wrap in the world, which is based on a non-toxic agent. It is certified by the European Chemicals Agency, proved that it is ecological, easy to use and efficient. Our goal when creating Agrirepel® Wrap was to make life easier for farmers while respecting the environment. Agrirepel® Wrap will simplify the work of farmers, providing them with better protection of the farm without changing the current way of working.

2. John Deere 8RX 410 Four-Track Tractor

JOHN DEERE POLSKA Sp. z o.o.



If minimum soil disturbance is a priority for you, there is no way around the 8RX. It's ideal machine for difficult side-hill terrain and soil types. The tractor provides pulling power that stops for nothing and modern technological solutions combined with comfort unmatched in the agricultural industry. Not without reason 8RX is called "Specialist of the soil". Its soil-contact surface is 4.5 square meter to ensure adequate pulling power and protection of the soil. The operator using precise farming systems from John Deere may observe working machines from a comfortable seat equipped with a massage function.

3. DATA CONNECT

AGROCOM POLSKA Jerzy Koronczok - submitting entity

365FarmNet KGaA mbH & Co KG – producer



DataConnect is an interface for exchanging telematics data on the location, status, speed and fuel level in many brands of tractors and machinery (CASE IH, CLAAS, JOHN DEERE, NEW HOLLAND, STEYR). A farmer, who uses equipment of different brands, instead of using many separate applications for each brand, can activate one platform, e.g. 365FarmNet to observe and analyse the work of all components of its 'fleet'.

4. eAgronom

eAGRONOM Sp. z o.o.



eAgronom is software that supports Polish farmers. It facilitates the management of farm, employees and fields, as it is based on the opinions and needs of farmers. It is available online via computer and as a mobile application. The software provides user with great freedom, as it gives farmers an insight into the operation of their farm from any location. Key features include: field sheets, records and plans for nitrogen fertilization (in accordance with the Nitrates Directive), plans for applying plant protection agents and other treatment, warehouse and budget.

5. CONNECTED SHREDDER - an innovative remote monitoring system for KUHN field shredder

KUHN-MASZYNY ROLNICZE Sp. z o.o – submitting entity

NOBILI S.p.A. – producer



'Connected shredder' is an application for mobile phones with Android / IOS systems, which can monitor the real-time basic parameters of the shredder. The main objective is to ensure triggering of alarms in case of exceeding the threshold speed of the rotor, the oil temperature, rotor vibration, and to recommend routine or extraordinary maintenance based on the overall condition of the machine. This solution contributes to a significant reduction in operating costs and eliminates downtime.

6. CLAAS LEXION 6000 / 5000 harvester

CLAAS Polska Sp. z o.o.



LEXION 6000 is the first combine harvester that joins the features the acceleration drum, threshing drum, separator and straw separator. The drive is also innovative: all drums are synchronized. This ensures an even flow of material and energy savings. The engine operates at very low speed and is equipped with DYNAMIC POWER system, which ensures low fuel consumption. The machine applies CEMOS AUTOMATIC, an optimisation system, which continuously reviews and automatically adjusts operation settings, depending on conditions.

7. Manitou MT420 H Telescopic Loader

Manitou Group – producer

'Przedsiębiorstwo Usługowo-Produkcyjne AGROMIX Sp. z o.o.'- submitting entity



MANITOU MLT420 - IS VERY UNIVERSAL COMPACT MACHINE WITH CAPABILITIES AND SOLUTIONS UNMATCHED BY MARKET COMPETITION

8. Husarya SCS-100 stone-collecting machine

USARYA POLSKA Sp. z o. o.



Husarya SCS-100 is an innovative machine for mechanical removal of stones from the soil surface. The machine picks up stones present in the surface layer of the soil (to the depth of 20 cm). The system of double rotors ensures precise work and wide size range of removed stones. Moreover, the machine is equipped with active drum system that separates stones from other contamination. The machine offers the largest stone container in the market with a capacity of 3m³ and unloading height of 3.5 m.

9. Matrix 430VF

TEEJET TECHNOLOGIES – Denmark - producer

TEEJET POLAND Sp. z o.o - submitting entity



Matrix 430VF is a solution useful for spraying orchards, vineyards and other speciality crops (e.g. berries). Until now, spraying in such locations caused a lot of stress, as it required constant counting of rows and controlling the drive route. It was quite problematic, even for the most experienced operators, especially when the work was performed at night. Now, you can fully trust our new navigator and its capabilities. This inexpensive device is easy to install and operate, making the work of the operator more efficient and less stressful.

10. SatAgro module supporting accurate analysis of soil and fertilization, basing on soil quality and satellite images.

SatAgro Sp. z o.o.



In 2019, SatAgro service has been extended by a module that supports the process of testing the soil and facilitating the fertilization basing on soil quality and satellite images. The module allows user to split the field into sampling zones, tailored to its actual variability, basing on one or more satellite images. The zones may be exported, also in a format compatible with GPS, to facilitate taking samples in the field. The results of analyses can easily be converted to fertilization maps.

11. Mzuri Pro-Til

AGRO-LAND Marek Różniak - submitting entity

MZURI-AGRO Sp. z o.o. Sp.k. – producer



MZURI PRO-TIL - a technology of single-strip tilling. The Mzuri Pro-Til technology provides the optimal environment for the steady growth of strong yields. Mzuri Pro-Til is unsurpassed in terms of soil loosening, compaction and seeding accuracy. The seed coulters of each section operate fully independently from the aeration zone, ensuring easy adjustment, excellent tracking of the terrain and continuous monitoring of the sowing depth. The hydraulic system enables each coulter to exert a constant pressure on each wheel that controls the drilling depth, in order to provide an accurate depth of seed distribution and good soil conditions at the contact point of seeds to ensure quick and even sprouting. The most important feature of Mzuri Pro-Til unique design is the fact that the entire machine weight is evenly distributed on all cultivated strips of the field, which is extremely important to ensure the re-compaction of loosened soil in order to eliminate air gaps. It is widely considered as the most important factor for the rapid development of a healthy root system.

12. Hardi Mega lift-mounted sprayer

HARDI GmbH



ISOBUS system, HC 9600 computer, SmartCom new management system, SmartValve liquid distribution system, DynamicFluid 4 management system, precise farming functions integrated with other machines used on the farm, modern design, unique performance of Hardi Mega, tanks up to 2200 l with spraying arms from 18 to 28 m.

13. Krone VariPack roundbaler

Bernard Krone Holding SE & Co. KG – producer

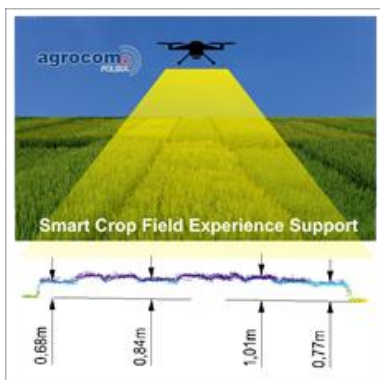
'Przedsiębiorstwo Usługowo-Produkcyjne AGROMIX Sp. z o.o.' - submitting entity



"VariPack is our new series that offers practical and user-friendly roundbalers for dry materials such as straw and hay" - says Dr Klaus Martensen, Manager of Roundbalers Department in Krone. "With the introduction of VariPack, we provide our customers with a full range of products. They are based on our continuous development of the belt systems that provide not only high compressing strength, but are also more durability and resistance of the belt material, comparing to the previous solutions. This is confirmed by our tests of VariPack machines that already generated over 170 000 bales in different conditions".

14. Remote detection system for supporting plant breeding and field experiments

AGROCOM POLSKA Jerzy Koronczok



The remote detection system for supporting plant breeding and field experiments is a comprehensive solution created in Poland in order to: a) support optimal and most homogeneous location of planned field experiments. Such location would reduce the direct influence of the variable conditions of the soil on the results of field tests and experiments; b) provide remote, non-invasive acquisition of measurement data on plants and soil using autonomous flying devices (drones). The information collected in a planned and orderly manner through the use of a number of multispectral cameras allow precise analysis of the measured parameters and plants (2D), as well as precise measurement of spatial data (3D).

17. AVANT 860i Multifunctional articulated loader

SERAFIN PUH Andrzej Serafin



Avant 860i is one of the two largest and most powerful models of versatile telescopic loaders produced by Avant Tecno Oy. Nearly 2 tons of load-bearing capacity and 3.5-meter range make AVANT 800 the most distinctive compact loader among models available in the market. Machines of AVANT 800 series weigh 2.5 tons and have a width of 1.5 m, length of 3.4 m and height of 2.2 m. The articulated design combined with modern design guarantees the highest level of mobility.

18. ALIMAMIX EVOLUTION PRO feed mixer

'Przedsiębiorstwo Produkcyjno-Handlowo-Usługowe A-LIMA-BIS Sp. z o. o.



ALIMAMIX EVOLUTION PRO are designed for even more economic and effective work and comfort of use. Innovative design of the hopper, discharge section and belt reduces the working process of preparing TMR, averagely by 8%. This translates into significant savings in fuel consumption per year, reaching 180 litres. Compact design, adjustable and reversible drawbar with full-range coupling attachment, comfortable step, the weight display with adjustable radius of nearly 270° - these features make the work with EVOLUTION PRO even more comfortable.

19. 'Namyslo FLYY' pneumatic seed drill set

NAMYSLO Damian Namysło



Namyslo FLYY - wide feeding hopper- disc sowing - direct seeding into stubble - double disc coulters - GPS System - ISO BUS connection

20. VB 7100 variable chamber round baler

KUHN-MASZYNRY ROLNICZE Sp. z o.o. – submitting entity

KUHN-GELDROF B.V. – producer



The KUHN VB 7100 series sets a new standard in round baling. The balers offer high performance, producing bales of up to 140 kg/m³ in straw and giving a capacity of up to 30 t/hour in various crop conditions. Effective technical solutions and heavy-duty design guarantee maximum reliability with minimum downtime. Where others stop, the KUHN VB 7100 series starts.