

AGROЦЕНТР News

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The hero of the hour – Massey Ferguson combine



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the Cultro TC double
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Environment friendly Massey Ferguson

AgroCentre has debuted the Massey Ferguson 8737S tractor in Kuban area.

The machine tackles various farm jobs with ease and meets all environmental requirements due to the innovative engine with the SCR system.

The exhaust gases are mixed with the AdBlue solution and converted into non-toxic nitrogen and steam. As a result, the farm operations do not harm environment

and fuel consumption is decreased by 3-5%.

'The Massey Ferguson 8737S tractor features a 6-cylinder

engine generating power from 340-370 hp', says Sergey Lushnikov, AgroCentreLiski Krasnodar Service Centre Manager. 'The machine has different applications: farm, utility, construction and hauling jobs. The farmers of Krasnodar area have already given the Massey Ferguson 8737S credit for its skills.

Vozrozhdeniye farming enterprise, Kurganinsk district, specialises in crop production and owns 2,500 ha of land. The farm grows spring and winter wheat, maize, soybeans and barley, so the tractor is an indispensable helper here. 'The brand is well-known to us', continues Sergey Lushnikov. 'A Massey Ferguson 8690 tractor has been operating in our fields for three years without a hitch. As our farmland expands year by year, at one point, we faced the necessity to increase the machinery fleet, so we opted for the Massey Ferguson 8737S, and we have never regretted it. The machine is now doing maize stubble cultivation with a disk harrow and performing excellently, later we are going to hitch it to a plough to till the fallow land and then, after a winter break, we are going to use it for pre-sowing soil preparation.'

By Darya DENISOVA

Autumn of innovation

AgroCentreLiski has taken part in the 25th Interregional BelgorodAgro Trade Fair and presented world-renowned machines to the local farmers.

AgroCentreLiski is a regular exhibitor of the event. This year, the company showcased a lightweight Massey Ferguson 6713 tractor and a JCB 531-70 telehandler. The Massey Ferguson 6713 is the first model of the global Massey Ferguson 6700 Series to hit the Russian market. It features a four-cylinder 4.4-litre AGCO Power engine delivering up to 132 hp and enabling the tractor to handle any farm work.

'The gearbox provides 12 forward and 12 reverse speeds', says Artyom Uzhik, AgroCentreLiski, 'and is fitted with pressure lubrication system to ensure good pulling power and traction. The standard equipment includes air conditioning, a set of front weights and

additional lights. The versatility of the machine makes it suited to both farm and utility applications.'

The JCB 531-70 Agri telehandler is powered by the Dieselmix engine side-mounted on a chassis delivering 100 to 130 hp and providing high torque at low engine speeds. All checks are quick, simple and safe to

carry out from ground level. The one-piece bonnet is on a gas strut for ease and safety; the radiator chaff guard and reversing fan keep out debris. 'Our farm has a JCB 535-95 telehandler', notes Nikolay Dmitriyev, Manager of Dmitriyev farming enterprise (Belgorod oblast). 'I have nothing but praise for the machine: powerful, robust and fuel-efficient. It operates

over 1,000 engine hours per year doing all the handling on the farm. We have not faced any serious trouble with the machine. As for minor problems, the mobile team of AgroCentreLiski always sorts them out in no time.'

Throughout the trade fair, AgroCentre's booth was buzzing with activity: company's representatives were welcoming the local farmers, telling them about the unique capabilities of the displayed machines, sharing experience and addressing guests' questions.

By Viktor BARGOTIN



On full alert!



This year at Agritechnica Trade Fair, Horsch is going to present a 2020 novelty — the Cultro TC double knife roller. The implement is designed for cutting rapeseed, sunflower or maize stubble and crushing the cover crop. The Cultro TC roller is on full alert to fight the toughest crop residues.

'The special design and the small diameter of the rollers of the Cultro TC ensure a very high rotation speed of the rollers with knives

for intensive crushing of organic material', says Pavel Ageyev, Horsch Regional Representative. 'Every roller has six knives, which are arranged crosswise.

This design gives the best crushing results even with the most difficult-to-handle crop residue.'

The Cultro TC roller is available in two versions: a 3-metre mounted implement and a trailed model with a working width of 12 metres. Both have a wide range of applications as a single unit or as an attachment. The roller can

be coupled to a 200-hp tractor and reach the operational speed of 20 km/h.

If crop residue distribution on the ground surface is needed, the Cultro TC can be used in combination with a soil packer or a grass harrow. For seedbed preparation, the implement can be additionally equipped with a Crossbar in front of the knives.

By Anna BORDUNOVA

Handling a plough pan issue

How to prepare the soil for sowing and eliminate a plough pan problem? Specialists of AgroCentreZakharovo know the answer. The company's branch office in Yaroslavl has held a demo show of the Kverneland DTX 300 chisel plough, which can rise to any challenge.

The demo show took place in the fields of large poultry enterprise — Volzhanin — which produces chicken eggs. The farm makes its own fodder. Grain and grasses are grown in a clean environment. The overall production process employs the most advanced practices only.

'In autumn after the harvest, farmers need to prepare soil for further sowing', says Viktor Ovchinnikov, Manager of AgroCentreZakharovo branch office in Yaroslavl. 'The Kverneland DTX 300 chisel plough can help the farm manage a plough pan problem.'

A plough pan is a compacted layer of soil under the topsoil caused by the pressure of machinery and tillage at the same depth over a long

period of time. A plough pan limits moisture, air and nutrient availability to the crop, slows down the growth rate and development and, ultimately, leads to lower yields.

'The Kverneland DTX 300 ploughs soil to a depth of

up to 50 cm without damaging its structure or exposing the fertile soil layers', continues Viktor Ovchinnikov, 'it operates at a speed of 15 km/h and performs well even on very wet or frozen soil. The DTX functions also include levelling, stubble mixing and incorporation with discs at a depth of up to 15 cm. The heavy steel roller puts the finishing touches ensuring erosion control.'

By Darya DENISOVA



Horsch as good as Porsche

The annual demo shows of farm machinery held by AgroCentre have become part of the company's brand image. They are perfect opportunities for farmers to see the equipment in action and observe how it tackles the most challenging tasks assigned. This year is the year of Horsch Tiger 4 MT cultivators' debut in the Russian fields.

The Horsch Tiger cultivator range has six models with working width from 3 to 7.5 metres.

For the field testing, the 4-metre Tiger 4 MT was chosen.

'Tiger cultivators are reliable machines for intensive soil tillage', says Oleg Pireyev, Manager of AgroCentreLiski branch office in Bryansk. 'It is a combination of a heavy disk harrow and a cultivator. Two rows of TerraGrip tines with hydraulic overload protection and 45-cm

tine spacing together with the MulchMix points ensure soil loosening up to 35 cm deep.'

The Horsch Tiger 4 MT cultivator can be optionally equipped with a hopper for simultaneous fertiliser application. This feature can save a farmer the purchase price of a spreader.

The Tiger 4 MT performed exceptionally well in the fields of Veles farming enterprise in Bryansk oblast.

'A Horsch is as good as a Porsche!', exclaims Vladimir Matviyenko, Director General of Veles enterprise, Bryansk oblast. 'At the demo show, it did excellent primary cultivation after soybeans and rapeseed. The conditions were challenging as the soil was hard and over-compacted. The cultivator was coupled to a 320-hp tractor and operated at a speed of 11 km/h. We wanted to check whether the machine would cope with the task of full residue incorporation. AgroCentre

technicians promptly mounted the arrow tines on the machine and the Tiger 4 MT headed for the field. The 25-cm deep tillage test was passed with flying colours! The cultivator loosens, discs and presses the soil splendidly doing the job of several machines at a time. The field is ready for sowing right after the first run of the Tiger 4 MT cultivator, which means that no other machinery or extra passes are necessary. Without hesitation, we have purchased the cultivator for our farm.'

The fields of Tambov oblast also featured the Tiger 4 MT cultivator.

'The Tiger 4 MT has impressed us with its performance', says Dmitry Petrov, Chief Engineer at Pobeda farm, Tambov oblast. 'The cultivator set an exceptional example of soil tillage after maize and soybean harvesting. Immaculate incorporation of crop residue, consistent depth up to 25 cm, excellent levelling, speed of operation of 11 km/h are the distinct advantages of the Tiger 4 MT. The cultivator runs smoothly even on our sandy soil. After the demo show, we could not part with the machine! Now we have a reliable farm hand!'

By Anna BORDUNOVA

Farming with passion

For 35 years, these words have been the motto of Horsch company and the life philosophy of its founder, farmer Michael Horsch. Joined by the farmers from the Central Black Soil Region, AgroCentre specialists have visited the company's manufacturing facilities in Germany to see how the Horsch family, farmers and engineers rolled into one, make their machines.

In the 1980s, having designed his first machine in his father's blacksmith's shop, Michael Horsch started researching the direct drilling technology. Today, the company specialises in the farm machinery for sustainable cultivation and is considered the leader in no-till machinery.

The group visited two assembly operations building cultivation and seeding equipment, self-propelled and trailed sprayers where they explored how the production process was managed and toured the storage facilities.

The guests saw top-of-the-range machine models including

the legendary Horsch Tiger lineup. The 2020 novelties triggered the keenest interest of the farmers. The manufacturers unveiled the new 8-metre Maestro 8 DV seed drill with a single disc coulters for fertiliser application. The machine is a perfect fit for small farms.

The new transformer cultivator with an enhanced frame and variable tools is on trial currently.

'We have been supplying Horsch machinery for two

years now', says Sergey Lomantsov, Executive Director of AgroCentreLiski. 'In this period, we haven't received any serious complaints about the machines from the customers. Hats off to Horsch quality and reliability. The important thing is that the machines are tested in the company's own fields. On its own land, Horsch company implements new technologies, tests prototypes, collects and

analyses the data daily to improve the manufacturing process.'

The specialists also visited Agrovation operation in the Czech Republic, Horsch's demonstration and development farm. Here, every model is put through rigorous testing at all stages, from a prototype to mass production.

'I like their approach to farming and the way the whole process is managed', says Sergey Belousov, Director General of Zhupikov farming enterprise, Tambov oblast. 'We share common views on various issues of crop production, soil cultivation and plant protection with Horsch team. I love the fact that they are constantly searching for new solutions and design unrivalled machines.'

By Anna BORDUNOVA



NEWS

Massey Ferguson Activa 7347S and Massey Ferguson Beta 7370 combines have been operating at Iskra for a few years proving to be reliable high-performance machines. Although different, the models have some common characteristics. It is first and foremost the heart of the machines — the 6-cylinder AGCO Power engine.

‘Effective threshing control is one of the key advantages of Massey Ferguson combines’, says Yevgeniy Ankudinov, Manager of AgroCentreLiski Oryol branch. ‘Two electric motors ensure the adjustment of front and rear concave clearance, which makes it possible to optimise threshing for any crop.’ What guarantees the excellent threshing quality is the Power Feed Roller. Its front beater located in the feeder house provides an even flow from the header into the main crop elevator, which is particularly important when operating on difficult terrain. The Massey Ferguson combines have another unique feature — the ability to rotate the concave up over the top of the Multi Crop



Top performers

The harvesting campaign at Iskra enterprise in Oryol oblast has come to an end. While the farmers are summing up the results, we would like to commend the heroes of the hour — Massey Ferguson combines.

Separator when not required in order to save fuel and facilitate the cleaning system work.

‘The Massey Ferguson Activa 7347S and Beta 7370, with the capacity of 8,600 and 9,000 litres respectively, both have the grain tank unloading rate of 105 litres per second’, continues Yevgeniy Ankudinov. ‘Besides, their turret unloading

auger can cope with a trailer of any height.’

At Iskra farming enterprise, the combines did a great job, gathered a good harvest of wheat, peas, soybeans and other crops.

‘Massey Ferguson combines are the top performers in our fleet’, says Viktor Cherepkov, Iskra Manager. ‘We also

have machines of domestic manufacture, but they cannot compete with the Activa and Beta. Another harvesting campaign has been a success, and it is largely thanks to the heavy-duty Massey Ferguson combines and, of course, AgroCentre, which always helps us to make the right choice.’

By Viktor BARGOTIN

Reliable and manoeuvrable

AgroCentreZakharovo has held a demo show of the JCB 531-70 telehandler at the premises of Biyskoye enterprise.

It is one of the largest farms in Biysk district, Altai area, with the land area exceeding 15,500 hectares and the milking herd of 2,500 head. Biyskoye is engaged in growing cereals and forage crops, cattle breeding, beef

and dairy production. For quite a while, enterprise has needed a highly efficient telehandler.

‘During the demonstration, we decided to show how the machine handles haymaking in the first place’, says Sergey

Kuznetsov, Sales Representative of AgroCentreZakharovo.

‘The JCB 531-70 took bales from the fields and stacked them up at the storage facility impressing the farmers with its speed and manoeuvrability.

The operator definitely felt the striking difference driving a JCB telehandler as compared to its Russian counterpart and appreciated the comfort and convenience of the foreign machine.’

With the JCB 531-70, even long working hours at the height of the harvesting season are enjoyable, not exhausting. This very model is the most popular with Russian customers for a reason — it has a lot of undeniable advantages. The machine is equipped with an automatic gear box and a comfortable and safe cab. The lift height is seven metres. What is more, the JCB 531-70 features components with an extended service life. The model is designed to run nonstop for uninterrupted operation of the farm.

After the demo show, the enterprise decided to acquire the machine. A reliable all-rounder like this always comes in handy!

By Tatyana IGNATENKO



JCB telehandler works for three

AgroCentreZakharovo has taken part in Chelyabinsk Field Day 2019, a regional agricultural trade show. Local farmers and guests from other regions paid close attention to the exhibits presented at the company's booth.

The programme of the event included a showcase for over 120 units of the most state-of-the-art equipment, a demonstration of high-performance machines, an exhibition of agricultural plant breeding achievements and discussions of farming sector development issues. Field Days are a good platform for a constructive and meaningful dialogue among farmers. Besides, such trade shows provide an excellent opportunity to stay on top of the latest technologies and find the solutions suiting current needs.

'Today's event illustrates the growth of the regional farming sector', said Governor Aleksey Teksler in his opening speech. 'This Field Day underscores the leadership of Chelyabinsk oblast in the farming industry of the Ural Federal District. The region has reached the leading position in the sown acreage, crop production and export and needs to further maintain and strengthen this position.'

Agricultural products are always in demand. Nevertheless,

the farm business is quite a gamble, and, for success in this area, a farm business requires mechanised processes, cutting-edge solutions and reliable high-performance machinery.

'We always show and offer top-notch machines to our partners', shares Sergey Chichay, Manager of Chelyabinsk branch, AgroCentreZakharovo. 'The Massey Ferguson 6713 tractor is in the limelight today. This versatile mid-power tractor is made with a focus on comfort and ease of use. The farmers are highly impressed with its maintainability and modern design.'

One of the key advantages of the model is its fuel economy. The MF 6713 is fitted with a unique turbocharged AGCO Power engine developed specifically for tractors. It ensures high efficiency and low fuel consumption. Besides, the tractor is designed to provide unparalleled operator comfort as consistently high performance depends on the driver and the machine working in tandem.

'Here the operator can fully concentrate on the work. The airtight cab offers ultimate visibility', continues Sergey Chichay. 'The modern ergonomic layout of controls provides improved operation and multiple automation functions such as an active transport control, for example.'

Optionally, the MF 6713 can be equipped with various attachments, which makes it a multitasking tool for both farming and utility sectors.

The JCB 536-60 telehandler, another versatile farm assistant showcased at Chelyabinsk Field Day, was also a success. This highly manoeuvrable machine is fit for indoor operation in restricted spaces.

'The JCB 531-70, 541-70 and 536-60 telehandlers are perfect helpers at modern enterprises', says Sergey Chichay. 'These yellow and black all-rounders are virtually indispensable in livestock farming. They can be used for handling, transporting silage and haylage, manure removal and snow clearing, as well as for building operations and cleaning of facilities. It means that one JCB telehandler

replaces several MTZ tractors in terms of works performed.'

The first JCB 531-70 arrived at Preduralye farming enterprise, Verkhneuralsk district, Chelyabinsk oblast, two years ago. Shortly afterwards, the farm purchased a second telehandler of the same model. Now the farmers cannot even imagine how they used to do without these efficient machines.

'The capabilities and versatility of JCB telehandlers are amazing', shares Marat Akhmedgaleev, Manager. 'With different attachments, they tackle almost every task. For example, we used to load grain with three MTZ tractors and a mounted bucket, but now just one JCB easily handles the job.'

Preduralye is a family business run by a father and three sons who work as a team to develop their farming operation. Today, the enterprise owns 12 thousand hectares of land and over 2 thousand head of cattle. The core businesses are dairy and beef farming. Preduralye is also engaged in pig and horse breeding. The enterprise has three production divisions, so its owners started considering the purchase of a third JCB long ago. At Field Day, they finally made up their mind, and a new telehandler will soon join its older teammates at Preduralye to toil for the benefit of the farm.

AgroCentre knows for a fact that the key to success at any enterprise lies in powerful and reliable machinery.

By Tatyana IGNATENKO



Powerful implements for autumn works

AgroCentreZakharovo and AgroCentreLiski branches and other agricultural enterprises have participated in HORSCH Field Day. The event took place on the premises of the Horsch service centre in Roshchinskiy village, Lipetsk oblast. The visitors observed the power of the German machines in action during a demo show.

‘Together with our partners and clients we consider the Horsch Pronto 12NT drill one of the most versatile and efficient implements to do the upcoming autumn works’, says Aleksey Grigoryev, Executive Director of AgroCentreZakharovo. ‘It is designed for conventional and direct seeding. The model is equipped with a 12,000-litre double hopper. During the sowing, the fertiliser is placed in every second inter-row spacing. The drill frame is rigidly attached to the seed and fertiliser hopper, this solution allows higher coulter pressure at the cutting disc. In front of each coulter, wavy cutting discs are mounted to cultivate soil and cut organic material.’

The Horsch Tiger 4MT also sparked considerable interest. It is a combination of a heavy-duty disc harrow and a cultivator. Due to the hemispherical serrated discs with the diameter of 68 cm, it is a perfect choice for cutting long residues and mixing them with soil. It also prevents soil consolidation below the discs working depth. Loosening can be performed at depths of up to 35 cm. The machine can be coupled to tractors providing 150 hp or more.

‘The model is perfect for cultivating fields after harvesting maize, rapeseeds, sunflowers, cereals and intermediate crops’, adds Aleksey Grigoryev. ‘What is more, the working depth of the disc harrow and its tines can be adjusted independently. Along with other features, we can name

the four-bar frame design with the frame height of 85 cm aimed at maximum clearance.’

The Horsch Joker 8 RT disc harrow was another demo show ‘star’.

‘This is a trailed disc harrow for shallow tillage with a focus on thorough mixing of residues with soil’, says Dmitry Gerasimenko, Manager of AgroCentreZakharovo Kurgan branch. ‘The machine is reliable and operator-friendly, it also does an excellent job at long straw and residue incorporation. It can run at a speed of up to 20 km/h and is distinguished by its unsurpassed clearance made possible due to the twinned discs.’

The chassis is located in the centre of the unit for the optimal weight distribution, which is very convenient for both operation and transportation.

The Horsch Maestro drill was also in the limelight of the Field Day. Due to its innovative dosing system and seeding quality control, the machine ensures pinpoint precision of sowing at a speed of up to 12 km/h. The model is designed for sowing maize, sunflowers, soybeans and sugar beets.

‘It is the first time I have visited Horsch Field Day. I have learnt a lot of useful information today’, shares Sergey Dorofeyev, Sales Representative of Kursk branch of AgroCentreLiski. ‘The company representatives explained all the advantages of the Horsch innovations in a simple way and then the well-planned demo show confirmed every word.’

By Aleksandr KUTISHCHEV





Denis Dzyuba, Ivan Popov

Gribnaya Raduga, a unique enterprise engaged in growing champignons in Kursk oblast, does its best to promote the product consumption. The company experts have shown us how the mushrooms are cultivated and shared the recipes for their favourite dishes.

Riding the wave of import substitution

'Initially, our enterprise was based in Ukraine, but we could not save the business due to the military actions in 2014', says Ivan Popov, Chief Engineer of Gribnaya Raduga. 'And it made us think about starting a champignon production in Russia. Back then, the Russian mushroom industry was in its infancy. Our management evaluated the prospects for the Russian mushroom market, which at that time was far from saturated. The food embargo imposed in 2014 only fuelled our desire to develop mushroom production in Russia.'

Nothing ventured, no mushrooms collected

In 2015, the company management made up their mind to launch production in Kursk oblast. After the approval of the regional administration, the company invested in a greenfield project. The first greenhouse for champignon production was opened in 2017. Soon, the second greenhouse was put into operation and the third greenhouse was launched this year. However, they are not going to stop at this point — in 2020, the enterprise is planning to open the fourth greenhouse. Today, Gribnaya Raduga is ranked number one among Russian mushroom producers being the leader in terms of product quality and quantity and having a 20% market share. Currently, around 18,000 tonnes of mushrooms are grown here annually.

Reliable partners

'AgroCentreLiski is our first partner, who helped us to take off', continues Ivan Popov. 'In 2016, we purchased JCB telehandlers for prompt raw material preparation. We are content with the machinery quality and the company service. AgroCentreLiski team never leaves us dealing with troubles on our own.'

According to Ivan Popov, Gribnaya Raduga has

Kursk-style champignons

Delicious, nutritious, healthy — it is all about champignons. These mushrooms of Italian origin are often available in shops. According to the statistics, champignon consumption in Russia continues growing year after year and the growth is not likely to slow down.

recently become the proud owner of the JCB 541-70 Agri Pro telehandler, a new unparalleled unit.

'The model is unique owing to its JCB DualTech VT hybrid transmission, which can function in both hydrostatic and hydromechanic modes', points out Aleksandr Logvinov, Director of Kursk branch of AgroCentreLiski. 'Thus, the range of uses is increased. The hydrostatic drive ensures splendid control at low speeds and the PowerShift drive provides great efficiency and towing at high speeds.'

Ivan Popov also stressed another distinctive feature of the telehandler — the Smart Hydraulics system. It helps to save fuel and protect mechanisms, notably the telescopic boom. This system ensures better emptying of the bucket due to gentle shaking and smooth boom retraction.

Exceptional workmanship

The recipe for champignon production is not that simple.

'Fungiculture is one of the most high-tech agricultural areas', says Denis Dzyuba, Chief Technician of the compost room at Gribnaya Raduga. 'We are the first to create a unique full-cycle production in Russia, which includes making our own compost and casing soil, cultivating champignons and selling the products.'

The enterprise employs Dutch technologies. The champignon

farm consists of a champignon room and a compost room. The mushrooms are cultivated on the shelves in special chambers each having its own autonomously maintained microclimate. All of these make the complex automated flow production.

Gribnaya Raduga controls the mushroom production quality at many levels during all technological stages.

'We grow natural, ecological, non-GM products without using chemicals, which is proved by the Declarations of conformity', comments Denis Dzyuba. 'We were also the first among Russian mushroom companies to receive the ecological certificate from Rosekostandart. It confirms the product environmental safety ensured by compliance with the respective regulations during production, storage and transportation. In 2018, the enterprise adopted a food safety management system based on HACCP and ISO 22000 principles.'

Our team

Currently, around a thousand specialists work at Gribnaya Raduga.

'Our company is growing and developing', shares Ivan Popov. 'So should be our people. We frequently organise professional trainings for our employees. It often happens that former greenhouse workers are promoted to managing positions. It is impossible to keep abreast of the times and boost production figures without a reliable team. We can boast such a team, and we are grateful to each of our employees for this.'

By Anna BORDUNOVA



FEEDBACK



Zaffrani wonder headers

Zaffrani headers from Italy are indispensable assistants in sunflower and maize harvesting. Their nickname 'wonder headers' is well deserved, as they can ensure both 100% quality and fast and easy harvesting.

The sunflower ranks 1st among oil crops in Russia in the acreage (70%) and gross yield (85%).

'Sunflower seeds are an incredibly popular product', says Aleksandr Yashchenko, Sales Representative of AgroCentreZakharovo Altai branch. 'In our region, this crop is planted almost everywhere. Its high profitability results in constant increase in the sunflower acreage.'

However, producing a good yield is not enough; what is more important is a prompt, high-quality and timely harvesting of the crop, and Zaffrani headers can give a helping hand to Altai farmers. User-friendliness and high performance ensuring the shortest harvesting time are the major advantages of these machines.

'The design features of the header guarantee full and

clean harvest of all sunflower heads even at the minimum height from the ground', comments Dmitriy Semyonov, Sales Representative of AgroCentreZakharovo Altai branch. 'The losses do not exceed 3%.'

Versatile Zaffrani headers can optimise the performance of any combine increasing the harvesting speed up to 13 km/h. At Progress farming enterprise located in Petropavlovskoye district, Altai area, three combines harvest up to 350 hectares per one shift.

'This year, our sunflower harvesting has not taken long', shares his delight Pyotr Visloguzov, Manager. 'We sowed 1,500 hectares and harvested the whole area with Zaffrani headers in five days. One header always runs with two KAMAZ trucks as one truck is not able to

cope with the task. When we had six ordinary headers, our harvesting period lasted for three weeks. Now the difference is obvious and the results are amazing. Purchasing the fourth header is our dream now.'

AgroCentreZakharovo Altai branch has been cooperating with Zaffrani for over four years. During this time, over 100 Italian headers have appeared in the fields of Altai area. No doubt, they boost the performance and increase the profitability of agricultural companies.

'Every year, we are becoming increasingly fond of Zaffrani headers', says Anton Didenko, Manager of Perspektiva farming enterprise located in Tretyakovskiy district, Altai area. 'We seed 2,200 hectares of sunflower and harvest the yield with two headers. Next year, we are planning to double the acreage and purchase two more wonder machines. They are truly worth this nickname — they take the hassle out of the job.'

Zaffrani headers can be coupled to harvesters of any brands, but it is important

to choose the right adapter. The header is operator-friendly and can be used even in rough conditions, for instance, when it freezes or when the soil is wet.

'Driving a combine is always a pleasure for me', says Yevgeniy Bezmenko, Chief Engineer and one of the Managers of a family enterprise in Volchikhha district, Altai area. 'Sometimes, sunflower harvesting can stretch into late autumn or early winter. However, nothing can stop the Zaffrani headers which have been flawlessly functioning at our enterprise for three years.'

The Italian brand also offers an efficient solution for maize harvesting — the headers gather the crop gently and fast, delicately pulling the plant down vertically in order to obtain the clean product with minimum losses. Relatively small header weight makes it possible to save fuel and extend the service life of the combine it is coupled to. Zaffrani headers always offer reliable and high-quality assistance to agricultural producers.

By Tatyana IGNATENKO



Bumper crop with HORSCH!

The HORSCH Pronto 12 NT is a compact precise seed drill with a 12-metre working width perfect for direct seed. The sowing combination of the wavy cutting discs and the well-proven TurboDisc coulters has considerable advantages especially in no-till conditions.

'The soil is cultivated only in the area where the seed will be placed', comments Vyacheslav Veklenko, HORSCH Rus Marketing Specialist, 'which significantly lowers the rolling resistance. So, even a mid-power tractor can handle the drill. The HORSCH TurboDisc coulters efficiently adjust to uneven soils, guarantee high coulter pressure and a precise seed placement even in compacted soils ensuring optimum seed emergence in the most challenging conditions.

The HORSCH Pronto 12 NT is also suitable for mulch or no-till farming. The depth of the fertiliser discs and the TurboDisc coulters can be adjusted separately with ease. The seed drill is equipped with a 12,000-litre waggon partitioned 50:50 for seed and solid fertiliser.

The fertiliser can be applied in two ways: in the furrow together with the seed or between the seed rows.

The waggon with 3 compartments mounted on

the platform is designed for both liquid and solid fertiliser application. The starter dose of the solid fertiliser is placed in the furrow together with seeds, whereas the liquid material goes between the rows.

The rigid connection of the frame and the waggon results in the partial waggon weight transfer to the seed coulters.

In the middle of September, AgroCentreZakharovo showcased a HORSCH Pronto 12NT FLD seed drill on the premises of Azot-Agro LLC (Kemerovo oblast).

'We planted SKIPETR winter wheat at a depth of 4 cm', comments Ramil Muzibatullin, Director General of Azot-Agro LLC. 'The rate of the seed application was set at 270 kg/ha. The fertiliser was placed between

the rows — 40 kg/ha of ammonium phosphate and 100 l/ha of liquid carbide-ammonia solution. With consistent seeding depth, the seedling emergence was perfectly uniform. Thus, the HORSCH Pronto 12NT delivered an outstanding performance.'

It is noteworthy that the trial plots where the fertiliser had been placed directly into the row with a different equipment showed a significant inconsistency in the depth (up to 5 cm) and the root system development.

The HORSCH Pronto 12NT seed drill applying fertiliser between the rows ensures intensive and uniform root growth and improves the overall root system development.

By Aleksandr KUTISHCHEV





Efficient baling solutions

Tyumen branch of AgroCentreZakharovo has had a demo show of the Kverneland 6716 SC14NT, a new-generation baler.

The machinery unit was showcased on the premises of Agrokompleks Mayak (Ognevo, Tyumen oblast), one of the largest farming enterprises in the region with the total herd size over 5,000 head of cattle and 20,000 ha of land.

‘The farming enterprise procures large volumes of shredded hay and straw yearly’, says Ivan Potanin, Head of Tyumen branch of AgroCentreZakharovo, ‘that is why a highly productive baler is a must-have for the farm. At the demo, the average output shown on various field areas was 60 bales per hour. The farm specialists were immensely impressed by the density and pressure in the centre core, mid zones and outer layer of the bales, their consistent size and quality.’

The Kverneland 6716 SC14NT baler delivered an impressive performance raking up hay in double swaths — 105 bales per hour.

‘The Kverneland 6716 baler has an edge over its counterparts due to its versatility and reliability’, comments Ivan Potanin, ‘as its chamber equipped with rollers and laced belts ensures instant and efficient bale start with straw, hay and haylage. The baling machine

features the SuperCut 14-knife chopping system and the PowerBind system for fast and reliable netting.’

The Kverneland Intelligent Density 3D system ensures precise control of baling pressure, which is essential to

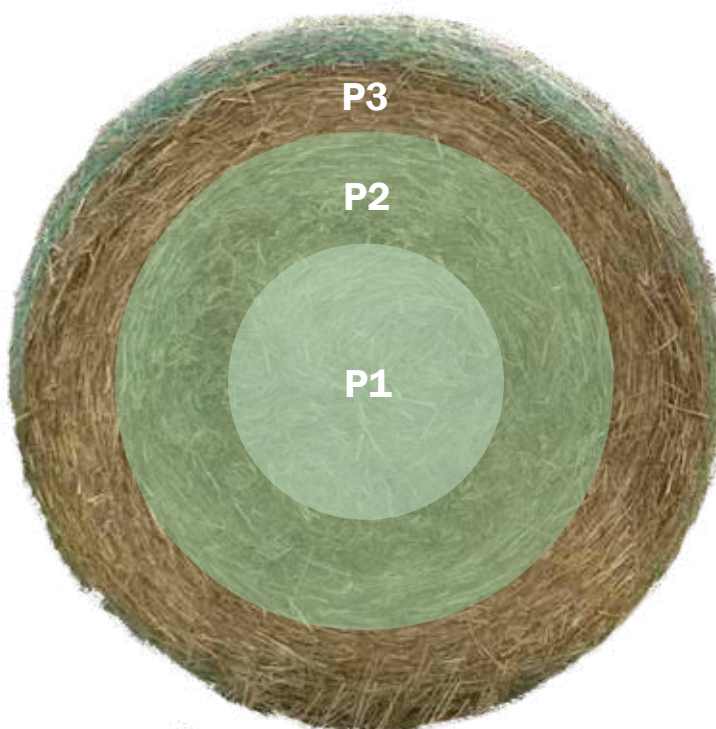
achieve correct bale density for each bale zone: core, mid and outer layer. Moisture penetration is reduced in high-density bales, thus keeping it fresh during winter storage. The operator can easily set the baling density and the bale diameter from 0.5 to 2 metres without leaving the tractor cab. In case of a blockage, the automatic system clears it in no time.

‘I have never operated a high-output baler before’, says Ivan Potanin. ‘The baling unit is so operator-friendly that it took me only half an hour to get the hang of the control terminal without so much as a peek into the manual. It is a piece of cake.’

Designed for easy operation from a single terminal, the baling unit saves your time and resources when it comes to logistics and storage. Minimum maintenance and remote machine setting adjustment make these baling units highly efficient.

The Kverneland 6716 SC14NT chamber baler is an indispensable helper at your farming enterprise!

By Darya DENISOVA



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Announcements

10-16 November

AGRITECHNICA 2019 Trade Fair
Messegelaende 30521, Hannover,
Germany

13-15 November

Agriculture Industry Forum of Siberia 2019
Sibir exhibition centre
Krasnoyarsk

19-22 November

Yug-Agro Trade Fair
Expograd Yug exhibition area
Krasnodar

27-29 November

Siberian Agrarian Week
Novosibirsk Expocentre International
exhibition area

12+

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