

AGROЦЕНТР News

[The corporate journal of
the AgroCentre Company]

Servicing centres develop along with their capabilities

Hot issues:

- ✓ Full speed ahead! AgroCentre has opened a new servicing centre.....p. 2
- ✓ Serving nature. The Challenger has come to the Nature Reservep. 3
- ✓ From England to Australia. There are million JCB machinesp. 3
- ✓ Lust for life. Eduard Mitrokhin speaks about new ideas and efficient machinesp. 8
- ✓ The nation's pantry will be kept by GSI.....p. 10



Servicing centres develop along with their capabilities



The company has opened its eleventh servicing centre in Chelyabinsk. This is located near the M5 Urals federal highway. Farmers from different places of the region came to see the new servicing facility whose workshop alone measures 600 sq m and can service up to 100 farming machines per month.

The guests visited a spare parts depot with an addressed storage system, a showroom and a demonstration site. There they were introduced to over 30 models from the world's best known manufacturers like Challenger, Vaderstad, JCB and Kverneland. Valley sprinklers were also demonstrated. The farmers eagerly took a test drive on the Challenger MT 765 C caterpillar tractor and watched the "break-dance" of the JCB 531-70 loader.

Sergey Sushkov, head of the Chelyabinsk Oblast Ministry of Agriculture, congratulated the farmers and AgroCentre, noting that within a short period of time the Company has shown itself to be a reliable partner, supplying a wide range of agricultural equipment.

Tatiana Grosul, the Chelyabinsk oblast's deputy minister of agriculture, said:

"Such a servicing site is a real gift for the farmers since finding quality and promptness of servicing is one of the biggest problems in our region."

Late this year, AgroCentre will open an Agricultural Equipment Servicing Centre in Lipetsk oblast. Today its construction is in full swing. The centre has been called "the farming test ground" for its large scale and unique array of capabilities. The area of more than 3 hectares will accommodate maintenance workshops capable of simultaneously servicing five units of self-propelled machinery and a spare parts depot measuring 500 sq m and storing 300 million rubles worth of components and subsystems. Classrooms are available for training. They will contain exhibits of agricultural equipment and its subassemblies. There are plans to build demonstration sites where one will see not only the equipment at work, but also

AgroCentre is doing its utmost to bring servicing closer to the customers' farms. And its efforts are duly rewarded. The company is not only expanding its "servicing geography," but is also improving the capabilities of its servicing centres.

demonstration crops. Thus, it will become possible to watch in real life the results of the machines' operation and the agricultural technologies they employ.

"We know that appropriate servicing is a great help for the farmers," says Sergey Lomantsov, executive director of AgroCentreLiski LLC. "Today, however, we wish to use the capabilities of our servicing centres for promoting modern technologies to the farms."

The new centre will also be a sort of a lab for "making new farming personnel". Students of agricultural educational institutions will get their practice at the Lipetsk branch of AgroCentre.

"This is a significant event for the region," notes Nikolai Tagintsev, the Lipetsk oblast vice governor. "This is not just one

more major servicing centres of agricultural equipment suppliers. It is actually the largest of its kind in the oblast. In the first place, this will enable us to develop our agriculture still further and to obtain modern farming technologies. Thus, the entire region's farming industry will start operating based on state-of-the-art concepts."

By Yulia SALKOVA



Agricultural Equipment Sales and Servicing Centre, Khlevensky district, Lipetsk oblast

Construction commencement date – Q2 2013.

Commissioning date – Q4 2013

Total area – 3,010.91 sq m.

Construction surface area – 2, 474.67 sq m.

Servicing centre components:

- servicing area;
- spare parts and expendable materials depot;
- training and master class area;
- equipment and technology demonstration site;
- showroom;
- offices

Expanding production

Einbuck has finished building a new assembly facility in Dorf an der Pram.



The steady growth of the enterprise and continuing sales expansion necessitated the build-up of manufacturing

facilities. The new workshop's area is 2,600 sq m.

"The opening of the new production site will optimise the internal processes in the interests of our customers," says Leopold Einbuck, the company's director general. "Thus, we

shall increase the enterprise's productivity and improve its image on the market."



New faces

Since the end of last year, the Kverneland Group CIS has been headed by Robert Zisack. Previously, he successfully ran the Moscow representation of GEA Westphalia Separator and worked for the German Academy of Management.

Over these several months, the company has expanded the geography of its supplies to the Far East. It also has

continued to increase the range of equipment due to be manufactured at its Russian facility in Lipetsk.

"We really need feedback from Russian farmers," says Robert Zisack. "Their experience in using the Kverneland equipment helps us improve the capabilities of our machines."

AN EVENT

Challenger puts down roots in nature reserve



The Kursk branch of AgroCentreLiski has found an interesting partner, the Professor V.V.Alyokhin Central Black Earth State Nature Reserve.

The Reserve has purchased a fodder procurement system which includes the Challenger MT 455B 110 hp tractor, mower-crusher and rakes of the same brand, as well as a Kverneland pick-up baler.

“Our Nature Reserve traditionally maintains the steppe in its several original guises,” says Andrey Vlasov, Reserve director. “To save the meadow steppe, we need to

mow around 1,000 ha each year. The machines we have used over the years have become rather obsolete. These are E-303 mowers built in the former East Germany, plus tractors and trailed attachments manufactured back in the Soviet era. Therefore, updating of our equipment has been an acute issue.”

The funds for acquiring hay-making

machines were made available to the Reserve under a joint project of UNDP/GEF/Russian Federation Ministry of Natural Resources and Environment “The improvement of mechanisms and systems for managing special protected natural areas in Russian steppe biome.” The project organisers declared a tender among the Kursk oblast’s farming equipment suppliers which was won by AgroCentreLiski.

“There are few remaining Nature Reserves in Russia,” noted Aleksandr Logvinov, director of the company’s Kursk branch. “That is why we enthusiastically received the new partner, the Central Black Earth Nature Reserve. We hope that our equipment will help us preserve and improve the virgin beauty of the local steppe. Once the season ends, our team will be sure to take an excursion to our Reserve.”

By Yekaterina GALUSHKINA



Väderstad involves the government

John Fredrik Reinfeldt, the Prime Minister of Sweden, has paid a visit to Väderstad. This is the first visit of the country’s premier to the company in the 51 years of its existence. He participated in discussions of prospects and issues facing Swedish export companies.

“Successful exporters are vitally important for Sweden and its national progress,” said Fredrik Reinfeldt. “We regard family businesses as re-investment in Sweden, which, in turn, creates more jobs.”

In 2012, Väderstad-Verken trade turnover amounted to 240 million euros. Revenue

is invested in research and innovations as well as in expanding the business. Now the company employs over 1,000 people, 200 of whom were hired in the past two years.

The prime minister pointed out that the future holds much promise for farming and food production since the world’s population is growing and poverty is being reduced. This leads to growing demand for grain to meet the needs of both the food industry and power generation.

“We’re proud that our company has drawn the government’s attention,” says Kristina Stark, Väderstad executive director. “We have an opportunity to discuss the problems we have to resolve as an export organisation. The strong Swedish krona adversely affects our business, because we sell 90% of our products abroad.”

From England to Australia

JCB has turned out its millionth machine. This number is sufficient to make a continuous chain from the UK to Australia.



The event was celebrated in England at the company’s head office. The hero of the occasion was the millionth machine, a JS220 22-tonne caterpillar excavator.

“It took JCB over 67 years to produce a million machines,” said Anthony Bamford, JCB chairman of the board of directors. “A third of them have been built in the last six years. Given that we are steadily growing and developing, we shall reach the two million mark much faster.”



JCB took their fancy

Re-equipment of the Tyumen oblast's agricultural enterprises was the focal point of the Agro-Industrial Complex 2013 exhibition. This year it was arranged on a particularly large scale. Around 40 supplier companies familiarised the Tyumen farmers with 110 samples of modern farming machines. AgroCentreZakharovo came up with over 20 types of equipment.



"Even though the region's agricultural enterprises have increased their purchase of modern equipment over the last few years, the number of obsolete machines they use is still significant," said Vladimir Cheimetov, deputy governor, during the event. "We must pay special attention to re-equipment of the farming industry, particularly now that

Russia has joined the WTO." AgroCentre managers pointed out that the farmers took a keen interest in sowing machines, sprayers, and caterpillar tractors. Telescopic loaders were particularly in demand. They interested both large agricultural enterprises and small farms. On the demonstration site of AgroCentre, the farmers

found JCB loaders suitable to any taste. On display were models with lifting capacity of 3 to 4 tonnes and a boom of 6, 7 and 9 metres. The JCB 541-70 loader participated in the competition. In terms of manoeuvrability, it outdid all other models.

"JCB loaders won the trust of the Tyumen farmers by their reliability, quality and

versatility," says Artyom Ozhogin, sales manager of the Tyumen branch of AgroCentreZakharovo LLC. "They won't stand idle either on stockbreeding, seed producing or diversified agricultural enterprises. Last year we supplied 12 'telescopes' to the oblast's farms."

At the PK Moloko LLC (Nizhnetavdinsky district, Tyumen oblast) the JCB 531-70 loader has been operating for over a year. Rushan Nugmanov, chief engineer of the enterprise, likes the machine very much: "We've got 3,000 milch cows on our farm. So the loader doesn't miss a day without work. It loads silage, mixed fodder, hay. With its 7 metre boom and 3 tonne lifting capacity, this machine is just what we need. Due to its superior agility, it swiftly moves around even in narrow spaces. Its design provides for the lateral positioning of the engine, due to which the machine is easy to maintain and service. We're eager to acquire another assistant like this."

By Anna BORDUNOVA

St Peter's Cathedral and... a tractor plant!



This one proved to be just as interesting! Our farmers visited AGCO's state-of-the-art tractor plant, which produces a wide range of wheeled tractors with a capacity of 65 to 280 hp.

The manufacturing facility,

measuring 40 ha, looks rather like a town. It sends out into the world a variety of AGCO tractor models, including the Challenger. On average, the plant releases 85 machines per day. Each one is assembled for a particular customer or dealer.

"Our farmers watched production of the MT 500 and MT 600 series tractors," says Nikolai Kunitsin, AgroCentreLiski sales department manager. "These models are in high demand. The MT 600 is a versatile machine;

One of the best known sights in Beauvais, France, is St Peter's Cathedral. However, the customers of AgroCentre discovered one more place of interest there!

it works almost with all tools and in all operations. The MT 500 proved to be a fine machine for fodder making."

The guests visited the tractor assembly, painting and diagnosis lines. Possibly, on that day, some Challenger tractors were being assembled for AgroCentre as well.

"What impresses you in the first place is the size of the plant," says Andrey Palachev, deputy director general of Muchkap-Niva LLC. "Another pleasing factor is the high level of automation and multiple-stage quality control. After this trip, you come to realize that in France there are some other things to see besides the Eiffel Tower and St Peter's Cathedral. Thus, our farmers have discovered another place of interest for themselves, the tractor plant in Beauvais."

By Yulia SALKOVA

Unique ideas for life!

AgroCentre participates in the JCB conference, the largest in its 67-year history.

The specialists were briefed on the history of the company and introduced to the equipment it manufactures. They were also shown an innovations centre, where unique concepts are generated for creating new machines and upgrading existing ones. Incidentally, around 70 new machine models rolled off the facility conveyor in the last five years.

The guests were familiarised with the LiveLink system that controls the fleet of machines.



"LiveLink is unique software making it possible to perform remote monitoring of farm equipment," says Andrey Funk, AgroCentreZakharovo LLC manager. "All the farmer will need is just a PC linked to the Internet. Beginning this year, the LiveLink system is included in the standard component

package of telescopic and front-end loaders."

The finishing touch of the event was a demonstration of the agricultural equipment. Over 60 machines simultaneously came onto the podium, showing off their capabilities.

By Anna BORDUNOVA

A record breaker

The Tempo F8 seeder from Vaderstad set a new record. In a 24-hour race, it sowed 212 ha of maize. The average sowing speed was 18 km/h. Thus, each row of the sowing machine had sown an area of 26.5 ha. This is 42% more than the previous

official world record set by the 24-row model in 2012. The sowing took place on two fields near Kiev, in an area of rich black soils. This was monitored by a committee from the Ukrainian Research Institute of

Certification, Standardisation and Information Technologies. The normal seeding rate was 85,000 seeds per 1 ha at a

depth of 5.2 cm. Fertilisers were introduced in the standard amount of 130 kg per hectare.



Nice meeting!



In the new season, AGCO has prepared an array of new products for farmers. AgroCentre customers who attended the presentation of equipment in Simferopol could see them all for themselves.

The focus was on tilling and seeding equipment. The guests familiarised

For over half a century, this plant has produced tilling machines for use in different climates. The special feature of the machines is an array of toothed discs set at an 18° angle of attack. This makes it possible to concentrate one's efforts on crushing the crop residues and drying the soil. The cultivators are ideally suited for use in regions with a cold and humid climate, making it possible to start the seed work ten days earlier. Another advantage of these machines is their soil compacting capability. The operating width of the cultivators varies from 6.4 to 10 metres. The cultivator treats the soil to a depth of 8 cm. The front and rear disc row levelling system is driven by a hydraulic unit controlled from the tractor

operator cabin.

For a strip

models with an operating width of 6.1 to 9.15 m. The disc blades, 61 cm in diameter,



themselves with a new cultivator for vertical and band-type tillage, heavy disc harrows and pneumatic seeders. Sergey Lukyanets, an AGCO expert on seeding and tilling equipment, told us about the new products' special features.

The tooth does it

The new Challenger 6600 vertical tilling cultivators are manufactured at the AGCO Corporation's facility in Beloit, Kansas, USA.



Challenger 7600 cultivators are designed for strip tilling. When using this technique, the soil is tilled only in the strip into which the seeds are introduced. Thus, the between-the-row space remains untouched. Stilling is used for growing tilled crops. The Challenger 7600 series of cultivators includes

penetrate deeply, cutting both on- and under-surface crop residues and preventing their build-up on the tillers. Steady tilling depth is achieved by using an adjustment band on the disc blades. Thus the cleanness of both blades and bands is maintained by adjustable cleaners suitable for operating in the hardest of conditions. Particularly careful soil tillage for better penetration of moisture is achieved via the cleaners, which remove the cut crop residues from the row directly before the tillers. The ridge cutting disc blades, 40 cm in diameter and having a wave-shaped edge, are fully adjustable. These are fitted next to the loosening rack so as to



NEW PRODUCTS

better grip the upturned soil and to make ridges of optimum shape and height.

At high speeds

Due to simple adjustment, tuning and servicing, the Challenger 5700 pre-seeder cultivators ensure high-speed operation. Consisting of 3 to 5 sections, the machines have an operating width of 7.6 to 18.3 metres. Depending on width, the number of tillers varies from 43 to 103. The cultivators can be attached to 175-540

meeting the demands of most farmers.

The new series 1800 heavy disc harrows are double-disc models with an operating width of 4.3 to 11.7 metres. They differ in having larger diameter discs. Due to the strong frame, the machines can operate on hard and difficult soils. The cut-out discs are fitted on the outside edges of each gang. The support wheels are located in front of the lateral sections, thereby helping to maintain a



hp tractors. Extra strength is provided by a sixth beam added to the rear of the main frame. The floating suspension mechanism helps the machine to closely follow the profile of the field being treated, all of which ensures superior cultivating quality.

The power is there — time to work

In the 1960s the forebears of those producing today's Challenger disc harrows designed and offered to the market the first tilling tool that made it possible to treat soil on an irregular surface and get efficient edge finishing of the field. The expertise accumulated when creating cultivation equipment makes it possible for us to offer a variety of tools

steady cultivation depth. The rear wedge-like gangs change the angle of attack. All of this contributes to even tillage without formation of ridges and furrows.

Seeding to enjoy

We presented a new pneumatic seeder, Challenger 9800. Its special feature



is the use of a patented technology of single-disc coulters positioned opposite

soil prevents compression of the side wall and penetration of the stubble into the furrow,

Andrey Tabachkov, head of a farming enterprise, likes the Challenger equipment. On his farm, he uses the series 5 tractor (230 hp):

"It's good that AGCO arranges such events," says Andrey Tabachkov. "I've spotted interesting newly developed products for use on different soils and set my sights on some of them. This is trustworthy equipment, all the more so because it comes from a dealer like AgroCentre. Their servicing is superior and attitude is responsive."

each other which raise and remove the soil in a 15 cm inter-row spacing. The loosened soil from the coulters moves backward to the roll-on wheel, which levels out and compacts the soil. Such removal of the

thereby easing sprouting.

The seeders are simple to use and suitable for seeding by zero, minimal or traditional tillage methods. Due to such an arrangement, the operator can remain in the cabin: the disc pressure is regulated by the onboard terminal and not manually as on most counterparts.

The seed and fertiliser introduction process is controlled by modern onboard computers. The Challenger 9800 basic component package includes transducers used to monitor the batcher shaft, bin filling level, batcher clogging, system movement speed and ventilation rotation. The seeding area and seed consumption meter controls the process with a very high degree of accuracy. In addition, these seeders are adapted to the ISOBUS system, which facilitates operation via the tractor's onboard computer.

By Anna BORDUNOVA

Lust for life

Eduard Mitrokhin, head of the Mitrokhin farming enterprise is a real hunter for novelties. He was the first in the Orel oblast to start growing food production soybeans. He was also the first to acquire the Challenger 647C grain harvester, which appeared just a year previously. On top of that, he was the first to tame a roe deer, the forest beast.



— Eduard Vladimirovich, aren't you afraid of being a pioneer? Why, of all things, soybeans?

— It's exciting to be a pioneer, because you never know the outcome. As soybeans go, today, I believe, it's one of the best plants and ideally suited for the crop rotation. True, its productivity is lower than that of barley, but for all that it fetches twice as much. And the demand for it is invariably high, so that we sell all our harvest to the Tambov, Voronezh and Smolensk oblasts. Its production cost actually includes nothing except that of timely treatment of the sprouts against pests and diseases. There are no expenses on transportation and grading.

Today, Mitrokhin's farming enterprise is actively engaged in crop production. On an area of 1,600 ha, it sows soybeans, buckwheat, wheat and oats. Much attention is given to advanced tilling methods. In ten years of farming, Mitrokhin has tested many of them. At one time, he grew brewing barley, but then changed the course, switching over to the production of soya.

— What agricultural machines do you use?

— We use both home-built and imported machines. The imported ones are of higher quality, more productive and enduring. Their service life is 5

changed since then?

— We've used the machine for one season and can say it's faultless. This is the first imported harvester on our farm. Our productivity has grown 2.5 times and spending has decreased. Last season we harvested soybeans, buckwheat and oats on an area of 1,200 ha using this harvester. By comparison, the Don counterpart does only 20 ha per shift, which is its best result, whereas the Challenger comes up with an impressive 50! After using

This is triple threshing! The terrain-following feature is an amazing device that increases the operating speed and cuts post-reaping loss. Fuel consumption on practically all the crops is 9 to 10 litres per ha.

— What do the operators make of the new machine?

— This is like comparing a Mercedes and a Moskvich! The designers left nothing to chance, creating excellent working conditions for the operator. The cabin is clean, cool and quiet. The comfortable pneumatic suspension seat has a built-in armrest with control panel. Thus, without leaving the cabin, the operator can obtain data on the

to 6 times longer than that of our domestic counterparts. For instance, a Challenger tractor can run for 16,000 hours! Ten Russian counterparts couldn't do so much in ten years!

— What are your requirements when choosing agricultural equipment?

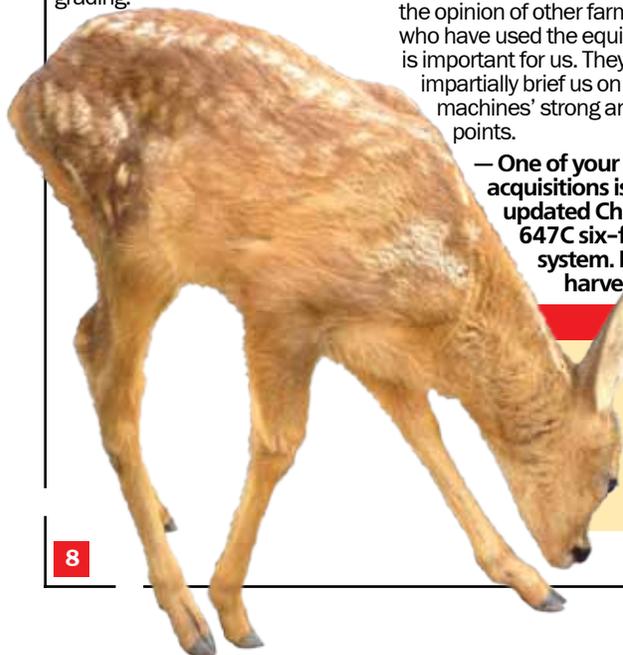
— We're always concerned with the price-to-quality ratio. Of course, the opinion of other farmers who have used the equipment is important for us. They can impartially brief us on the machines' strong and weak points.

— One of your latest acquisitions is the updated Challenger 647C six-finger harvesting



the Don we fetch the grain to the grading site, whilst the Challenger enables us to take it straight to the storage facility!

crop yield and moisture content. By the end of the shift, he can print out data showing how much grain has been threshed and on which area.



Personal

The head of the enterprise loves to drive a snowmobile, to fish on the pond and to hunt with his friends for game, wild boars, elk and roe deer. True, the latter has recently been entered in the hunter's Red List. For over a year, the Mitrokhin family has kept an unusual pet, a wild roe named Fantik. In a way this, too, is a local point of interest. Everyone in the village is fond of this animal, treating it to sweetmeats, apples and fried sunflower seeds. Eduard Mitrokhin says this wild animal is very responsive to good care and kindly treatment.

By Yekaterina GALUSHKINA

AGROCENTRE RECOMMENDS

Manage your water use!

Valley sprinkling systems are used by farmers all over the world. In a year and half, the Valmont company has created a sophisticated dealer network in Russia. This covers most of the territories where the sprinkling systems are in demand. However, few know that during the Soviet era the Kuban and Fregat sprinklers were designed based on developments of this venerable American company.



Today, Valmont and its dealers seek not only to restore sprinkling technology in Russia, but also to introduce and disseminate new systems for

efficiency of the sprinkling/irrigation systems, the company offers a number of extra options.

Due to the introduction of IT in

monitoring, control and data gathering.

“The BaseStation2-SM allows you to watch and monitor several sprinklers at a time,” says Maxim Shchukin, irrigation expert of AgroCentreZakharovo LLC. “All the information is transferred to the user’s PC by an exclusive radio network which operates independently of the mediator’s linking system or

the Internet.”

According to Maxim Shchukin, the use of remote control systems eases in many ways the operators’ use of the Valley irrigation systems. This enables the farmers to optimise the production, to detect and rectify faults in a timely manner, and to save substantially on labour input due to reduced field visits.

By Yekaterina GALUSHKINA



the same purpose. The demand is particularly high for the circular irrigation systems with an operating radius of 400 to 700 metres.

“It is important for us that the farms should get maximum efficiency from the irrigation system installed,” says Maxim Dukhinov, director for development of Valmont Irrigation in Russia.

Much attention is given to the training of the dealers’ servicing specialists and the farm engineers. In order to increase

farming, it has become possible to “manage water” from any place on earth. The case in point is a unique product, the Valley BaseStation2-SM basic station. This is a fully computerised package of hardware fitted with software compatible both with the Valley control panels and some others from outsider manufacturers. The farmer can control the equipment from his computer, mobile phone, smart phone or pad. The software integrates three main functions:

Remote monitoring

- The sprinkling/irrigation machines are shown on the monitor as simple maps or tables
- The machine’s current status is shown in different colours
- Information about whereabouts and direction is presented individually for each machine
- The PC monitor gives a brief review of all the operations in progress on the field
- Access to diagnostics information on the circular irrigation system

Remote control

- The control panel is shown on the PC monitor
- Work progress controlled without outing to the field
- Radio network supports communication between machines and PC

Data gathering

- Reporting based on the manufacturer’s requirements
- Storage of the operating history of each machine (water flow speed, operating time, pressure)



GSI helps preserve

the harvest

The question whether to place one's harvest in safe keeping with an outside elevator firm or to get one's own is a matter of individual concern for each farm. It should be remembered that storing the harvest "on the side" reduces revenue from grain sales by 20 to 25%. So, is it economically reasonable to do so or should one seek to have a grain storage facility of one's own? The latter seems to be more logical given that new grain storage facility manufacturers have come on the market with various versions of such equipment at a very attractive price.

Since the beginning of the year, AgroCentre's product range of post-harvest systems features items from the North American concern GSI. Among these new products are grain storage facilities from the true leader in the class which accounts for 27% of the US farming market.

GSI manufactures grain drying and storage equipment and transportation systems. AgroCentre supplies both individual parts of the grain processing equipment and complete solutions, such as elevators with loading/unloading systems and ventilation.

Silos

Grain quality depends largely on where it "dwells,"

Compared to the competition, GSI manufactures silos from thicker steel (5.3 mm), which makes them practically ageless. Another advantage is the simple assembly process. The parts fit tightly due to excellent workmanship and a well thought-out fastening system. The cone-bottomed silos (for commercial applications) are used to store grain which needs to be regularly handled. This is a fine solution for minimising labour input in loading and unloading. Depending on the model, the cone angle may be 40°, 45° and 60°, with the capacity varying from 50 to 4,800 tonnes.

Flat-bottomed silos (barrels) are designed for storing all kinds of crops. They are fitted with a smart ventilation system maintaining the optimal moisture of 10 to 12%. In

precisely this condition, all the biological processes, microorganisms, and insects cease to function and develop. AgroCentre supplies a uniquely wide range of variously sized barrels with a capacity of 2,000 to 35,000 tonnes.

Grain dryers

GSI manufactures a variety of grain dryers with an output of 4 to 120 tonnes per hour and running on different types of fuel (natural gas, liquid propane, and diesel). The grain drying systems are used to dry grains, leguminous plants, oil-bearing crops and cereals. All the management operations are automated.

In modular dryers, air of a specified temperature passes under high pressure through a uniformly thick layer of grain, heating it in the process. The moisture is removed outside through the perforated grain bin walls. Heat generators mounted on the dryers ensure minimum fuel consumption at maximum efficiency.

Tower dryers are used to dry grain on a scale of commercial elevators and large farms. The grain fed over the cone surface of the drying bin is evenly discharged, filling the grain columns between the perforated drying bin wall

and the perforated external stainless steel housing.

Passing through a layer of grain, the hot air heats it. The moisture separated during this process is removed outside. The air flow forced by the ventilator goes through the on-line burner, evenly distributing the heat in the drying bin. The burner can run both on natural gas and liquid propane. The heat recirculation system ensures maximum fuel economy and cuts drying-related spending.

GSI also manufactures all sorts of transportation equipment for careful and rapid loading and unloading of grain.

- bucket chains
- belt conveyers
- chain and scraper conveyors
- screw type conveyors

"The situation on Russia's grain market is rather unstable," says Sergey Sobolev, head of the grain technologies department at AgroCentreLiski LLC. "It pays to sell the grain when the prices are maximally high. So, one has just to wait, keeping the grain in the right condition. That is why we've chosen expressly this equipment, which offers the best capabilities for storage."

By Yulia SALKOVA

Swedish quality proves itself

Today, the hero of our publication is the Carrier stubble cultivator from the Vaderstad Company. Our partners shared their opinions on how this machine looked in operation.



Dmitry Mosolov, adjuster of imported equipment with SelkhozInvest LLC LivnyInterTechnology holding, Orel oblast. The agro-holding engages in crop production and stockbreeding.

"We were the very first in the oblast to buy the Carrier six-metre cultivator. This is a multiple use machine which can simultaneously disc, level out and pack the soil. These are its attractive fortes. In a single passage, it fully prepares the soil for taking in the grain. The treatment depth is 5 to 7 cm. We used it in the wake of harvesters over the freshly mown stubble. The treatment quality is suitable to the needs. The cultivator finely crushes, distributes the straw and mixes it with the soil, creating good conditions for sprouting of windfalls and weeds. The Carrier aft roller does an excellent job compacting the soil so as to retain its moisture. In a day, it treats around 50 ha. It travels over the field at a speed of 12-15 km per hour. After the cultivator passes, the field looks even and fine. The quality assured by the Carrier fully meets the renowned Swedish work standards. In three years of operation, we've replaced only one ball bearing. This year we're going to buy another Carrier."

Igor Pshenichnikov, chief engineer of the Sapphire farming enterprise, Kursk oblast. The principal business lines are crop production and stock breeding.

"The Carrier cultivator is not a new item in our inventory. We acquired it this year. Despite the brief time, it has shown itself to advantage in pre-sowing soil treatment. Compared to its counterparts, the Carrier crushes the soil more intensely

and prepares it better for ploughing. This is achieved due to the conic notched discs which aggressively cut the soil and introduce crop residues to a depth of 9 cm. The average speed is 9 to 10 km/h."

Eduard Mitrokhin, head of the Mitrokhin farming enterprise, Orel oblast. The farm specialises in the production of soybeans, buckwheat, wheat and oats.

"The Carrier is working on our farm for the first season. It treats 100 ha per shift. At the moment, it's done 1,000 ha. It operates without loss of time, treating the soil for sowing and doing the primary stubble embedding. It does a great job levelling out and compacting the soil. We'll also use it on the fallow land."

By Anna BORDUNOVA



OFFERS! Under Control

Inspection of sowing equipment upon completion of the season

The jobs we do:

- inspection of sowing equipment upon completion of field work
- trouble-shooting and fault correction
- recommendations for ordering spare parts
- mothballing the equipment for between-seasons storage

What you get:

- a special offer for order and supply of spare parts:
 - ✓ conclusion of a delivery contract and launching the order without prepayment
 - ✓ special prices for the required spare parts
 - ✓ delivery dates convenient for the buyer
- **Discounts for services — up to 20%**
- Attractive prices for a work package related to mothballing the equipment

The offer is valid from 15.05.2013 to 30.06.2013

Inspection of self-propelled sprinklers upon completion of the season

The jobs we do:

- inspection of self-propelled sprinklers upon completion of field work
- trouble-shooting and fault correction
- preparation of recommendations for ordering spare parts
- a package of work related to mothballing the equipment for between-seasons storage

What you get:

- a special offer for order and delivery of spare parts:
 - ✓ conclusion of a contract to deliver materials and launch work without prepayment
 - ✓ special prices for the required spare parts
 - ✓ delivery dates convenient for the buyer
- **Discounts for services — up to 20%**
- Attractive prices for a work package related to mothballing the equipment for storage

The offer is valid from 01.06.2013 to 30.07.2013



More details are available at all AgroCentre GC servicing centres or at our www.agrocentr.ru site in the Special offers section.

Scan QR code to go to the service offer page

SUPER Prices

A pre-season price reduction for Challenger Fella fodder procurement equipment spares

- When ordering fodder procurement equipment spare parts, you get a **20% discount**.
- Terms of shipment — 50% prepayment; 50% within 15 days following the shipment* (* a delivery contract must be concluded)

Pre-season price reduction for Challenger self-propelled mower spare parts

- When ordering spare parts for self-propelled mowers under the promotional event, a **25% discount** is provided.
- Terms of shipment — 50% prepayment; 50% within 15 days following the shipment* (* a delivery contract must be concluded)

The offers are effective from 15.05.2013 to 30.06.2013

Special prices for filters to maintain Challenger self-propelled machines

- When ordering original AGCO oil, fuel and air filters for servicing Challenger self-propelled machines under a promotional event, a **25% discount** is provided

The offer is effective from 15.05.2013 to 31.08.2013



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