

AGROЦЕНТР News

[The corporate journal of
the AgroCentre Company]



Hot season



Hot novelties



Smash- hits of the season on Field Days

pages 3, 5, 12



Hot issues:

- ✓ Strong together! Russian Machines and AGCO are pooling their efforts to manufacture agricultural equipment.....page 2
- ✓ GSI tower dryers are works of the engineering art.....page 4
- ✓ "We need good heads and smart machines," said Victor Antipov, General Director of Artel CJSC. He spoke about his own approach to agriculture.....pages 6-7
- ✓ Trimble system for precision agriculture turns tractors into "Boeings".....page 8

Strong together!

Russian Machines and AGCO completed a deal to establish an AGCO-RM joint venture for production of agriculture machinery.

The strategic alliance between AGCO, global producer of agriculture machinery, and Russian Machines Corporation will allow both companies to boost their positions in the Russian agricultural machinery market. In this partnership, Russian Machines are going to enter the mechanical engineering segment, which is new to the Corporation,

and enhance their positions in one of the most promising international markets. In turn, AGCO is contributing the best technologies and innovations available for farmers all over the world.

The project implementation started in September 2013 when the companies signed a joint venture agreement. A facility for agriculture machinery assembly was established in Golitsyno along with logistics centres for distribution of final products and spare parts. SKD assembly of the Challenger and Massey Ferguson machinery is underway, to be followed

by manufacture of Fendt and Valtra machines by the end of the year.

The next step towards higher localisation is the plan to assemble the most popular self-propelled machines – the Massey Ferguson 7347 and 7370 8-walker combine harvesters and Massey Ferguson tractors of the 7000 and 8000 series.

“In partnership with AGCO Corporation, we are expanding our competencies in agricultural equipment production. The AGCO-RM joint venture has huge potential for development, enabling us to

meet the demand in Russia,” says Manfred Eibeck, Director General of Russian Machines Corporation.

In turn, Rob Smith, Senior Vice President, General Manager EAME for AGCO, noted that the joint venture with Russian Machines Corporation will enhance the market standing of the company by offering Russian farmers not only agricultural machinery and equipment assembled in Russia, but also bringing in efficient and innovative solutions aimed at raising the performance of their businesses.”



One day with AgroCentre!

AgroCentreZakharovo invites all Penza farmers to participate in an Open Doors Day to be organised at their new dealership for servicing agricultural equipment.

A new service centre was opened in Penza this year. Already about 50 regional farming enterprises enjoy its services for equipment maintenance. The spare parts storage facility (600 m²), service area (700 m²), office premises (240 m²), and demo-site for agriculture equipment samples are situated on 0.8 ha grounds. The service centre is equipped to meet up-to-date requirements, and it possesses everything necessary to perform diagnostics and repair of agricultural machinery within the shortest time possible. “During the hot season no down time of agriculture

machines is allowed. Any delay in operation is just impossible, whatever the reason is. The service engineers work 24 hours a day to prevent even the possibility of down time or delay. The new service centre will provide more options for quality and timely service,” says Artem Simbulatov, Director of the Penza branch of AgroCentreZakharovo.

During the Open Doors Day, they scheduled a study-tour of the service centre to familiarise the farmers with new models of agriculture machinery and to answer any questions of interest.

By Anna BORDUNOVA



Demand fosters development!



In early summer, agricultural producers of Yaroslavl oblast and adjacent regions attended the traditional Field Day. A demonstration of up-to-date technological solutions was conducted for all forward-looking agricultural producers on the grounds of the Agricultural Enterprise Voshchazhnikovo JSC (Borisoglebsky district, Yaroslavl oblast). AgroCentre participated in this event.

“At this Field Day, more than 70 suppliers presented cutting-edge agricultural machines coming from all corners of the world. They are in demand, and demand fosters development of agriculture,” says Sergei Yastrebov, the Governor of Yaroslavl oblast.

The tractor Valtra T 191h (189 hp) on display at the stand of the Yaroslavl branch

of AgroCentreZakharovo was greatly admired. This brand of tractors is the most popular both in agriculture and in forestry as well as in utility work.

“This tractor is ideal for livestock and crop enterprises, including vegetable producers with fields covering up to three thousand hectares. T Series Valtra tractors consume much less

fuel. SCR technology makes it possible to refine exhaust gases and optimise engine performance. In addition, the tractor’s dimensions meet all road traffic regulations. One can drive it on regular roads without any escort,” says Evgeny Lukyanov, head of the service department at the AgroCentreZakharovo LLC regional company.

Livestock producers of the region favour the ‘jack-of-all-trades,’ the telehandler JCB 531-70 Agri. A wide range of attachments shows the huge capacity of this smart, reliable, and failure-free machine: wad handling, fodder preparation, loading-unloading operations at a height of up to seven metres, cargo transportation. Thanks to the quickly detachable carriage, replacement of attachments takes just two minutes.

GSI dryers were also in demand from the guests of AgroCentre. Agricultural producers complained about the capricious weather of the central region, which they have to cope with and compensate. It is impossible to prepare grains for market without dryers here. Compared to its peers, the prices for GSI equipment are quite reasonable. The price matches the quality of the dryer and the quality of grains after drying.

By Yulia SALKOVA

Massey Ferguson hits the spot!

Over 1,000 guests from different regions of Russia and the CIS arrived at the 15th Kursk Korenskaya Fair to see and be seen. AgroCentre demonstrated advanced agricultural machinery from world-famous brands.

The Challenger MT 865C caterpillar tractor, JCB 531-70 telehandler, Carrier cultivator by Vaederstad and Massey Ferguson tractors of the 7 and 8 series sparked profound interest among the visitors.

“Fifteen Massey Ferguson tractors have already been operating in our region. The updated, powerful six-cylinder AGCO POWER engine, the highly efficient continuously variable Dyna VT transmission, and the lift capacity of rear mounting up to 12,000 kg — all those features make the machines ground-breaking in their class. Those tractors feature high performance and reach speeds of up to 50

km/h,” explains Aleksandr Usov, senior manager of the Sales

Department in the Kursk branch of AgroCentreLiski.

Aleksandr Sivtsev, Director of Spasskaya Niva LLC, purchased the JCB 527-58 telehandler at AgroCentre. By the way, it is the first telehandler in Kursk oblast. He also paid attention to the Massey Ferguson 7624 tractor presented at the fair.

“Long ago I put my eye on this machine. It boasts high performance, excellent manoeuvrability and economical efficiency. In the case of our farm, it hits the spot! We should arrange to purchase this tractor,” says Aleksandr Sivtsev.

By Anna BORDUNOVA



Real capacity

Two big GSI 5000G tower grain dryers are being assembled by AgroCentre-Zernovye Tekhnologii at two farms of the APK Orlovskaya Niva CJSC. This year's crop will be entrusted to these powerful works of the engineering art known for their unprecedented capacity.

"These grain dryers feature a unique design providing high capacity, ranging from 30 to 330 t/h. Our clients checked many times and found that actual capacity meets the data indicated in the specifications!" says Sergey Sobolev, head of the sales department at AgroCentre-Zernovye Tekhnologii LLC.

Compared to the dryers from other manufacturers, the whole heating chamber of a GSI tower is surrounded by the grain column. Hot air passes through the grain column without wasting heat.

Invertors installed inside the GSI tower move dried grains from inside out, so that wet grains supplied from the external portion of the column take their place.

Dried grains are processed by captured heat which other dryers just radiate out. Such mixing helps to maintain optimal grain temperature and reduces fuel consumption.

Mikhail Zhirnyakov, Deputy Director of the APK Yunost CJSC (APK Orlovskaya Niva CSJC) offered the following comments:

"Our agricultural holding has large production volumes. We produce grains for sale and for mixed feed preparation. So we need powerful dryers. We purchased GSI grain dryers of the tower type with a capacity of 135 t/h (wheat) and 90 t/h (maize) for installation at two elevators. We selected the dryers based

on our own experience in drying equipment operation and also on the experience of other agriculture enterprises already using similar dryers. We received good feedback. They told us that the real capacity exactly matched the specifications. One more advantage was the compact dimensions of the tower: height about 31 m with a diameter of 7.5 m. Equipment servicing was considered to be one of the major factors, and AgroCentre stood tall in this regard. We also liked the basic configuration of the dryers. A variety of sensors, valves, systems for drying process control and monitoring are included in the standard delivery set. Other manufacturers offer such features as options for extra money. The towers are quite easy to install. Now we have reached the last stage of assembly and installation."

By Yulia SALKOVA

As viewed from inside

AGCO has carried out its scheduled dealers' training. This time training took place in Italy, at the European plant manufacturing grain harvesters. AgroCentre specialists attended the sessions as well.

Before looking inside the combine harvester and comparing it with competitors, the dealers examined all production stages of the plant. Here at the laboratory, plant specialists demonstrated quality assurance procedures. After this study-tour, practical training was carried out. The dealers were told about features of the MF Activa, Beta and Centora grain harvesters in comparison with competitors. The MF Centora 8-walker harvester, a very popular model in the European market, drew outstanding interest of the participants.

"Compared to competition, this harvester features a larger separating area and higher threshing quality. In addition, this model is equipped with an innovative system for cylinder loading control. It monitors cylinder operation depending on load," explains



Aleksey Porokhin, senior manager of the sales department at the Penza branch of AgroCentreZakharovo.

PowerFlow reapers (5.5-6.7 m) equipped with longitudinal belt conveyors will be available in the Russian market this year. Conveyors of this type provide smooth feeding of the harvested mass, resulting in better quality of threshing and separation. These machines are ideal for harvesting grain crops and rape and they also show excellent results on down crops.

By Anna BORDUNOVA

Good speed helps sowing!

This spring AgroCentre conducted several equipment demonstrations in which about 20 models of agricultural machines were presented.

“We believe that it is better to demonstrate agricultural machines in action once than to tell stories about them one hundred times. Our spring demonstrations confirmed this once more: our machines were taken from demo field to farms immediately,” says Sergei Lomantsov, Executive Director of AgroCentreLiski LLC.

According to Aleksandr Kirichenko, Director General of Agroholding-AST LLC, Lipetsk oblast:

“Just before the start of the new seeding season, AgroCentre carried out a demonstration of the Challenger CH 9030-40 Single Disc pneumatic drill. As a result, two machines are operating at our farm. Fuel economy was the first thing we noticed, because preliminary tillage was not required. This multifunctional drill allows

sowing either by traditional or zero technology. We seeded spring barley using zero technology and thus spent less motor-hours and man-hours. Sprouting quality was really pleasing — the sprouts were even and uniform as if set by scale. We carried out sowing at different speeds - 9, 10, and 12 km/h. Agronomists found no difference between the sprouts sowed at different speeds. We wanted to try sowing at 15 km/h, but our machinery operators were afraid to do so. Now when we see that good speed helps sowing, we can work at 15-16 km/h!

I think machine design is the key factor here. Opposed single discs rise and move soil between two narrow 15

cm wide rows. Broken soil is moved from the discs to press wheel, which levels and presses the soil down. Such displacement of soil doesn't compact the side wall and prevents stubble from jamming. We have seen the results, so the equipment made it clear by itself.”

The row-crop drill Tempo F8 by Vaderstad became the hit of the demonstrations in Penza oblast.

“Compared to the other drills, Tempo features an absolutely new seeding-down method. Farmers have already heard about its high-speed seeding,” said Artem Simbulatov, Executive Director of the Penza branch of AgroCentreLiski LLC. “However, some people do not believe that a row-crop drill is able to operate at 12-15 km/h or even 19-20 km/h without compromising the quality of sowing. We have quietly proven its capabilities in action.”

Ruslan Ayupov, Chief Engineer of Niva JSC, Penza oblast, says:

“At first, our attitude was sceptical, but later on we liked this eight-row Tempo drill very much. When

AgroCentre invited us to watch the machine in action, our doubts dissipated: they were ready to show us the machine in action, which means they were confident in its capabilities. Using this machine, they seeded over about 50 ha of sunflower where no spring treatment of soil was done, only shallow cultivation in the autumn.

The machine was operated at 15 km/h. Traditional row-crop drills could not even dream about reaching such a speed. Again we had our doubts about this ‘racing drill,’ but after we saw the even and uniform sprouts, we had to put all kidding aside. The seeding was done with sniper precision! We are very serious about buying this machine for our farm.

We also liked the Tempo settings and adjustments — everything is simple but smart. All settings can be done from the cab, and there's also an optional remote control of the drill operation. Deactivation of separate row units is one more useful function which helps to save seeds, in particular, in uneven fields.”

By Yulia SALKOVA





«We need good heads and smart machines,» says Victor Antipov, General Director of Artel CJSC

According to Antipov, there are three ways to go broke: spending time with women is the most pleasant; spending time in casinos is the fastest; whereas agriculture is the surest way to ruin. In 2002, the Antipov brothers, Victor and Sergey, set out on the third path. However, they not only avoided bankruptcy, but created a professional and viable seed-production enterprise. Today Artel CJSC is one of the leaders in field crop seed production in Russia.

High-quality marks

Their farm land is located in the Oboyanysky and Pristensky districts of Kursk oblast. There, on a surface area of more than 20,000 ha, they grow seeds of productive varieties of malting barley for SunInBev breweries and winter wheat. They also cultivate soy beans, peas, maize and flax.

The enterprise is home to the Oboyan state variety test plot, where they test new crop varieties produced by Russian and foreign plant breeders, including more than 60 varieties of wheat and 50 varieties of barley. Two years ago, together with Bayer, the enterprise launched the BayArena research project for testing various crop growing technologies and crop-protection agents.

On separate test plots, specialists of the enterprise run tests on winter wheat varieties from the Lukyanenko KNIISH (Krasnodar Lukyanenko Research and Development Institute of Agriculture) of Krasnodar Krai.

“Today winter wheat varieties from Krasnodar and the varieties developed by Bagrat Ismenovich Sandukhadze are among the best in terms of winter survival. Last year those varieties demonstrated the best overwintering results,” Antipov says.

Every year the enterprise brings to market more than 15 tonnes of quality seeds which they prepare in a seed producing plant with 10 t/h

capacity (wheat). The enterprise is equipped with up-to-date foreign machinery for seed cleaning, drying and treatment. Their modern storage facilities can hold over 120,000 tonnes of grain.

The in-house seed assessment laboratory controls the quality of seed grains. Seeds produced by Artel CJSC feature high sowing features and satisfy all quality standards.

A matter of technique

Today a 250 hectare plot is a ridiculously small piece of land for Victor Vasilyevich and his brother. However, 13 years ago they started their farm with only that much land. First, they sold grain. Then they decided to take up production and things really got started. It's worth mentioning that the brothers haven't any degree in agriculture. Victor graduated as a chemical engineer, and Sergey as a beekeeper. Nevertheless, they became pioneers in direct seeding using mineral fertiliser spreaders. In answer to our question on how they have come to this, Victor Antipov answered: “Poverty drove us to it!”

“We listed the pros and cons, and we decided that seeding by spreader is the more effective solution. We conducted tests and compared output yields. We discovered that seeding by drill and spreader give the same results. Today we have a drill. Nevertheless, 95% of wheat and barley seeding is performed by the spreaders. The seeding tool is not what matters, time does. In

the spring, we can go out in the fields earlier with our spreaders. This year, we nearly finished seeding by 1 April,” Victor Antipov explained.

Last year a Challenger RoGator 1300, 36 m self-propelled sprayer equipped with New Leader 4258 spreader came into the service yard of the enterprise, which already had 50 farm machines. This year one more pneumatic spreader was purchased, the AirMax 180. The self-propelled system, as they call it, performs three operations: spraying, spreading mineral fertilisers, and seeding. This unique machine was supplied by the Kursk branch of AgroCentreLiski.

“Previously we used centrifugal spreaders for seeding, and seeding quality was not always satisfactory, in particular, when it was windy. This year we seeded using the RoGator sprayer with AirMax spreader for the first

time. This machine distributes seeds smoothly over the field. We seeded 2,800 ha of barley, 500 ha of soy beans, 2,000 ha of flax and 100 ha of peas. RoGator covers 500 ha in one shift and provides perfectly continuous seeding. There are no rows, and moisture is better preserved. This is a very important factor in our case, since there has been no rain in our district for one month and half,” says Victor Antipov.

RoGator operates here 24 hours a day. Since the beginning of the season, the sprayer has completed three operations on 16,500 ha in total. Now the hard work of crop tending is going on. The sprayer did 1,750 motor-hours in a year. The specialists are satisfied with the high quality of the spraying and smooth distribution of fertilisers it provides. RoGator ensures the highest precision spraying among the competitors in its field. The difference in hydraulic





fluid pressure between the two spraying nozzles on the boom is 0.07 bars, which is outstanding for such equipment. Spray material is injected evenly. The durable steel boom is equipped with a stabilisation system for keeping the pre-set height even under difficult field conditions. AGCO Power, a low-consumption engine of the third generation equipped with a Common Rail fuel injection system, provides a good power margin. The sprayer starts up and gains required operating speed quickly.

The average operating speed of the self-propelled RoGator 1300 sprayer ranges from 20 to 30 km/h while spreading and spraying. Depending on conditions and fertiliser types, hydraulic fluid consumption varies from 100 to 300 l/ha. The Challenger RoGator sprayer features a flexible C-shaped frame. Along with the air suspension system, the frame provides good contact of all four wheels with the ground even in the heaviest field conditions.

“This sprayer is easy to control. For instance, one of our machinery operators got into the

machine for the first time and on the same shift completed 400 ha,” Victor Antipov tells us.

The sealed cab, three-stage air filtration system, ventilation, air conditioner, and wide field of view — everything provides optimal working conditions.

The RoGator 1300 has many smart functions, such as self-steering, hydraulic adjustment of track width, and automated switch-off of separate sections of the boom during spraying.

“This is a reliable machine. There were certain issues during the commissioning procedure which were resolved in timely manner. Thus, in general, we are satisfied. We think about purchasing one more RoGator 1300. To have more money, one should either spend less or earn more. Using this sprayer, we will earn more! For the moment, we need quality and timely maintenance and servicing, since machines which stay idle in fields are the most expensive. That is why I purchase machinery from vendors who provide good servicing. To be sure, AgroCentre stands tall in this regard,” Antipov says.

Seed-breeding in fields and beyond

According to Victor Antipov, equipment is not the only factor to achieve high performance in the fields. Personnel are even more important.

specialist than to be missing one. Staff members should work in normal mode and perform their duties in a professional manner, without overworking themselves. Nowadays they say that optimisation of human resources should not impact on the quality of work,” Victor Antipov concludes.

Over 250 employees work for the enterprise. All are young, 35-40 on average. Candidates are scrupulously selected. All the specialists have high professional qualifications.

“We adhere to high farming standards, thus we need smart machines and good heads. We select the best people in all spheres. There are three factors of success of any enterprise: ideas, manpower and money. Still, ideas and money are optional, whereas people are indispensable, since they can invent an idea and find some



“Often we tend to overestimate the importance of reducing staff. I think it is better to keep one extra

money as well!” Victor Antipov reasons.

By Anna BORDUNOVA



Find out about the similarities between a tractor and a Boeing!



The similarities become noticeable after installation of Trimble, a positioning system for precision farming. Trimble is an American company which has been developing navigation systems for about 40 years. Its solutions are used in geodesy, construction and the aviation industry. Because of outstanding signal quality and precision, Trimble tracking systems are installed on its aircraft by Boeing Corporation.

Trimble works well not only in the sky, but down on the ground as well. This system helps to cut expenses on fertilisers, fuel and seeds. AgroCentre offers various Trimble packages, from automatic steering systems to differential fertilising and seeding.

“One of the most important advantages of Trimble is its compatibility with agriculture machines of any brand. I would like to note that Trimble works with either GPS or GLONASS, besides using its own correction signals, all of which makes it very precise. Its range of capabilities is really wide, allowing any agricultural calculations based on actual data,” says Andrei Shtubov, product-manager of AgroCentreLiski LLC.

Trimble products make field work faster, more effective and precise. Depending on the target, the operator can select a suitable heading indicator (display) featuring a certain

‘train’ of functions.

EZ-GUIDE 250 heading indicator provides high quality and precision for field work considering the low cost of the system. It works well for crop production where sub-metre precision is enough. Colour display and several templates for moving around the field make the operator’s job easier. The night mode function enables 24 hours operation. After completion of the day’s work, the accumulated data can be saved to a USB flash-drive and transferred to a computer.

CFX-750 display is intended for parallel steering and precise farming operations. The built-in double-frequency receiver processes signals of any precision class (up to 2.5 cm) and supports the GLONASS system. It can be complemented with a steering correction device or Autopilot system.

The Field-IQ system is used for differential fertilising and

seeding, saving about 30% on average. The system controls sections of agricultural implements, regulates seed and fertiliser distribution rates, prevents overlapping, analyses seeding quality by such indicators as number of seeds per area unit, gaps, overlaps and distance between the sown seeds.

Operation reports can be transferred to a PC via the USB port or by using the Connected Farm function for wireless data transmission.

FmX multifunctional display combines features of the two systems described above plus several additional functions.

TrueGuide is the system for passive control of the implement. It controls tractor movement to make an implement follow rigorously the preset trajectory. The autopilot system is used for trajectory correction. No additional devices required.

TrueTracker system provides high precision control of

the implement, even on steep slopes and the most complicated soils.

WEEDSEEKER system is used for automated detection and spraying of weeds. This system helps to reduce costs for complete chemical weeding and save up to 80% of funds allocated for plant protection products, time and labour costs.

GREENSEEKER system provides fertilising based on data of herbage sensors. The system checks the amount of available nitrogen in the soil and automatically calculates and distributes the required amount of fertiliser.

FmX display can be used while harvesting for yield and moisture mapping. Installation of special updates is enough to enable this option. Data are stored in the FmX display memory and can be easily transferred to software for mapping and comparison operations.

By Yulia SALKOVA

[AGROCENTRE RECOMMENDS]

JCB is more than a handler

For more than eight years, AgroCentre has been supplying all models of JCB telescopic handlers to Russian agricultural producers. Those machines are recognised as indispensable farming aids worldwide for their performance, reliability and versatility.

The JCB Company (UK) has been producing telehandlers for more than 35 years. The company invests considerable money into production, makes research efforts and implements advanced engineering developments.

“Such global intelligent and financial investments pay off. JCB offers the widest range of handlers designed with farming specifics in mind. These machines are used all around, at livestock facilities, for loading-unloading, in poultry yards, at elevators, in storehouses, at agricultural premise construction sites, and even for snow removal or transporting calves,” says Sergey Lomantsov, Executive Director of AgroCentreLiski LLC.

Presently no other producer offers a wider line of handler models: 13 machines of the Agri series with 1.5-6 tonne handling capacity and 4-8

m lift height. Compared to competitors, JCB handlers are equipped with a more powerful air filtering system. All engines in basic configuration are equipped with turbo-supercharging. The powerful hydraulic system provides failure-free operation under the heaviest loads. Load control sensors are installed on each load-bearing and power unit of the machine. Data from the sensors are sent to the display inside the cab.

The JCB telehandler boom deserves special praise. It is made of a U-shaped tube covered with sheet steel without any welding at the point of critical stress. The JCB telehandler has no counterweight. Its stability is ensured by its design.

When the machine is moving, it is possible to switch between two-wheel or four-wheel power drive.

The 4WD switch-off function is included in the standard delivery kit. This function helps to reduce fuel consumption and slow down wear of tyres and transmission during transportation work.

Shifting between the different modes of handler movement (‘track by track,’ ‘transportation,’ ‘duck walk’) is automated and can be done ‘on-the-run’ by using the switch.

JCB telehandlers are equipped with the LiveLink system. This system helps farmers and dealers control worked motor-hours, fuel consumption and data on the handler usage. The system sends notifications about the operating condition of the machine and need for maintenance. All machine data are available via a website which can be accessed even by cell phone.

By Yulia SALKOVA

Hot offer from JCB Finance

The financing rate for the 500 series Loadall telescopic handlers has been lowered to 0%! The subsidised offer is valid until 30 June 2015. The down payment is 49% and the leasing period is 13 months.

JCB Finance guarantees favourable terms for machinery purchase. The programme offers flexible leasing terms for clients, including down payment from 15%, leasing period up to 60 months, attractive rates, prompt application processing (up to three days), an optimal set of required documents, and an individual payment schedule. JCB Finance covers the complete equipment line.





Harvest with excellent marks

The MF Activa combine harvester is a practical and efficient machine featuring high quality cleaning and low waste. This model is equipped with a high inertia cylinder and multipurpose concave. It can handle a wide range of crops, from small grains to sunflower and maize. Last season the MF Activa 7347 brought in 25,000 tonnes of grain in Rassvet LLC (Gorshechensky district, Kursk oblast).

"I have given 'excellent' marks to this combine harvester. It harvests neatly! Grain can be sent on for storage immediately, without processing. Different spaces between the wires provide a large separating area of the concave and high threshing

Since last year, AgroCentre has been supplying Massey Ferguson combine harvesters manufactured in Italy. This article is about how those Italians are doing in Russia.

quality. Long straw walkers easily separate grain from chaff. Due to high-capacity cleaning sieves, the grain and chaff mass effectively passes through the sieve pan, providing clean and quality grain output," says Sergey Samoilov, Chief Engineer of Rassvet LLC.

The MF Activa combine harvester is equipped with a Schumacher drive, which ensures good cutting even at high speeds, up to 1,200 strokes per minute. The

threshing drum with eight rasp bars and additional loads provides excellent threshing quality.

MF Activa machines are welcome at AGSEN LLC (Penza oblast) as well. Here, five harvesters of this type are currently being operated. This year they plan to purchase three Massey Ferguson combine harvesters (Beta models) from AgroCentre.

Compared to the competitors, MF Beta harvesters have more features to facilitate the

operator's work, including electric control of the sieves from the cab, a weigh cell for additional threshing, and the Auto-Guide automated steering system. An Agcommand telemetry system is included in the basic configuration as well. This system allows for on-line monitoring of machine operations. The grain tank of Beta harvesters with a capacity of 9,000 litres has one of the highest unloading speeds, 105 l/s. Beta combines are equipped with a Skyline cab, one of the most 'silent cabs' in the market. The large glazed area and comfortable steering and controls of the machine using a joystick facilitate the operator's work.

By Anna BORDUNOVA

Farm machine operators deserve the best!



Fendt tractors are widely known as premium class machines - and with good reason. These tractors could rival even Mercedes-Benz in comfort. Nevertheless, alongside comfort the tractors demonstrate outstanding pulling characteristics and exceptional economy.

“For fifteen years Fendt tractors have been dominant in European agricultural enterprises. This brand is very famous in Russia as well. But Russian agricultural producers were in the past discouraged by lack of not only prompt servicing, but lack of any servicing at all. The tractors were down for months waiting for delivery of spare parts from Europe. AgroCentre is an official dealer of AGCO Corporation, including the Fendt trademark. We guarantee quality and rapid servicing. All spare parts and components required for maintenance of these tractors are available at our storage facilities,” says Sergei Lomantsov, Executive Director of AgroCentreLiski LLC. AgroCentre supplies Fendt 900 Vario tractors in a wide power range: from 220 hp to 360 hp. Each tractor has a set of unique technologies for fuel consumption (on average - 15% less compared to other brands) and enhancement of tractive force. “Fendt 900 Vario tractors are equipped with the unique

CVT (continuously variable transmission) which converts a greater portion of engine power into tractive force. Traditional transmissions consist of over thirty gear wheels, while the Fendt 900 Vario uses only four pairs of gears. This transmission provides an infinitely variable speed range up to 60 km/h. The Fendt 900 Vario transmission ensures high efficiency during field and transportation operations,” Oleg Shchednov, manager of the sales department at AgroCentreLiski explains.

The six-cylinder engine with a common rail high-pressure injection system and a 7.8 litre capacity provides tremendous tractive force. The high injection pressure of 2,000 bars ensures fine fuel mixture atomisation and the high combustion capacity of the engine. Twin charging gives excellent action and, as a result, reduces fuel consumption. This efficient engine works at lower torque (down to 2,100 rpm), which also saves on fuel.

The VarioGrip system regulates

inner tyre pressure directly on-the-run, allowing you to set one pressure for field work and another for road driving. There is no need to define average pressure.

The Fendt 900 Vario comfort deserves high praise. No other manufacturer pays so much attention to the operator’s comfort and efficiency: a spacious cab with

excellent visibility, LED headlights with light beam correction, climate control, super comfort seats equipped with pneumatic suspension, belt support and dynamic shock absorber, plus a user-friendly control panel installed on the right armrest. And this is only a partial list of the tractor’s merits!

By Yulia SALKOVA

Aleksandr Stebnyuk, a private entrepreneur and head of a farming enterprise, says:

“Last November I purchased a Fendt 933 Vario Profi Plus tractor (330 hp) at AgroCentreLiski. This seeding season was the first one for this tractor. It ran 600 engine hours with a six-metre Rapid drill attached. This tractor is marvellous! It operated on over-moistened soil as if no 9-tonne drill was attached. The tractor showed itself off really well in maize seeding using the 16-row seeding system. I have no complaints!

According to the machine operator, seeding passed smoothly, in spite of the heavy workload. There was neither cab vibration nor reeling. The atmosphere inside the cab was cool and silent. The tractor ran over uneven fields as if on a European autobahn. No wonder! This tractor has more seat adjustments than my Mercedes-Benz!

I think as soon as an agricultural producer gets a chance to purchase a Fendt, he should do so! Certainly one can work hard even on a K-700 tractor, but good machine operators are few in the country. I think they deserve much more than a Mercedes-Benz. The Fendt is exactly what they need!”

Spring-cleaning 2015

Favourable terms on Michelin large-size combine harvester tyres of the MEGAXBIB and CEREXBIB models (featuring ULTRAFLEX technology)

- Special prices and supply terms and conditions
- Fixed prices
- Additional seasonal discounts



The offer is valid from 1 June to 31 July 2015

Contact the nearest dealership for tyre availability and supply terms

Enhanced working tools Väderstad Marathon

Marathon chisel advantages:

- up to 9 times longer service life compared to standard chisels
- saves time and money because of lower wear and tear and higher performance in the field
- keeps to proper working depth, approach angle and cultivation quality over the whole working width of the cultivator
- installation and fastening as for standard chisel
- durable chisel sharpness requires less power for soil penetration
- depth adjustments caused by wear and tear are not required
- lower costs on high-wear elements per ha

This offer covers the chisels below

Article	Description	Special price (EUR per piece, VAT inclusive)
498382	Chisel 50 mm Marathon	70.00
498383	Chisel 80 mm Marathon	87.00

Offer is valid from 1 June to 31 December 2015

The offers are valid at all AgroCentre branches

More details are at all servicing centres of the AgroCentre Group of Companies or at our site www.agrocentr.ru in the Special Offers section

Scan QR code to get to the Special Offers page

Announcements

10 July

AgroCentre's Field Day in Penza oblast

10-11 July

Ural Field Days 2015

22-24 July

5th Tyumen Special Exhibition of Agricultural Machinery and Equipment

22 August

Svenskaya Fair in Bryansk

July — August

AgroCentre's Open Doors Day in Penza



12+

AGROЦЕНТР

Publisher: AgroCentre Group of Companies

Editor-in-Chief: Ms. Svetlana Ivanovna Weber

Address of the editorial office:

79-a Radishchev Street, Kursk, 305004,

tel. +7 (4712) 39 26 60

news@agrocentr.ru

Signed for printing on 02.07.2015

Distributed free of charge

Translated by the Snegiri Translation Bureau

www.snegiri-tb.com, e-mail: snegiritb@gmail.com

Printed by VIP Publishing House LLC, 5 1st Mokovsky

lane, Kursk, 305007. The circulation of the

issue: 145 copies. Order № _____