



AGRITECHNICA 2011

The AGRITECHNICA is taking place from 13th to 19th November in Hanover. It is the largest exhibition worldwide for agricultural technology. This year 2,600 exhibitors from 48 countries are exhibiting their products over a surface area of 320,000 square metres. Amongst them there are 27 companies from the Oldenburger Münsterland.

AWILA Anlagenbau GmbH designs, plans and manufactures process-engineering individual components as well as complete systems and mixed feed plants for the agricultural field. A large number of applications in cereals storage, cereals drying, cereals conveying and grinding and mixing systems are constantly being dispatched from their production plants in Lastrup. In addition to the agricultural area the biogas sector has been continuously expanded and is extremely well-known in the biogas industry with the AWILA products for "acceptance processing". The AWILA Anlagenbau GmbH has expanded the Hammermühlen programme and closes the gap to the industrial mills with the newly developed ASM 245 and ASM 400 mills. The AWILA structure mill will be used particularly in the agricultural farms and fulfil the requirements of specific structure grinding. Further information can be obtained from: Werner Meyer, Heinrich Wübben, info@awila.de, 00 49 (0)4472 892-0, hall 06, stand E 36.

Trailers made by BAOS – a company which also has a plant in Beverbruch and has been exhibiting at Agritechnica since 2000. This year they are presenting a completely aluminium-welded cattle trailer for transporting four to five cows, produced at their Beverbruch plant. BAOS has now been constructing completely aluminium-welded trailers for mini-diggers and machine transporters for over 25 years. Furthermore, BAOS sets store by future-oriented and customer-specific individual solutions. BAOS trailers have an over-dimensional design and thus fulfil customers' wishes regarding toughness, safety and durability. Further information can be obtained from: Gerhard Rempe, 00 49 (0)171 774 1984, grempe@baos-anhaenger.de, hall 4, stand D04.

BD AgroRenewables of Calveslage is presenting the latest biogas technology and its wide range of offers. "We don't supply off-the-peg biogas systems", says BD AGRO Managing Director Uwe Heider. Whether it is agricultural small systems which are individually tailored to suit local circumstances or 5 MW industrial projects, whether NawaRo or waste systems, fermentation residual separation or drying: as a partner of agriculture and industry BD AGRO provides the key to new possibilities of biogas as an energy source of the future. Here the constructor of biogas systems co-operates with experienced and very efficient partners from the Big Dutchman group. Embedded in the corporate structure of a leading global player, BD AGRO thus gives its customers security on a long-term basis. Further information can be obtained from: Andreas Böske, 00 49 (0)4447 801-118, aboeske@bigdutchman.de, hall 20, stand 20/B 03.

Ludwig Bergmann GmbH Maschinenfabrik of Goldenstedt is a first-time exhibitor at AGRITECHNICA and is presenting a large number of innovations and product enhancements. The TSW 6240 universal spreader vehicle, equipped with the intelligent chassis technology "smartCHASSIS" can be viewed as an exhibition innovation. This new development by BERGMANN has been awarded the DLG silver medal. smartCHASSIS is a mechatronic carrier platform for different superstructures and applications of fixed drawbar trailers with many customer uses. Roll stabilisation, traction management, tilt compensation, level regulation, lifting axle and cradle function can be integrated in modular construction if desired. A further exhibition innovation is the M 2120 manure spreader, a completely new high-performance vehicle with single axle or tandem alternatives, total weight permitted: 8-12 t. The drawbar suspension is – even in the case of an overrun brake - produced in series, the conical pure steel tub is self-supporting, the customer has a choice of numerous DLG-tested spreader mechanisms. Another an exhibition innovation is the CAREX tandem loading truck. The following equipment of the newly designed multi-vehicle with a modern design has convincing appeal: sunken transport floor, rotor with weld on tines, up to 39 m³ load capacity, total weight permitted 24t by means of series-produced hitch at bottom. Further information can be obtained from: Daniela Hense, 00 49 (0)4444 200847, hense@l-bergmann.de, hall 27, stand C 26.

The Bruns Landmaschinen group was established in 1948 by company founder August Bruns in Cloppenburg and has developed into one of the largest agricultural machinery groups in Germany. At present the company has over 150 employees and more than 50 trainees at a total of nine locations from the Dutch border in Haren to the border with Poland at a place called Klein Bünzow. The Bruns Group of Companies has exclusive distribution rights for the manufacturer of NewHolland agricultural technology and the world market leader KUHN in the green field and soil processing programme in large parts of the states of Lower Saxony, Sachsen-Anhalt and Mecklenburg-Vorpommern. A huge selection of over 200 used tractors, more than 50 combine harvesters and a total of over 800 used machines is constantly in stock (Information on used machines is available form: Maik Winter, 00 49 (0)4471 189-15, winter.maik@abc-bruns.de – Eisenbahnstr. 12, 49661 Cloppenburg, www.abc-bruns.de). At its Lindern location BRUNS produces and distributes a variety of products: the cutterbar trolley for

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transporting attachments 1-axle to 7.6 metres and 2-axle (new) up to 12.5 metres for all brands of combine harvester. In the field of manure technology single-axle vehicles from 8,000 litres up to three-axle vehicles with 28,000 litres are manufactured. The band spreader programme for distributing lime and fertilisers comprises single-axle vehicles (max. 12,000 litres) to two-axle vehicles (max. 18,000 litres). The MBA 14.000 type large area spreader will be presented at Agritechnika 2011. The loading capacity of the machine is 14,000 litres and can be increased to 18,000 litres by the addition of an upper part. It is the largest band spreader on the German market within the two-axle vehicle sector. This is a future-oriented extension of the previous product range. The fertiliser or granulated lime is spread by a twin-disc spreader with working widths of up to 36 metres or as pulverised lime with a screw-conveyor with working widths of up to 12 metres. Further information can be obtained from: Maschinenfabrik BRUNS: Ludger Bohmann, 00 49 (0)5957 9678-0, bohmann.ludger@bruns-maschinenfabrik.de, www.brunsmaschinenfabrik.de. hall 7, stand A32.

biogas weser-ems GmbH & Co. KG of Friesoythe is a leading company in the field of biogas technology and was founded in 2000. The company plans and builds turnkey biogas systems for industry and agriculture and has had many years of experience in the planning and building of more than 280 systems. biogas weser-ems also has its own companies located in foreign markets in Italy, Spain and Poland. biogas weser-ems GmbH & Co. KG's range of services includes planning and project development, construction and assembly as well as service and maintenance. Furthermore, the company offers innovative technologies for processing biogas and optimised heat utilisation concepts. Further information can be obtained from: 00 49 (0)4491 938000, www.biogas-weser-ems.de, hall 20, stand 20-B27.

DTB - Deutsche Biogas AG generates and distributes electricity and heat from biogas systems and plans projects as well as constructing and operating these systems. This company, headquartered in Friesoythe near Oldenburg, is a leading supplier and has an integrated business model, ranging from designing projects and building systems to systems management, including the procurement of materials to be used, to running its own system. DTB - Deutsche Biogas AG achieved a turnover of around 2 million euros in the 2010/2011 business year and employs approximately 55 staff. It has gained extensive know-how over the years in the fields of planning, construction and operation of biogas systems. In addition, it considers itself to be a full service provider and offers comprehensive technical service and, if required, commercial management. The biogas systems are looked after professionally with regard to biological processes in order to ensure they are used to full capacity and thus efficiently. Since 3 December 2010 the company has been quoted in the Entry Standard of the Frankfurt Stock Exchange. Further information can be obtained from: André Nonnenkamp, 00 49 (0)4491 9395955, andre.nonnenkamp@deutsche-biogas.de. hall 20, stand A29.

eeMaxx Energy Systems GmbH headquartered in Garrel is specialised in project planning, construction and operation of production systems for renewable energies, particularly biogas. The primary goal of eeMaxx GmbH, and the company's great strength, is close and professional co-operation with the farmers and agricultural holdings. This generally means that cooperation models, so-called operator concepts, for the partner-like operation of a biogas system are put into practice. Within this scope eeMaxx GmbH functions as a project planning and administration company and ensures the financing of the biogas systems which are to be constructed. eeMaxx Anlagen- und Betriebs GmbH & Co. KG takes over the management of the respective subsidiaries, which are operated in the form of a "Betreiber-GmbH & Co. KG", during the construction phase of the systems and, in particular, thereafter. The operating companies take over the operative management of the systems as a closed unit. The capital necessary for the investment is made available by eeMaxx GmbH in the form of an interest-bearing loan. eeMaxx GmbH is always interested in finding suitable locations at which a biogas system can be constructed with the farmer as partner and operator. Further information can be obtained from: Stefan Frerichs, 00 49 (0)4474 939300, stefan.frerichs@eemaxx.de, hall 20, stand B12.

EnviTec Biogas AG covers the complete added value chain for the manufacture of biogas: This includes planning and the turnkey construction of biogas systems and also putting them into operation. This company from Lower Saxony looks after the biological and technical service and additionally offers complete management of the system, including the operational management. EnviTec supplied the most important system components for the largest system in the world for the production of biogas with the quality of natural gas having a thermal connected load of 55 mW in Güstrow in Mecklenburg-Vorpommern. In addition, EnviTec also operates its own biogas systems. The company is represented in 15 European countries and also in India. In 2010 EnviTec achieved a turnover of 148 million euros and an EBIT of 1 million euros. The EnviTec group currently employs a total of 435 staff. Since July 2007 EnviTec has been quoted on the Prime Standard stock exchange segment of the Frankfurt Stock Exchange. Further information can be obtained from: Katrin Selzer, 00 49 (0)2574 888810, katrin.selzer@envitec-biogas.de, hall 20, stand B11.

Grimme Landmaschinenfabrik (Damme) is presenting new products from all areas of potato and turnip technology over an area of 1,375 square metres. The company's many highlights include the new VARITRON 470 four-row self-driving potato harvester with 7 tons of bunker and 490 PS Mercedes-Benz engine as well as various new products from laying and storage technology. In turnip technology Grimme is presenting the MAXTRON 620 self-driving turnip harvester with a 22-ton bunker which has been extensively modernised. Grimme, which has won three DLG silver medals, is one of the most innovative manufacturers of agricultural technology and as such underlines its position as market leader in the potato and sugar beet technology sector. For the first time the extensive operating, assistance and data systems are being presented under the new brand Grimme i-systems. As well as Grimme Landmaschinenfabrik, the products and services of the subsidiaries of Spudnik (North American potato technology), RICON (sales company for spare parts) und Internorm (technical articles made of polyurethane) will be presented at the Agritechnika in hall 2. Further information can be obtained from: Jürgen Feld, 00 49 (0)5491 666-616, j.feld@grimme.de, hall 02, stand C32.

Kessens Technik mit System of Lastrup plans, delivers and constructs systems in the agricultural and industrial sectors. This company works out customer-specific solutions for cereals technology, grinding and mixing technology as well as in the field of stable technology. Its in-company design department develops and plans solutions for the areas mentioned. One of the innovations presented by Kessens at this year's Agritechnika is the KHM hammer mill with up to 30% less energy consumption. Further information can be obtained from: Franz-Josef Kessens, 00 49 (0)4472 940090, kessens@kessens-technik.de, hall 6, stand F15.

Knies of Bösel has been manufacturing agricultural tipping trailers for over 40 years. At Agritechnika the focus is on the user-friendly handling of the KD 180 type two-axle, three-sided tipping trailer. Interplay between the portal wall at the side and the newly developed central stanchion including tilt function make it possible to release the complete side front extremely quickly. Knies is also presenting the Stalowa 200 type tandem-three-sided tipping trailer. The latter is equipped with a tarpaulin and hydraulic rear wall. The rear wall can be opened when the tarpaulin is closed. Further information can be obtained from: 00 49 (0)4494 636, info@knies-bremen.de. hall 4, stand C06.

Kröger-agroliner of Rechterfeld is presenting several innovations: A 2-winged, automatically controlled loading space covering system which fits the agroliner dump truck is to be presented at Agritechnica. Both covering flaps are moved via a highly efficient, hydraulic chain drive which ensures optimum contact pressure. The agroliner retractable floor articulated trailer will also be presented: in only two minutes the system unloads a quantity of 60 cubic metres. The trailer has a special retractable floor which combines the advantages of a scraper floor with the characteristics of a conveyor belt: no residue, no slipping through. The unloading system is suitable for nearly all agricultural goods. The robust planetary drive guarantees safe and fast unloading where other equipment could involve blockages. Its own weight is low and the construction method is robust. Initially only the tandem option with 35 cubic metres loading capacity will be on offer at the official start of sales at Agritechnica 2011. A tridem solution will follow in 2013. In addition to new solutions for efficient transport the tried and tested vehicles of the agroliner brand will be shown, including the very successful product, the 18 t three-sided tipper. The demand for the dump truck and the hook lift trailer is also growing and these vehicles will also be on show. Further information can be obtained from: Peter Kröger, 00 49 (0)4445 9636-0, p.kroeger@agroliner.de, hall 4, stand B36.

The forwarder Lampe Spezialtransporte GmbH & Co. KG (Dinklage-Wulfenau) will provide information about transporting agricultural machinery all over the world. This company is specialised in transporting large agricultural machines (harvesters, chaff cutters, land clearing machines, presses, spraying machines). Agricultural machinery dealers and manufacturers constitute the main customers. At the exhibition the company will also be interested in expanding its overseas transport services and nurturing personal contact to existing customers and acquiring new customers. A full service for transport overseas, which also comprises shipping by container and dealing with the customs formalities, is available. The overseas market is a future market for Lampe. Furthermore, a full service for specialised transport (approval, accompaniment BF2 and BF3, route checking) is offered. The transport routes lead not only to Western Europe but also to South East Europe, America and to many parts of Asia. The company offers complete transport solutions from the "small farmer" to the large manufacturers of agricultural machinery. Today Lampe has 20 lorries, consisting of 12 low loaders for specialised transport and 8 plateau-flat trailer articulated vehicles. Since friendliness to the environment plays an important role at Lampe, the complete fleet is equipped with the Euro 5 norm and the technology is state-of-the-art. The loads can be localised at all times by means of the telematics system with which every vehicle is equipped. Further information can be obtained from: Paul Strasser, 00 49 (0)4443 50566-0, info@lampe-transporte.de, hall 05, stand E32.

Leewes & Ludmann of Essen/Oldb. is presenting its new silo trailers by Güven at the exhibition. In addition, a tank trailer and a dolly axle, a short trailer with 1, 2 or even 3 axles, will be presented. This trailer is equipped with an adjustable fifth wheel for taking up an articulated trailer (lorry trailer). Thus tank trailers or tipping trailers can also be pulled by tractors and in this way suddenly become off-road. Their contractual partner Güven builds the new generation of manure trailers with a capacity of approx. 30,000 litres. The tank is made of Domex fine grain steel which gives it a low own weight of around 5900 kg, depending on the model. Further characteristics are, for example, BPW or SAF axles, air suspension, Wabco braking system, ABS/EBS, interior of tank provided with special coating, two sound walls in the tank and Vogelsang eccentric rotor pump (VX186-184Q). Further information can be obtained from: 00 49 (0)5434 923490, info@leewes.de, hall 17, stand D 48.

The agricultural machinery manufacturer Meyer-Lohne GmbH of Lohne will be presenting several innovations: These include the four-axled manure spreading vehicles up to 30,000 litres capacity for use in a transport chain with lorries or tractor-type vehicles. These quattro manure vehicles have air suspension in series production. All axles have electronic compulsory steering. Meyer has now developed the cargo tank trailer for transport between farm and field in the sizes 26,000 to 28,000 litres. It is designed for 33 t permissible total weight up to 60 km/h and its distinguishing feature is a favourable price-performance ratio with low own weight. The newly developed screw displacement pump 1S170 with a delivery rate of 11,700 litres/min. meets the highest demands on power, operational life span and efficiency. Existing 1S150 displacement pumps can be modified later to the new version without any problems. Because of foreign substances in the manure displacement pumps can be used with the pre-switched MEYLO-Turbo-CUT 5000LS. In order to compensate for the reduction in cutter performance, suction accelerators are increasingly being pre-switched. Cutter and suction accelerators need two oil engines with at least 130 litres oil performance. Many small and old tractors don't have such efficient hydraulics. With the combined new development of the Meylo-Turbo-Cutter in one casing with integrated suction accelerator both work devices are driven by one oil engine with an oil performance of 90 litres at the most. As the first manufacturer of manure vehicles Meyer-Lohne offers an Ecotronic EBS braking system with integrated ABS and sway/pitch compensation on request. The advantage for the user is the highest possible level of driving safety and comfort. In view of rising mineral oil fertiliser prices and environmental requirements Meyer-Lohne GmbH is presenting the strip-till manure application technology: Energy costs are saved by working the soil and fertilising with manure in one working step. With strip-till manure injection the manure is used efficiently and in an environmentally-friendly way, thus saving expensive mineral oil fertiliser. Further information can be obtained from: info@meyer-lohne.de, hall 17, stand C35.

MMT Supergas GmbH (Sedelsberg) is specialised in the manufacture of gas demoisturising systems in the sector of biogas systems. The company has a standard range of products covering the normal area of use in biogas systems. In addition, in accordance with customers' wishes it manufactures special devices for special purposes such as, for example, transport of the gas over long distances. Active carbon filters for the de-sulphurisation of biogas are also offered. MMT Supergas GmbH will exhibit a selection of its products at the exhibition. Further information can be obtained from: Timo Martinez, 00 49 (0)4492 915818, info@mmt-supergas.de, hall 20, stand E16.

Rebo Landmaschinen GmbH (Visbek) is presenting an agricultural machine which unites the advantages of a John Deere tractor with those of an equipment carrier as one of its innovations. The vehicle offers exceptionally free vision for front loading and cutting tasks, a cutting side arm for water management which is eight metres long and can be swivelled 270 degrees, a cutting combination for road management and a loading platform which can be tilted hydraulically. The highlight is the 2000-litre liquids tank which is of universal use. The stable multifunction take-up with fast change system unites all components with the stable heavy-duty steel frame and makes the Reborack so flexible. The latter can, of course, also be used as a normal field tractor, as before. Further information can be obtained from: 00 49 (0)4445 9621-0, mail@rebo.de, www.reborack.de, hall 13, stand E27.

For almost 30 years SEVA ENERGIE AG has focussed on the area of regenerative energies and thus assumes responsibility for coming generations. Throughout this long stretch of time customers from agriculture, industry and public bodies have placed their trust in the products of this company from the Oldenburger Münsterland. SEVA Energie AG develops and produces very modern block heat power plant modules and executes services in the area of biogas and other types of gases right up to complete system construction. Its products are block heat power plants in the performance classes 50 to 4,000 kilowatts. In addition, the company offers products for gas purification, include gas transport and efficiency-raising solutions for organic rankine cycle (ORC), for cold generation (absorption cold systems) and steam generation

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as a complete system in connection with a BHKW system. SEVA Energie AG can offer the customer flexible maintenance models on request. Further information can be obtained from: SEVA Energie AG, 00 49 (0)4473 9281-0, info@seva.de, hall 20, stand B18.

Stadiko of Dinklage is presenting its products as a manufacturer of top-quality mobile and stationary professional high-pressure cleaners and, as a service provider, is giving information on all topics in the field of stable hygiene. Stadiko invites you once again to take part in a draw. The main prize is an extremely convincing mobile high-pressure cleaner of the HDVAR series with a working and rinsing performance. Further information can be obtained from: 00 49 (0)4443 979910, info@stadiko.de, hall 07, stand C02.

The Spitzer group of companies will supply information about manure and animal feed vehicles at Agritechnica. It is a tradition at Spitzer that products are manufactured in top quality. Udo Spitzer, company member and Managing Director also sees this as the basis for corporate development: "We have always been in direct contact with the sector and have been able to grow according to the constantly rising requirements. This background gives us the strength to offer the market new products on a consistent basis which make possible more economical and more efficient transport for the players in the market." Udo Spitzer thus sees his company well set up for the future and will also take over the role of the technology leader in the sector of silo vehicles. The service network which extends all over Europe is a further, essential performance feature of the Spitzer group. It supports the customers in their daily work. And, in the case of a breakdown, an efficient repair centre which is linked up with an extensively stocked spare parts store is available in all Spitzer plants. A well-organised service area and the stocks of spare parts guarantee that every customer gets help without delay. Further information can be obtained from: Elisabeth Gänsler, 00 49 (0)4471 18606 -0, elisabeth.gaensler@spitzer-silo.com, hall 17, stand D29.

Erich Stallkamp ESTA GmbH presents the latest technology with its ATEX-certified submersible motor agitator. The submersible motor agitators are designed by ATEX 95 for operation in the EX range of zones 1 and 2. Furthermore, they have a new face seal which is highly resistant against wear and tear with a wolfram carbide coating as all current agitators from Erich Stallkamp ESTA GmbH. This coating extends the maintenance intervals of the submersible motor agitators. Further information can be obtained from: 00 49 (0)4443 9666-0, info@stallkamp.de, hall 21, stand G29.

With XTill Hugo Vogelsang Maschinenbau GmbH is presenting a first model which combines strip till technology with manure root fertilisation. With this Vogelsang is worldwide one of the first companies to offer a ready-to-market device which works the soil in strips in one step and at the same time brings in manure and fermentation residue. The XTill S model makes it possible to place the supply of nutrients precisely in the soil. Thus the potential of manure and fermentation residue as a nutrient source can best be exploited. In addition, mineral fertilisers can be saved in this way. Since the manure is distributed as a root nutrient band the smell for neighbours can be reduced to a minimum. A further new product is the robust farmer pump, which has been specially developed for agricultural applications. The pump is equipped with numerous new features such as face seal, circulation lubrication and a revolving central plate. In this way Vogelsang ensures easier service and maintenance and an increase in the operational life span, since the pump remains even more robust against the fibre material contained in the manure. Vogelsang will also provide information on the electrokinetic disintegration process and the advantages of the bioCrack-Systems. It has been proven that BioCrack increases the efficiency of a biogas system by increasing the gas exploitation and reducing the requirement for its own energy. Further information can be obtained from: Holger Eggert, eggert@vogelsang-gmbh.com, 00 49 (0)5434 830, hall 17, stand C42, and hall 20, stand 20A30 (biogas area).

WELTEC BIOPOWER GmbH from Vechta delivers supplies full biogas systems from which it manufactures completely and thus it has developed into a leading supplier of biogas systems. The strength of this medium-sized company is individual solutions – from the compact system, computer-controlled large systems in the megawatt range, rubbish utilisation systems to biogas parks with gas processing technology. The systems are constructed in modular form: at WELTEC BIOPOWER only tried and tested system components are used and the company develops a large part of the technologies along the complete added value chain itself: fermenter technology, agitating technology, steering technology, purification systems and solutions for the processing of the fermentation residue come from the company. WELTEC constructs fermenters from stainless steel, because the sulphur hydroxide and ammoniac contained in biogas attacks unprotected components. This ensures that the system has a long operational life. In addition the vertical integration guarantees that there is a constantly high standard irrespective of location and ensures an export quota which is significantly above the average for the sector. Further information can be obtained from: Thomas Wilkens, 00 49 (0)4441 999 78-220, T.Wilkens@weltec-biopower.de, hall 20, stand A11.



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