

The Grimme Group





Harvesting Success Together

Grimme has served farmers since 1861. As a familyowned company we have our own corporate culture and values that we live by everyday. Values like earthiness, reliability, trust and loyalty have been with us for over 150 years, and it is these to which we owe our success. It is our entrepreneurial ambition to offer our customers all around the world the most innovative and cost-effective products in the fields of potato, beet and vegetable technology.

By providing a high level of service, one that is both customer and solution orientated we further guarantee the success of our customers, and this is supported by our fast supply of original spare parts worldwide. Our aim is to work together with both our customers and business partners in an open, honest and authentic way.

"We" - that is the entire Grimme team with more than 2200 motivated, loyal and competent employees worldwide. These people form the basis for the general company philosophy to "Harvest Success". Now and in the future the Grimme family and its name stands for long-established company culture, economic solutions and trend-setting innovations. These values made our success. The course is set to continue this success into the future.

Franz u. Christine Prince mit Christoph u. Philipp



History Grimme group Team Development Production Logistics Service Original Parts Premium Partner Products

Innovation from tradition: over 150 years.

With new idea's, continuous product development and high quality work, Grimme has developed from a small forge, to a global leader in potato, sugar beet and vegetable technology in the world market today.

Milestones in the company history.





Franz Carl Heinrich Grimme established a forge at the age of 26.

Expansion of the familv business up to a company with the production of agricultural machinery, its own repair shop and a store for ironmongery

1996/1997



2010

Presentation of the first digitallycontrolled potato harvester SE 75-30.

Completion of the

new administrative

building and exten-

sive reconstruction

of the factory

canteen.

planning system (ERP-System). 2012



Introduction of 3D-

enterprise resource

CAD and a new

Completion of the new factories for self-propelled equipment and for web and conveying equipment at the "Niedersachsenpark" Rieste/Germany.



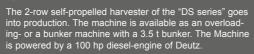
Launch of the Grimme MAXTRON 620, six-row self-propelled beet harvester, with 22 t bunker and a Mercedes-Benz engine of 490 HP.



1966

1974

dard". In total







Development of Planting and cultivating technology as well as storing and ventilating technology. Grimmes expands its product range and advances to a specialist in potato production.



Grimme becomes market leader in Germany with the 1-row potato harvester called "Europa Standard". In tol more than 13500 machines are built and sold. The first product of Grimme in serial production: The windrower called "Unerreicht", ("Windrowing Basket") was produced 1500

1936

times each year.

1956



The potato harvester called "universal" goes into full production, 47 machines are produced in the first year.

2000



Opening of the new training- and exhibition-center TECHNICOM.

2012



Take-over of the company Kleine in Salzkotten/ Germany.

1980



Senior hands over the management of the enterprise to his son Franz Grimme Junior, who is a mechanical engineer.

2004



The first Grimme Technica Show takes place on the factory plant in Damme

2012



Development of new machinery for preparation and storage of energy beets used in biogas production.

1985



Grimme becomes market leader for two row potato harvesters with the DR 1500-Series.

2008

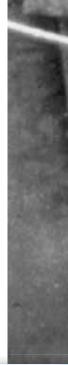


Opening of a modern, fully automatic parts and logistic center in Damme.

2013



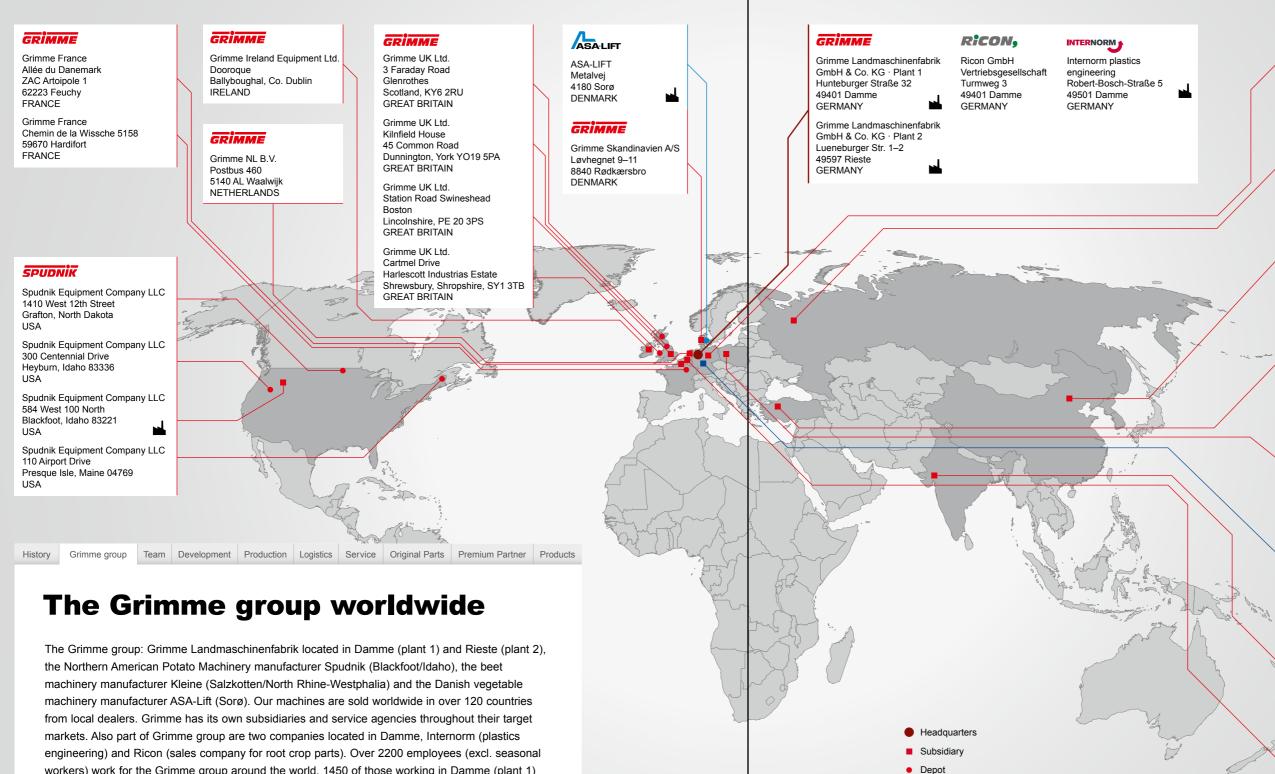
Founding of own Grimme branches for sales and service in Belgium and Turkey.







2013 Together with ASA-LIFT, Grimme offer a complete range of Vegetable Harvesting technologies.



workers) work for the Grimme group around the world, 1450 of those working in Damme (plant 1) and in Rieste (plant 2).



China in use in China



I ehanon A powerful 7-headed team, efficiently work at the picking web of a potato harvester



Extreme performance in extreme conditions: the beet harvester MAXTRON 620, harvesting in Russia.



Production site

Individual consulting More than 150 various machine types, with up to 200 options each, require an enormous expertise of our sales representants in order to find the best solution for the customers needs.

Exchange of experiences Intensive dialogue with our customers all over the world forms the basis for our practical solutions.



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Machines at work On-field demonstrations are an excellent opportunity to present our innovative potato and beet technology to the farmers in a "live-show".



Grimme Landmaschinenfabrik

Production in Damme (Plant 1) and Rieste (Plant 2) delivers machinery and support to over 120 countries spread over five continents. All our know-how is used to give our customer the best experience possible, from the initial machine design to support our products with aftersales logistics. Due to a high level of company integration and excellent Spare Parts availability, we are able to react to changing customer requirements in a very flexible and efficient manner.

Grimme Landmaschinenfabrik:

- 1450 employees at Damme and Rieste
- More than 120 apprentices in 14 career training programs
- Total site area of 150000 m² in Damme (60000 m² under roof)
- Total site area of 230000 m² in Rieste (20000 m² under roof)
- Rieste lead to an expansion of the production capacities of web and conveying equipment
- · Most comprehensive product program in the potato,
- A unique get-together: our Grimme Technica,
- which takes places every second year



Plant 2 in Niedersachsenpark (Rieste/Germany) Grimme UK The new production plant for harvest technology (1) Founded in 1993 – the Grimme sales and service subsidiary at Boston (Swineshead/Great Britain) has around 90 employees today. and the new plant for web and conveying equip-ment (2) at Rieste (Germany), located in the industrial area of "Niedersachsenpark", 10 km away from the headquarter in Damme.







Grimme France The sales and service subsidiary was founded in 2003 in Belgium and moved to the city of Arras (France) in 2006. Today Grimme France has about 35 employees

Grimme Scandinavia

The Danish sales and service subsidiary was founded in 2008 and employs about 32 people

The construction of a new 10000 m² production plant at

- beet and vegetable fields, worldwide

Grimme Sales and service companies:

Grimme UK, Grimme France, Grimme RUS, Grimme China, Grimme Skandinavien, Grimme Polska, Grimme NL, Grimme Vertriebsgesellschaft Deutschland - Betriebsstätte Uelzen. Grimme Ireland, Grimme Türkei, Grimme Belgien, Grimme India

Further Grimme factory representatives for the following countries: Czech Republic, Austria, Belarus, Kazakhstan

Grimme – always there

We want to provide the best support to our customers all over the world. Therefore Grimme is present in all major production areas for potatoes, beets and vegetables. Using company owned sales and service organizations, we provide a fast full-service to the growers and our local Grimme Premium partners.

> We guarantee competent service by trained, gualified dealer and subsidiary personnel throughout 120 countries worldwide.

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Grimme China

The sales and service subsidiary is based in Beijing (China), it was founded in 2010 and has 40 employees. In addition to sales and service Grimme China also has a facility for the assembly of machinery.







After extensive building activities, Spudnik today counts among the most up-to-date manufacturers for potato technology world-wide.



The entire machine is designed and constructed with 3D CAD technology.



The Spudnik machines are characterised by a high degree of sturdiness, intuitive operation and high output.



In cooperation with the employees at Grimme Landmaschinenfabrik, processes were optimised and production was modernised.

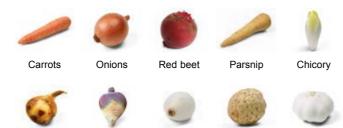
Sheet metal is cut by our own lasers and curved by a bender.

The precise manufacturing of all parts ensures a high quality and accuracy



ASA-LIFT

In order to consolidate its range in vegetable technology, the Grimme Group has taken over the majority share of the Danish company ASA-LIFT (located at Sorø/Denmark) in 2013, an enterprise with a long tradition that counts among the largest manufacturers in this sector. For more than 75 years ASA-LIFT is a well known manufacturer of innovative harvesters build for various vegetables as onions, red beet, carrots, peas, chives and several more.



Flower bulbs Silver onions Turnips



A company which enjoys a long tradition 1936 Foundation of the company 1957 Development of the first single-row potato harvester 1969 Development of the first hydraulically driven harvester - worldwide 1971 Development of the first top lifter 1975 Development of the first self-propelled harvester 2013 Majority holding by the Grimme Group www.asa-lift.com



Location More than 80 people are employed at Sorø (Denmark), which is located about 80 km west of Copenhagen.



Project meeting Development Issues such as farming methods, season effect, soil types, flexibility and capacity of machines and procedures are discussed with the professional growers. Development of specific solutions which meet exactly the requirements of our customers.



Celery

Garlic





All machines are completely designed, manufactured and tested in Sorø. ASA-LIFT Original Spare Parts are widely available throughout a network of dealers and subsidiaries worldwide.

Logistics



In May 2013 all employees of ASA-LIFT visited the headquarters of the Grimme Landmaschinenfabrik at Damme (Germany).





Shows International fairs are an ideal platform to discuss the demands with professional growers around the world.









Facility for plastic injection moulding By means of automatic facilities for plastic injection moulding, different articles can be produced with high accuracy.



Production of rollers The rotating-casting-plant enables a fast and economic coating of rollers with PUR – up to a diameter of 1.5 m.



Moulding and casting technology Moulding and casting of molded products (made of polyurethane, PUR) is done at high level quality.



Internorm-worldwide The company exports products to all countries, that are indicated red. Main focus (app. 70% of the whole production) is given to agriculture and agricultural technology.



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The material Polyurethane (PUR) is also used to produce brake-chocks for the aviation industrie.

Shows International fairs are a good opportunity to discuss the benefits of polyurethane as material for tough products.



We are Grimme

"We" - that is the entire Grimme team with more than 2200 motivated, loyal and competent employees worldwide. They are the foundation of our positive working atmosphere. In 2015 the Grimme group has formed an advisory board. Main task of this board is to guide and to advise the company in strategic questions at the step of generation transition.

The Grimme family

- Over 2200 employees worldwide identify with the medium sized company that remains in family ownership
- · Friendly working atmosphere, flat hierarchies
- · Promotion of each individual according to his individual abilities
- Numerous jubilees for 25, 30 or even 40 years of company affiliation Annual company parties, a family day, reunion of former employees
- and a strong commitment for the region improve the "company-feeling" and integrity.



The board of directors new advisory board (left to right): Carsten Seelke, Richard Weiß, Henning Paulsen, Jens Walter, Franz Grimme, Franz-Bernd Kruthaup, Philip von dem Bussche, Roland Kratz, Dr. Eduard Möhlmann and Felix Lingens.

Investing into the future

The Grimme group focuses on the next generation - investing in their future. The company trains over 124 young people in various technical and commercial professions:

Job training (male/female):

- Industrial mechanic
- Mechatronics engineer · Mechatronics engineer for
- agricultural and construction machinery technology
- Management assistant in
- warehousing and logistics
- Machine operator
- Industrial manager
- Computer scientist
- Technical product designer

Dual education (male/female):

- Bachelor of Engineering
- Bachelor of Arts & IT
- Bachelor of Engineering electrical engineering
- Bachelor of Engineering mechatronics
- Bachelor of Engineering machine production
- Bachelor of Engineering machinery construction



Professional trainings Regular, practical training courses, given by internal or external trainers, ensure a high expertise of our staff.



The Grimme-community The great loyalty of our staff, its remarkable team-spirit and the special expertise are the motor for improvement, quality and breaking innovations.



Transparency All employees are kept informed by regular team- and company-meetings in order to make decision-making transparent.



Job training The deep, value-based and competent training of young people is very important for us. We promote each individual trainee.

Modern, personal working places: Grimme employees are proud to be member of one big community. Cross-departmental teamwork is part of the professional life and promotes a good internal network. Common activities improve the positive working environment.



Social Commitment

All trainees spend three weeks in a social institution for disabled people, called Andreaswerk (Vechta, Germany) – this leads to an improved understanding of fellowmen







Innovation that pays off in practical use

New products need to have a permanent benefit. Our development teams are constantly working on any idea until it is launched to the market. The whole process is influenced by both, the practical experience and the demand of the growers. This is the main reason to be able to offer innovative and detailed solutions for each market.

Research and development

- The intensive coorperation of our engineers with scientific- and practical- experts lead to optimum technical solutions
- Product-development is based on practical experience and farmers requirements
- 3D-CAD-Software for an efficient design of machines
- Simulation of function and load during the whole process of development
- Use and development of modern electrical/
- electronical components and software
 Special engineering for field trials
- Special engineering for field trials and prototyping



Exchange of experiences Success is spreading. Every second year we invite our customers and partners to join the Grimme Technica for an intensive exchange of experience.

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Construction

The product is always customized for the specific market: Using most modern technology, the design and function can be visualized in all its details.



Department of Simulation Get there faster with the right technology. Thanks to the use of latest software our employees are able to simulate each step on a virtual model of the machine.



International exchange of competence

- Participation at global agricultural fairs
- Worldwide on-field demonstrations in cooperation with our Grimme Premium Partners

• The Grimme Technica at Damme (Germany) takes place every second year since 2004 – it is), it is an event for growers from all over the world for intensive exchange of experiences

POTATOEUR@PE

SIMA

- Grimme Technica in France
- Open House at Spudnik in Blackfoot/Idaho (USA)



The development of an efficient machine-control-system ensures a reliable and comfortable operating in the field.

Development to market launch Extensive testing until the final series production. Only proven and tested machines will be launched to the market.

agriChina

History Grimme group Team Development Production Logistics Service Original Parts Premium Partner Products

Traces of success

Grimme produces high level machinery for potato-, beet- and vegetable growers at five locations for the global market. Overall, the Grimme group offers more than 150 different types of machinery, which are manufactured by qualified staff in precision work. The high level of company integration allows Grimme the flexibility to react to changing markets and specific needs, while maintaining its commitment to producing original spare parts for used machines in the field.

The way from pre- to final assembly

- Modern industrial laser plants
- Bending machines with a pressing force up to 320
- · Blasting plant to prepare the metal for the painting • Welding robots and workstations for manual welding
- Environmentally friendly painting and finishing procedures
- Own development and production of sieving webs and conveyers
- Modern assembly lines including pre-assembly workstations Comprehensive final check
- and functional tests

The new production plant for harvest technology at Rieste Germany) is used for the assembly of all self-propelled Grimme machines.



Modern industrial laser plants Powerful laser plants ensure an extremely precise cutting process.



All production plants use modern and environmentally friendly painting processes.



A REAL PROPERTY AND A REAL

Production of webs for root crop machinery Many years of know-how are a non-visible feature in each web, ensuring highest product quality and functionality.





All machines are custom-made, that requires a very high flexibility in terms of production.

The company, located at Blackfoot/Idaho (USA) offers powerful potato planters, cultivators, harvesters, transport and storage equipment specially designed for the North American, Russian and Asian market.

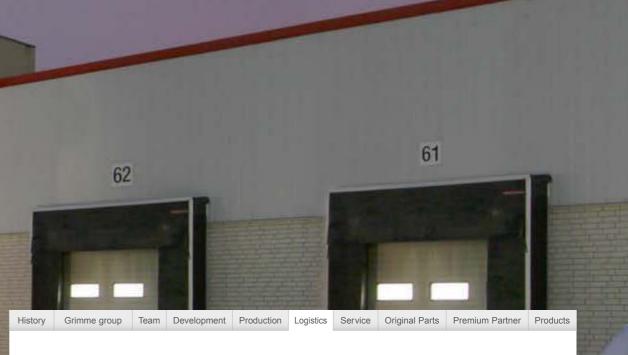
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Internorm

The company is member of the Grimme group – it offers a wide range of individual solutions for international markets, in many different fields.



Quality Travels Well

Machines take their journey after an intensive quality check. The transport takes place within production facilities or even to far away countries like South Africa or China. Grimme offers a quick and reliable supply of Grimme Original Parts. Normally all parts can be delivered within 48 hours - worldwide.

Worldwide shipping

- Longterm cooperation with shipping partners ensure timely deliveries
- Secure transportation via truck or ship
- · Possibility to pick up the machine by the grower
- Worldwide delivery of Grimme Original Parts





Quality Control Free for shipping: All machinery is checked and inspected carefully before leaving the company.



Shipping department Each productions plant has its own shipping centre – the machines are prepared for shipment by truck or for the transport by its new owner.



Worldwide transport Export and shipping of machinery is done by truck or by ship into more than 120 countries worldwide.



The logistics centre ensures a fast, easy and reliable supply of Grimme original parts. – Worldwide and around the clock.

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Warehouse at Grimme Uelzen Modern storage and warehouse-systems at the plants of our subsidiaries and the Grimme Premium Partners ensure the supply of all spare parts.

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Logistic centre at Damme (Germany)

- Global and fast delivery of spare parts
- Pallet-warehouse with 9000 pallet slots (heavyload)
- Additionally 15200 pallet slots (small parts)
- Automatic storage and retrieval systems for the transport of material to the commissioning area
- More than 30000 different parts from the simple screw up to the largest bunker
- We provide spare parts for a wide range of used machinery - sometimes older than 50 years
- First class service, worldwide
- High flexibility in logistics
- Short throughput time for spare part orders

Handover of keys A Premium Partner installs another new machine with our customer – he is the perfect local contact for further questions and support. GRIMME

History Grimme group Team Development Production Logistics Service Original Parts Premium Partner Products

Service

For our customers it is important to know that he can always count on a competent and trained service staff in more than 120 countries, around the clock. Our service people are the direct "bridge" from the field to the factory and from the grower to the engineer. This ensures that practical requirements have an influence on the development and improvement of our products. Professional trainers at the Grimme Academy ensure a continuous update and practical training for all our service employees.

Our own service staff and the service people of Grimme Premium Partners are well trained in intensive training courses.

Certified service - worldwide

- Training in theory and practice for the service staff of our partners
- Certificate for successful training
- More than 1300 participants join the trainings every year throughout the Grimme group, training locations are available in Germany, France, Great Britain, Russia and China
- Quick and reliable supply of Grimme Original Parts.
- First class service
- · Expert advice which takes country-specific differences into account



Grimme Academy

The training centre, Grimme Academy at Damme (Germany) offer the correct surrounding with modern equipped training rooms.





Practical trainings Hands-on training after theoretical aspects: Practical demonstration and training is done either in the Grimme Academy or on machines, which are locally available



THEFT



Remote-Service In case of complex technical issues the service technicians is able to give direct support from the factory via remote-service.

Service Well qualified and trained employees guarantee a quick help on site.





Factory representatives The Grimme sales representative is even available after purchase, i.e. for an optimal adjustment of the machine to the local conditions. History Grimme group Team Development Production Logistics Service Original Parts Premium Partner Products

Grimme Original Parts

Only the original part guarantees unique quality, accuracy of fit and long service life. But that is not all: The function warranty guarantees in the true sense of the word the function of all the components and not only of one special part. All essential parts are developed and manufactured at Grimme in OEM-Quality. Parts, that are not manufactured at the plant, are supplied exclusively from well-known companies. With those partners we have a close and trusted relationship for many decades. They know the specific demands of the market.

> GRÌMME **Original-Teile**

Professional quality, perfect fit, durability, guarantee for reliable function and fast availability are the features of Grimme Original Parts. They are highly durable, reliable and normally available within 48 hours.





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Quality of parts Quality to the last detail: All important spare parts are developed and produced within the Grimme group.



Consulting Trained staff provides a first-class advice and ensure that always the perfect original part will be delivered.



Grimme Original Parts

Electronic components are an integral part of modern machinery. Only high-quality components are used to fulfill the high requirements of the rough agricultural environment



A/1100



Web and conveying equipment For over 50 years Grimme manufactures its own webs and conveyors. Meanwhile, more than 6000 different version are available.





Sheet metal processing All essential sheet-metal components are precisely lasered, folded and painted.
 History
 Grimme group
 Team
 Development
 Production
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Grimme Premium Partner

Our local partner must not only be a competent contact partner when it comes to consulting and selling, but must also offer the best solution for the customer when it comes to service, Grimme Original Parts and retail machine marketing. This is guaranteed by the choosen Grimme Premium Partner, who meet these requirements and maintain a close contact to the factories of the Grimme group at all times.

Certified Service on site

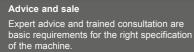
- Extensive product presentation
- · Expert advice and sale
- · Well qualified and trained employees
- Quick and reliable supply of Grimme Original Parts
- First class service, when you need it
- Execution of warranty work
- Retail machinery handling



GRIMME



Diretly on site Our Grimme Premium Partners are on site in all major growing regions of the world.

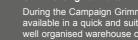


Field set-up

During the first use of the machine in field and beyond that the trained staff of our Grimme Premium Partner will be aside with help and advice.

Service The staff of Grimme Premium Partners are intensively trained by our own employees, thus ensuring first-class service.

Grimme Original Parts During the Campaign Grimme Original Parts have to be available in a quick and suitable way – this is ensured by a well organised warehouse of the Grimme Premium Partner.









Retail machinery handling Due to his experience the Grimme Premium Partner is an expert in the valuation and marketing of used equipment.

Potato technology

SEPARATING TECHNOLOGY

HARVESTER



SELF-PROPELLED HARVESTER

PLANTING TECHNOLOGY



HANDLING EQUIPMENT

SOIL CULTIVATION



HARVEST PREPARATION





Vegetable technology

HARVEST PREPARATION

CARROT HARVEST TECHNOLOGY

ONION HARVESTER



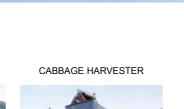


LEEK HARVESTER











HARVEST PREPARATION

HARVESTER





LOADING AND CLEANING TECHNOLOGY

BIOGAS-BEET PREPARATION

















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