Product range

Innovative potato, beet and vegetable technology

Contents

Separating technology

A prerequisite for growing high quality potatoes on stony and cloddy locations is an optimised soil cultivation as a first step. Growers all over the world use the advantages of an effective separation of clods and stones by means of a 3-phase cultivation system – comprising of forming, separating and planting in a bed. The loosely sieved beds are free from trash and warm up quickly. They offer ideal growth conditions to ensure fast emergence of the potatoes.

Bed former

The first steps for successful separation are neatly drawn beds. Two basic models are available for the various soil conditions. The large BF plough body for use especially on medium to heavy soils with big stones and large amount on clods. Or the BFL plough body with long side mouldboards to keep the loose soil in the bed, preventing it from falling back into the furrow. It is possible to combine both bodies with bed loosening tines to work in non-prepared soils. Three different working widths make it possible to shape two, three or four beds per crossing – creating the best requirements for subsequent separation.

CS 150 Combi-Star

The CS 150 Combi-Star is particularly suited for use on heavy, wet and sticky soils and in case of an increased humus content. The robust V-belt drive results in low maintenance costs for the machine. The CS 150 Combi-Star is also available as an XL version for an increase in sieving performance of up to 15 %.

CS 150 Combi-Web

The CS 150 Combi-Web is particularly suited for use on sandy soils with a high stone content. At the same time, the power requirement is lower compared to the Combi-Star. A transfer roller supports the flow of material and reduces the jamming of flat stones.

CS 150 Multi-Web

The CS 150 Multi-Web is particularly suited for use at sandy locations and on soils with a high content of sharp stones. The sieving area is increased by 20% compared to the Combi-Star, while wear costs especially on fields with flint stones or very aggressive sandy soils are considerably reduced.

Machinery for active tillage

GRIMME rotary tillers ensure an intensive soil tillage, prepare an optimum seedbed and shape the ridges in a perfect way.

Unpleasant clods are crushed; the loose soil ensures undisturbed growth for a wide variety of crops, such as potatoes and carrots.

The rotary tillers of GR series differ from the GF series by a smaller diameter of the rotor shaft.

Full-width tiller GR 300/360

front attachment

The full width tiller GR 300/360, with a working width of 3.00 m respectively 3.60 m in front attachment, is ideally suited to be combined with a trailed 4-row potato planter. Convenient especially for short headlands and smaller acreage, a compact tractor implement combination is available for these requirements.

rear-mounted

The GR 300/360 may be also conventionally used as a rear-mounted rotary tiller for crushing clods and trash as well as for the inversion of grassland.

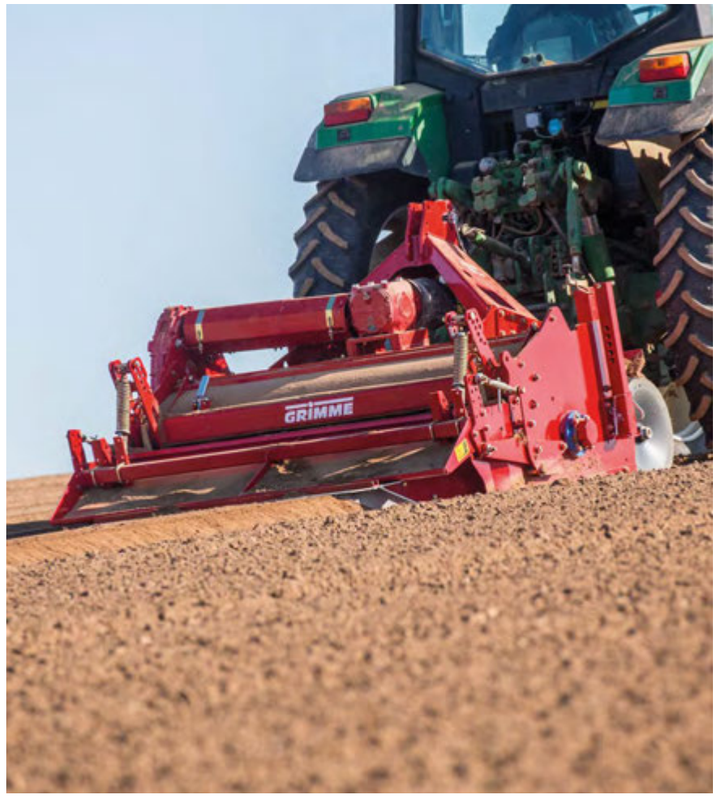
in combination with a potato planter

The use of the GR 300/360 combined with a potato planter enables the handling of multitask processes in one crossing: Soil cultivation, fertilizing, crop protection, planting and ridge shaping (5-in-1).

GF 200

front attachment

The front mounted full width rotary tiller GF 200 is used to prepare soils with a high amount of clods. Its main use is in combination with a 2-row potato planter. In this way it is possible to realise an economic planting and cultivation in a single pass.



rear mounted as a rotary hiller

The rear-mounted GF 200 is a 2-row rotary tiller with a working width of 1.50 m or 1.80 m, which is frequently used as a rotary hiller. Optionally, it can be equipped with clamps and tines for full width tillage in conventional row growing or for bed-cultivated potato growing.

GF 400

as a rotary hiller

For conventional ridging or pre-forming of ridges, the GF 400 is equipped with a shaping board. Ridge shaping can be realised in several sizes. Especially for growers of carrots there are additional, hydraulically driven ridge pressure rollers and a lift frame available, which can be mounted behind the machine.

in combination with a potato planter

In the case, that the machine combination of tiller and planter shall be used as a "5-in-1 combination", the tiller is equipped with a heavy-duty three-point linkage, incl. steel grip to attach the planter behind the tiller. With the optional high-performance gearbox for tractors with an engine output of up to 500 hp, the GF 400 is the most powerful rotary tiller in its class.

as a full-width rotary hiller

For exclusive use as a full width rotary tiller, the GF 400 can also be equipped with a soil retention plate and a carrying roller. Several rotor shafts and tines as well as s-shaped blades are available for all applications.

GF 600

The GF 600 is a 6-row rotary hiller for potato ridges. Optionally it can be used as a full width tiller for pre-hilling of potato ridges. Ridge shaping can be realised in several sizes. Due to the fact that the machine is hydraulically foldable for road transport (option), an easy and fast transfer from field to field is possible.

GF 800

The GF 800 is an 8-row, hydraulically foldable rotary hiller, which is designed as a solo-machine to fulfil the highest requirements in area performance. It can be used for conventional hilling in a second step after planting. Additionally it can be used with integrated shapers for the pre-shaping of potato ridges (option). For perfectly shaped ridges, there are also various shaping boards available for the GF 800.

as a full-width rotary hiller

As with all other rotary tillers of the GF series, the GF 600 and the GF 800 can also be equipped with a soil retention plate and a carrying roller for conventional soil cultivation.

Non-driven "passive" tillage

GRIMME has the right equipment for various passive soil tillage methods.
For optimum care of ridges there are 2, 4, 6 and 8-row ridging hillers with a variety of options available. The machines reshape the ridges and reduce weed growth.
When planting potatoes, a 2-row or 4-row front cultivator can be used to built up a pre-formed ridge. In this way compaction of the soil by tractor wheels can be avoided. For under-root fertilisation a fertiliser box is available.
For liquid chemicals to be applied onto the seed potatoes and/or into the furrow, there is an approved tank system available.

Ridging hillers

The GRIMME ridging hillers of the GH-series are available as 2-, 4-, 6- or 8-row machines. They are suitable for crops, which are cultivated in ridges with a row width from 75 to 91.4 cm. Various options including different tines for varying soil conditions are available to enable optimum ridging.

Ridging hiller with shaping board

For the 2- and 4-row ridging hillers, the right shaping boards are available for every demand. It is possible to choose between three different versions of shaping boards. A closed version, an open top version or an XL version for ridges with extra large circumference. In order to improve water absorption of the finished ridges cage rollers can be used on light soils.

Ridging hiller with single row shaper

The spring-loaded single row shapers move the soil safely onto the ridge. Even if the vegetation has progressed so far that green leaves of potatoes or carrots are already visible above ground, the passage can be done without any problems. The single row shapers can be modified, to be used like conventional ridging hillers The individual row formers are closed or opened with the aid of insertable or removable insert plates.

Ridging Hiller GH Eco

For weed destruction without chemicals and ridge building simultaneously, the Eco Ridging Hiller is the right choice. For optimum ridge construction, all Eco Ridging Hillers are equipped with single row shapers. By using this feature, the machine can easily be used in a vegetation that has progressed so far that green leaves of potatoes or carrots are already visible above ground.

Front fertiliser

FA 200

The 2-row FA 200 is available as a front fertiliser for underfoot fertilising. The GRIMME tank system TS 420 is authorised for liquid seed dressing onto the seed potatoes and/or into the furrow.

Front cultivator

FA 200 / FA 400

The 2-row or 4-row front cultivator is used for the planting of potatoes, to form perfect ridges without compaction by the tractor wheels. In practice, the front cultivator is used in tandem with a suitable potato planter. For liquid chemicals to be applied onto the seed potatoes and/or into the furrow, there is an approved tank system available.

Cup planter

GRIMME cup planters are simple to operate and robust technology enables a high efficiency in the field. These machines are particularly characterised by their wide range of options. Features like fertiliser box, plant protection equipment, various ridge shaping units and the combination with soil tillage implements are possible. This makes GRIMME cup planters ideal for professional potato growers in all conditions.

GL 32 E

The GL 32 E, simple to operate and robust technology enables a high efficiency in the field. The compact machine suits also small tractors.

GL 32 F

The GL 32 F convinces with the various options as hopper extension, fertiliser box, ridge shaping unit (cage roller or shaping board) or moving floor unit. Therefore it ideally suits the professional potato grower with smaller field sizes.

GL 32 B

The GL 32 B is designed both for conventional planting and for planting into beds. Narrow, fixed furrow opener ensure an optimum planting position into a separated bed. Soil retention plates under the machine keep the soil for ridge shaping. Keeping enough soil for the following shaping board or cage roller.

GL 410

The GRIMME GL 410 is a lightweight, mounted, 4-row potato planter. The chassis is integrated in front of the covering discs to reduce the required lifting power to a minimum. Direct ridge shaping in combination with a shaping board or a cage roller ensures an even covering.

GL 420

The GL 420 is a mounted, 4-row potato planter with a unique variety of options for almost every grower. The machine design with large covering discs in front of running wheels enables easy pulling of the machine, pre-shapes the ridge and avoids soil compaction of loose soil by the running wheels. The machine is optionally expandable with a single row drive for Clever Planting and for Section Control.

GL 420 Exacta

The GL 420 Exacta is a short, combined and carried potato planter with the proven arrangement of the planting elements. The unique design of the machine of our potato planter Type "GL 420 Exacta" results in the smallest distance between tuber discharge and ridge form plates, which is available on the market. The distinctive construction is advantageous in small, odd shaped fields and on slopes.

GL 430

The modular design of the 4-row trailed GRIMME GL 430 potato planter combines various equipment options. The basic machine design concentrates on the main functions for a good planting. But various options for up to 5-in-1 combination incl. active soil cultivation, fertilising, crop protection, planting and ridge shaping are available. The interchangeable frame for the soil cultivators enables an optimum adaption to the respective soil conditions.

GL 660

Beside the traditional planting it is also possible to plant into separated beds with the 6-row trailed potato planter GRIMME GL 660. The machine design with large covering discs in front of running wheels enables easy pulling of the machine, pre-shapes the ridge and avoids soil compaction of loose soil by the running wheels. Using a combination of under-root fertilisation, ridge shaping , as well as the application of liquid seed dressing and furrow treatment agent, the efficiency can be significantly increased.

GL 860

The 8-row trailed potato planter GRIMME GL 860 with 6 tonne hopper for a high acreage performance. The machine design with large covering discs in front of running wheels enables easy pulling of the machine, pre-shapes the ridge and avoids soil compaction of loose soil by the running wheels. The weight of the machine is carried on up to 8 wheels (option) to reduce the ground compaction.

GL 860 Compacta

The GL 860 Compacta unites all the advantages of a trailed 8-row potato planter with a compact potato planter. Highest acreage performance combined with a fast change of fields make the machine to the most efficient potato planter in the market. The special folding system for road transport makes it possible. A comprehensive list of features makes the machine particularly attractive for agricultural contractors and individual customers in small and large structured cultivation regions.

Belt planter

The belt planter is the right choice to plant non calibrated seed potatoes, various sizes or longish varieties. Depending on the tuber calibration and size, higher working speeds can be achieved than with a cup planter. The wide range of configuration makes it possible for each machine to be equipped in a way that meets the specific requirements.

GB 215

The GB 215 is designed both for conventional planting and for planting into beds. Hydraulic steering and planting element levelling enable an accurate planting also on slopes. The machine can be equipped with the GRIMME Flow-Board for bed planting. This ensures a constant covering and planting depth and even covering of the crop for perfect growing.

GB 230

The GB 230 is designed both for conventional planting and for planting into beds. Fertiliser box, chemicals equipment and GRIMME Flow-Board are available as an option. All main settings are comfortable adaptable during operation via the operator terminal. A video system is available to control the machine functions.

GB 330

The GB 330 is especially designed for 3-row planting into beds. The GB 330 is especially designed for 3-row planting into beds. Compared to the 2-row bed method, it is possible to plant more potatoes on the same area and to distribute them more evenly. The result is a more even growth of the tubers and thus an increased quota of marketable crops. Fertiliser box, chemicals equipment and GRIMME Flow-Board are available as an option.

GB 430

The GB 430 is designed both for conventional planting and for planting into beds. Two different chassis available to combine the various options of ridge shaping to suit the requirements. Fertiliser box, chemicals equipment and GRIMME Flow-Board are available as an option. A video system is available to control the machine functions.

Precision seeders

GRIMME offers mechanical and pneumatic precision seeders for seeding more than 270 fine seeds such as beets, canola, onions, carrots, broccoli, pepper and chicory. Important for a satisfying yield are an even, predefined seeding distance, an exact seed depth placement, a good seed coverage with soil and an optimum soil reconsolidation. Due to the high variety of options, the machines can be equipped specifically for almost all seeding conditions.

MATRIX 1200/1800

MATRIX is a mechanical precision seeder for 12- respectivly 18 -rows, for seeding of beets, canola and chicory. For short setup times the main frame of the machine can be folded to less than 3 m width for transportation. The inner filled cellular wheels are driven via electro motor, this technology enables an exact, but easy to vary distance of the seed within the seed-row. The seeding unit is mounted in a parallelogram, so that a precise depth control is ensured. The machine is suitable for conventional seeding (after ploughing), for mulch seeding (reduced tillage) and for direct seeding (no tillage).

ProAir

The ProAir is a pneumatic precision precision seeder for various fine seeds such as broccoli, dill or pepper. The machine is available in working widths from 2 to 24 rows. A special feature is the seeding of up to 4 lines per seeding disc.

Harvest preparation

For a successful harvest, the optimal preparation of the cultivated areas before harvesting is extremely important. Depending on the crop, there are different implements to choose from.
In potato cultivation, haulm topping ensures a uniform ripening, an improved skin firmness, a better harvesting results due to less trash and a higher throughput capacity of the harvester.
In case of cultivating beets, chicory and celeriac, the leaves are removed in order to harvest the crops as efficiently as possible. The vegetable topper is used to prepare the vegetable harvest, e.g. carrots, celeriac, red beet and many more.

KS 75-2

The 2-row haulm topper, type KS 75-2, is suitable for row widths from 75 to 90 cm as well as for use in beds. After topping the haulm is deposited inline between the ridges. As standard, the machine can be used in both front- and rear attachment.

KSA 75-2

The typical use of the KSA 75-2 is in front of a two row trailed harvester. The topper in the tractor front discharge the chopped haulm to the side so it will not run through the following harvester. Thus realizes a higher output and better harvesting result.

KS 75-4

The 4-row haulm topper KS 75-4 with "inline" haulm placement between the ridges is suitable for row widths of 75 and 80 cm. The haulm topper is characterised in particular by its high suction effect and a good working result. As standard, the machine can be used in both front- and rear attachment.

KS 3600

Haulm topping before the harvest gives various advantages. As alternative to the chemical haulm destruction a mechanical one is possible a few weeks before the harvest starts. The haulm topping also enables an equal crop maturing and set skins. Another advantage is the harvest without deviner web or within heavy haulm conditions an increased output and better harvesting result.

KS 5400

The KS 5400 is the right choice for simultaneous topping of 3 beds or 6 ridges with a row width of 90 cm. For an optimal working result, the flail contour is adapted to the specific requirements. After topping the haulm is deposited either inline between the ridges or next to the beds.

KP 1700

The vegetable topper is used to prepare the vegetable harvest, e.g. carrots, celeriac, red beet and many more. Due to the high speed and very flexible flails it is possisible to realise a accurate working result at high performance.

BM 300

The 6-row defoliator BM 300 developed for the 2-phase process. The machine is equipped with a durable steel flail shaft for leaf chopping, as well as two contra rotating non-wear cleaning rubber flail shafts to clean the top of the crop.

FT 300

The 6-row Inline front topper FT 300 with its patented leaf discharge, reliably avoids irritating blocking in the scalper area. The machine has been developed for the 1-phase system in combination with the ROOTSTER 604. The chopped leaves are put down on the ground rear of the scalper unit. In addition, this system ensures an optimum distribution of the chopped leaf mass.

FM 300

The 6-row Inline front mulcher FM has been developed for the 1-phase process in combination with the ROOTSTER 604. A counter rotating multi shaft and a cleaning shaft which is rotating in driving direction defoliate the crop in a very gentle way. The result are crop heads without any leaves and this achieves up to 10 % higher volume yields then with the conventional scalping method.

Harvesting Technology

GRIMME offers the perfect matching machine for harvesting a wide range of crops such as potatoes, sugar beet, fodder beet, carrots, onions, chicory, celeriac, red beet, parsnips, swedes and many more. Due to a number of further developments and features, the machines are suitable for almost all soils, harvesting methods and farm sizes. The experience of over 80 years of harvesting technology is reflected in numerous GRIMME innovations, which make a significant contribution to crop and soil protection while at the same time increasing harvest performance.

WH 200

The WH 200 is a mounted windrower for various conditions.

- Starter machine for the mechanical harvest of potatoes and other root crops
- For a two-phase harvesting process, in order to obtain light-skinned and shell-resistant potatoes
- Or in combination with a potato harvester to increase the output in a so-called fortified harvest process

Tractors from 68 HP upwards can operate the windrower with the proven digging units.

WR 200

The Windrower WR 200 modular design combines the proven digging units from the SE family. In total 4 different versions are available:

- machines with long main web, centre discharge without haulm separation for regions of the world, where harvesting "by hand" is normal.
- machines with long main web, centre discharge and with haulm separation for regions of the world, where harvesting "by hand" is normal.
- machines with an additional second main web, double scraper roller and centre discharge, specially for the so-called 2-stage harvest system
- machines with cross conveyor and lateral crop discharge for fortified harvest process

SE 75-20

The compact bunker harvester, type GRIMME SE 75-20, was designed for small to medium structured areas. The harvested crop is gently separated from the haulm by means of the "SE principle" and is conveyed to the subsequent separating device. The matching separators keep the drop steps as low as possible, so that the crop flow passes gently through the machine.

SE 140

The SE 140 is an agile and at the same time powerful bunker harvester. With its 4-tonne bunker, it is specially designed for medium-sized farms and cultivation areas. The "SE- principle" excelled due to a combination of soil-sieving, an inclined conveyor and crop separation. Thanks to its compact and sophisticated machine concept, the SE 140 is a very easy to operate, adjust and maintain.

SE 75-55

The powerful single-row trailed bunker harvester, type SE 75-55, convinces with its simple operation, effective haulm separation and its 5.5 t bunker. With a large selection of three different types of separators, the GRIMME SE 75-55 does not only separate the crop from its haulm, but also from stones and clods.

SE 260

With the 2-row, off-set trailed SE 260 with 6 t bunker, GRIMME supplements its very successful SE 150-60 series and with that is able to enter the performance dimension of 2-row bunkers at an attractive price. The digging technology is based on a combination of the effective yet gently harvesting elements of the 2-row SE 150-60 and the optimised harvest flow of the 1-row SE 75-55. The machines compact design makes them highly manoeuvrable which offers many benefits especially at row ends.

SE 150-60

SE 150-60 potato harvester is developed for high output but ensures gentle crop handling at the same time. The harvesters are available in four variants, which differ in the type of separator. This is suitable to customize the machine to the varying harvest conditions. Further more three bunker versions are available to choose from: 6 tonne standard bunker, 7.5 tonne large bunker as well as a 5.8 tonne unloading bunker. The machine is easy to handle, allows excellent view onto the digging unit and allows an easy maintenance.

EVO 280

The 2-row EVO 280 with 8 tonne bunker redefines performance and efficiency. In the most difficult conditions, the EVO 280 with its three separators, enables a maximum output while at the same time protecting the crop. The telescopic axle ensures a safe road transport with a machine width of only 3.00 m on the one hand. On the other hand, it ensures maximum driving stability in the field.

EVO 290

With the 2-row trailed harvester EVO 290, the market needs for an enhanced harvesting capacity and soil conservation have been met, allowing greater levels of performance, incorporating technology from the highly successful SE 260. The new 3 wheeled chassis TriSys for less soil compaction and a 9 tonne bunker are the two most noticeable features.

EVO 290 AirSep

The AirSep is a pneumatic trash separator which separates stones and wet clods from the harvested crop. The separator works very gently with an uplift concept. An airstream keeps the crop in a floating position and gently transfers it from the separator.

SV 260

The 2-row bunker harvester SV 260 is characterised by a high variability of the separators: it can be equipped with a fine haulm elevator, Roller Separator or MultiSep. Also a combination of separators is possible e.g. double MultiSep, MultiSep plus Roller Separator, MultiSep or Roller Separator with fine haulm elevator. Large bunkers of 6.0 tonne or 7.5 tonne capacity or a 5.5 tonne NonstopBunker are available.

GT 170

The variable and good visible frame constructions of the two machine models GT 170 M and GT 170 S combined with 4 different separators customise the machine to the individual requirements. Gentle and extremely versatile the MultiSep and/or the double MultiSep work well in all conditions with various segment rollers to suit the crop and the conditions.

GT 300

The trailed elevator harvester GT 300 harvests three rows in lieu of two with every pass. This simply means 50 % more performance. The operator has a clear view of the digging units and the large sieving areas. A choice of various separators between MultiSep, Roller Separator and fine haulm elevator are available.

ROOTSTER 604

Simple and robust, this is the formula for the development of the 6-row trailed beet harvester ROOTSTER with 4 tonne buffer bunker. All machine functions, which are operated hydraulically or electrically, can be conveniently controlled via an operator terminal. All mechanical drives are of low-maintenance design. This does make it easier to carry out repairs and reduces the required power (from 136 kW / 185 HP). Use of the ROOTSTER as 1-phase system by using the FT 300 or FM 300 or the 2-phase system by using the BM 300. The machine is available with row widths of 45 or 50 cm respectively 18" or 20".

Self-propelled harvester

With over 50 years of experience and many pioneering innovations, GRIMME has remained a key player in self-propelled technology to this day. With nine different models of self-propelled harvesters for potatoes, sugar beet, fodder beet, carrots, onions, chicory, celeriac, red beet, parsnip, swedes and many more, GRIMME offers the widest product range on the market.

The high manoeuvrability as well as the harvesting in extreme operating conditions are features which distinguish the GRIMME self-propelled machines.

2-row VARITRON

The 2-row self propelled harvesters of the VARITRON Platinum series are characterised by a high variability in the combination of different intake units and separators.

VARITRON 220 Platinum TERRA TRAC

The VARITRON 220 Platinum with 2 tonne buffer bunker has been developed for customers who want to unload directly into boxes or on a trailer. The ground protective rubber tracks allow good harvesting in wet fields. The telescoping rear axle ensures highest driving stability and safety.

VARITRON 270 Platinum

The very agile VARITRON 270 Platinum with wheels comes with very ground protective large wheels as standard. The 7.0 tonne NonstopBunker enables real non-stop harvesting thanks to the circulating bunker web.

VARITRON 270 Platinum TERRA TRAC

The ground protective rubber tracks allow good harvesting in wet fields. The telescoping rear axle ensures the highest driving stability and safety. The 7 tonne bunker is used the whole time with effective capacity thanks to the rotating bunker web.

4-row VARITRON

The self-propelled harvesters of the VARITRON series give a high variability with the various options of different separators and performance levels. The driver always has the best view onto the intake unit. The 7.0 tonne NonstopBunker enables real non-stop harvesting thanks to the circulating bunker web.

VARITRON 470

The very agile VARITRON 470 is equipped with wheels. The steering angle at the front axle is 63°, at the rear axle up to 20° resulting in an inner turning radius of 6 m.

VARITRON 470 Platinum TERRA TRAC

The machine is equipped with ground protective rubber tracks, which allow good harvesting in wet fields.

VENTOR 4150

The 4-row self-propelled potato harvester with its 15 tonne bunker, called VENTOR 4150, is based on the SE-principle (sieving, conveying and haulm separation). For the first time, it has been possible to double the performance of the so-called "SE system" of 2-row harvesters. A wheel system with "crab steering" and large flotation tyres enable low-impact travel on the field. The machine covers the entire surface in an even way with minimum of crossings.

Series of REXOR Platinum

For over 10 years, the REXOR series has been setting standards in the harvesting of beets, chicory and celeriac. A large number of innovations and further developments have been incorporated into the 653 hp two-axle REXOR 6200 Platinum with 20-tonne bunker (30 m³) and the three-axle REXOR 6300 Platinum with 30-tonne bunker (45 m³). From the defoliation system to the digging unit and cleaning through to unloading, the focus is on gentle handling of the crop for maximum mass yield. Unique is the defoliator, type FM, and the Oppel wheels for digging. There are three further defoliation systems and a walking share available on request.

MAXTRON 620

Thanks to its unique chassis concept with rubber tracks and rear steering head, the 6-row MAXTRON 620 with an enginge of 530 hp an a 22 tonne bunker is the world's most manoeuvrable beet harvester, which at the same time causes the least soil compaction. This excellent design permits an effective and gentle cleaning via main web and axial rollers of the crop across the full width of the machine, without any bottleneck of the crop flow.

Handling equipment

GRIMME handling equipment has been part of its product range for over 20 years. Many innovative ideas and a large number of technical novelties characterise the GRIMME handling equipment. No matter whether receiving hopper, conveyors, box filler, store loaders, sorting equipment, pick-up scooper or field loaders – we always attach the greatest importance to a high output, tremendous sturdiness as well as lowest impact crop treatment.

RH 12 / RH 16

The compact Receiving hopper with a hopper volume of 4 m³ to 9 m³ not only impresses with a high performance combined with minimum damage to the crop, but also with a variety of innovative equipment details.

RH 12 Combi

The compact Combi especially suits medium sized farms. The design of the hopper floor and cleaning unit, as well as the infinite drive combine high output with extremely gentle crop handling at the same time. The roller picking table turns the crop while transferring, to assist picking.

RH 20 / RH 24 / RH 28

The Receiving hoppers suit medium to larger farms. The design of the hopper floor, its active pocket sealing, the cleaning unit and the infinite drive ensure a gentle crop handling. The various options allow an optimum adaption to the customer needs.

RH 20 Combi / RH 24 Combi

The GRIMME RH-Combi convinces by its diversity of options, so that it meets variable requirements. Gentle soil cleaning and pre-grading with PU spiral coils Depending on the requirements in regards to accuracy of grading and gentle crop handling, the RH-Combi can be combined with a web grader or a roller unit, made of polyurethane.

PowerCombi

With the launch of the PowerCombi, it is possible to use a receiving hopper with three highly efficient separati-on mechanisms to not only increase separation accuracy, but also to increase capacity up to 100 tonnes per hour. Up to 25% more efficient than the common systems.

CleanLoader

The field loading station has a performance of up to 120 t/h and a simultaneous maximum trash separation during the loading on the field. The CleanLoader is ready to use or to move to the next field in less than 15 minutes. For independent use, the machine is equipped with an economical diesel engine. The cart elevator with remote control allows a comfortable truck loading within 15 minutes.

Conveyors

SC 800 and TC 800

Both the single conveyors of the SC series and the telescopic belts of the TC series, called "duo conveyor" are characterised by a particularly robust and durable design to ensure a gentle product handling during the transport in the storage. The high-quality workmanship is reflected in many innovative details, such as the belt lifting mechanism, called airbag, which permits particularly gentle crop transfer from one belt onto the next, and the transfer aid SoftFlow (available as an option), which reduces the strain up to 30 %. Hydraulic steering and drive are optionally available for the TC series. The TC conveyors are available either in 13.5 m or 16.5 m lengths and the SC conveyors in 7.0 m, 9.0 m and 12.0 m lengths.

LC 705 / LC 707 / LC 709

All models of the LC series are equipped with an electro-hydraulic drive, e.g. for the use on the farm. The swivelling LC 705 can be used either with the electro-hydraulic drive whilst using it on a farm or hydraulic drive driven by tractor hydraulic for the use on a field. A hybrid drive is available as an option, which extends the field of application.

SL 125 / SL 145

The Store Loader with its 65 cm wide belt is the ideal choice for medium sized farms. The machine convinces with its convenient operation and high storage performance of potatoes, onions, carrots or grain. The large wheel overhang ensures maximum manoeuvrability which reduces the need to move the machine.

SL 716

The Store Loader with a belt of 65 cm width and a length of 16.1 m is the ideal choice for medium sized farms. The machine convinces with its convenient operation and high storage performance of potatoes, onions, carrots or grain. Unique details of the chassis construction, the steering system as well as the infinitely drive enable in this class of machinery a maximum working length, high output and high manoeuvrability.

SL 80 / SL 80 Quantum

The store loaders with 16 m to 22 m operating range and 80 cm wide belt convince with their convenient operation and high storage performance of potatoes, onions, carrots or grain. The Quantum principle is a specifically developed intake belt which ensures a clearly gentler crop transfer in the intake range independent of the swivelling and conveying angle.

GBF

The GBF is a fully automatic box filler that can be used both during storage and during potato processing / grading. The adjustable intake height and the box positioning frame are suitable for filling a variety of different sized boxes. The hydraulically adjustable gooseneck reduces the discharge height into the box.

GBF XXL

The GBF XXL is a fully automatic box filler for 3.5 to 5 t boxes that can be used both during storage and during potato processing / grading. The adjustable intake height and the box positioning frame are suitable for filling a variety of different sized boxes. The hydraulically adjustable gooseneck reduces the discharge height into the box.

SG unit

The SG units for soil cleaning and pre-grading can be integrated as pre-assembled module into an already existing processing line. To make the necessary adaption possible, the SG unit comes without cross conveyors and frames. This unit is equipped with PU spiral coils and an electro-hydraulic drive.

WG 900

The innovative grader unit with its compact design and height-adjustable chassis is easy to integrate into the crop flow. The rubber web, with low impact on the crop, offers an ideal coordination between grading accuracy and flow rate thanks to its infinitely variable drive. By connecting several WG in series, different grading sizes can be generated in one step.

PS 511

The PS 511 picks up the crop from the storage with high performance and forwards it to following transport units. The Scooper with its range of 11 m and a belt width of 50 cm convinces with its high throughput rate. The infinitely conveyor speed adjustment allows an optimum adoption to the various conditions.

GRIMME Services: reliable harvesting success

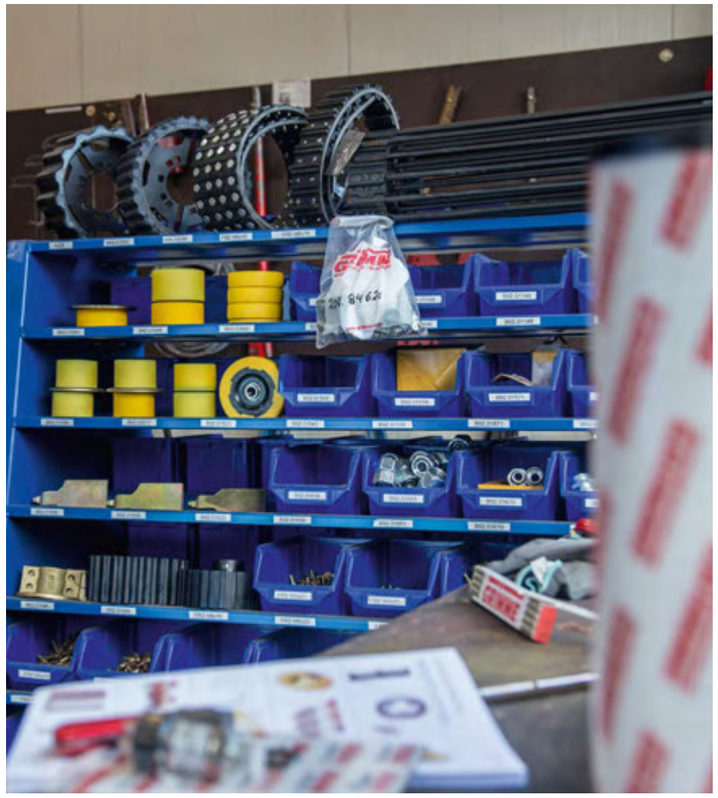
GRIMME offers numerous other advantages around its product range, e.g. a worldwide covering service as well as the supply with GRIMME original parts. This is ensured by our twelve subsidiaries worldwide and the local GRIMME Premium Partners.

The new Internet portal for used machinery enables a fast and easy search and sell of machines - anywhere in the world. An offer for refurbishing a machine can also be requested.
Using the new Internet-based portal myGRIMME, GRIMME customers are able to get access to all relevant information about GRIMME machinery. Operating instructions can be displayed as well as spare part lists, a live view of the machine on a map, machinery data such as fuel consumption or output.

Your local GRIMME Premium Partner is the competent contact for expert advice and sales. Trained skilled workers ensure an excellent service and a rapid availability of GRIMME Original Parts. The close exchange between customer, sales partner and factory representative is important in order to develop innovative and high-performance machinery.

GRIMME Original Parts

Only the original part ensures 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. GRIMME develops and produces the most important parts at its own factory and supplies exclusively original equipment manufacturer quality. Other important parts, such as rollers, PU spiral rollers, belts and webs, are developed and produced by the subsidiaries INTERNORM and RICON - all from a single source.



	PLUS	PRO	PREMIUM	PROTECT
GRIMME Premium-Check and maintenance service	✓	✓	✓	✓
Extended warranty on the power train of the machine	–	✓	✓	✓
Extended warranty for the whole machine	–	–	✓	✓
Full-Service including wearing parts	–	–	–	✓

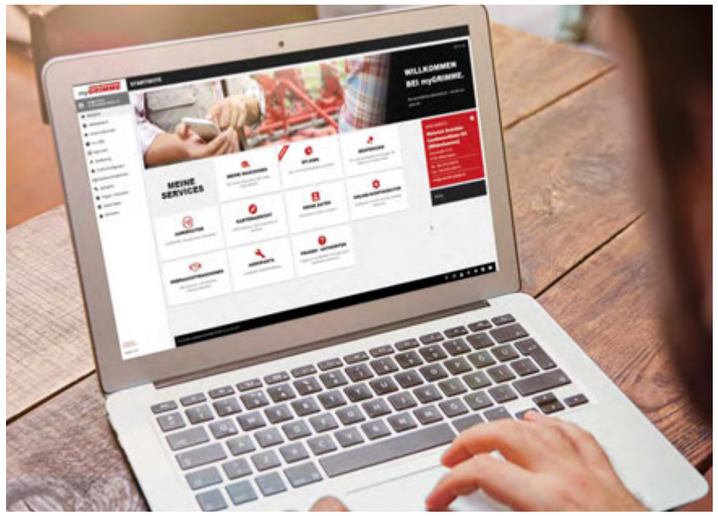
For all self-propelled GRIMME harvesters, there are individual agreed service packages available which include the full service inclusive wearing parts in the highest stage PROTECT.

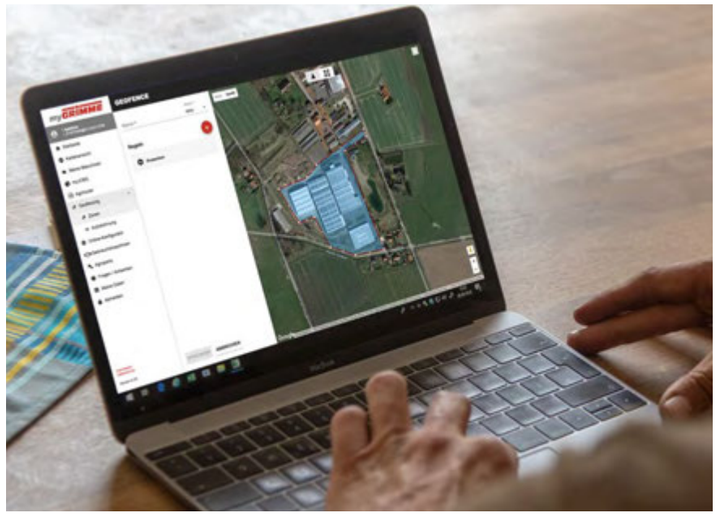
myGRIMME

The customer portal

MyGRIMME is an internet portal where all GRIMME machines can be clearly managed. The machine specific configuration, operator manuals maintenance plans as well as spare parts books are easily found. Machines equipped with a GPS system can easily be displayed and found on google maps. A virtual fence for theft protection (so-called geofencing), online configuration, used machinery exchange, spare part identification and checking of spare part availability are further advantages of myGRIMME.

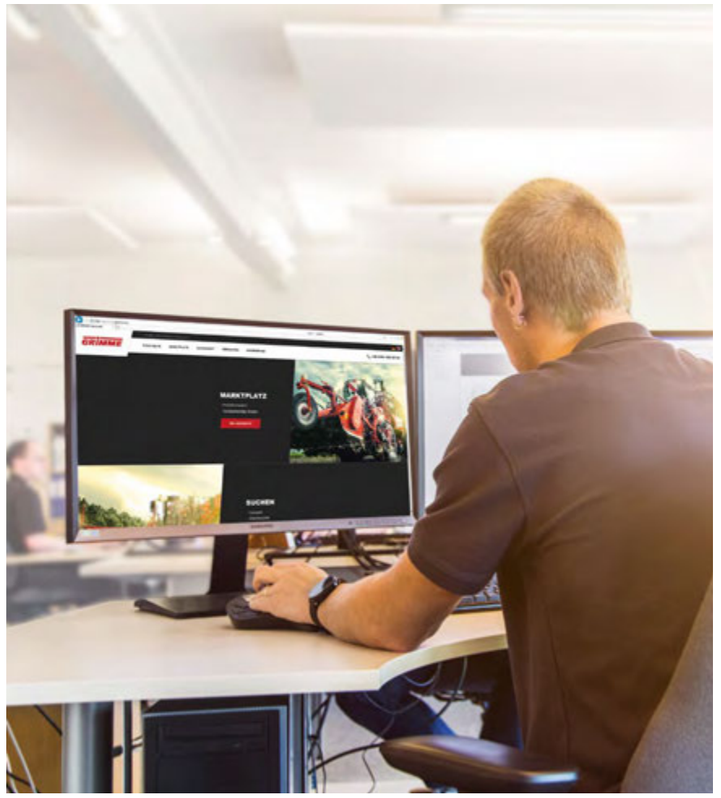
Further applications are incorporated in the next stages of development so that the owner continues to reap the benefits of myGRIMME.





Refurbishment of used machinery

Used machinery, professionally refurbished, tested and available on time - the purchase of used machinery is a matter of trust. The GRIMME - refurbishment follows strictly-defined quality standards. The refurbishment is carried out by the qualified team using GRIMME Original Parts. Only latest software releases are used and installed for the refurbishing process. A driver training at the beginning of the harvesting campaign and an initial deployment with instructions from the GRIMME Service can be arranged by agreement. A one-year warranty, excluding wearing parts and power train, can also be purchased.



Online portal for used machinery

On the Internet portal "GRIMME used machinery" (https://gebrauchte.grimme.com) machinery can easily be sold or searched. An offer for refurbishing a machine can also be requested. On request, GRIMME will take over the complete marketing, worldwide, including any customs issues that may arise. This saves the seller a lot of time and effort.

The GRIMME Group

Members of the GRIMME group are the GRIMME Landmaschinenfabrik located in Damme (plant 1) and Rieste (plant 2), the North American Potato Machinery manufacturer SPUDNIK (Blackfoot / Idaho) and the Danish vegetable machinery manufacturer ASA-LIFT (Sorø/Denmark). With more than 150 various machine types for the potato, beet and vegetable technology the GRIMME group offers the widest and most extensive product range in this segment. Also belonging to the GRIMME group is the company INTERNORM (plastics engineering), located in Damme and RICON (factory for web and conveying equipment) in Rieste.

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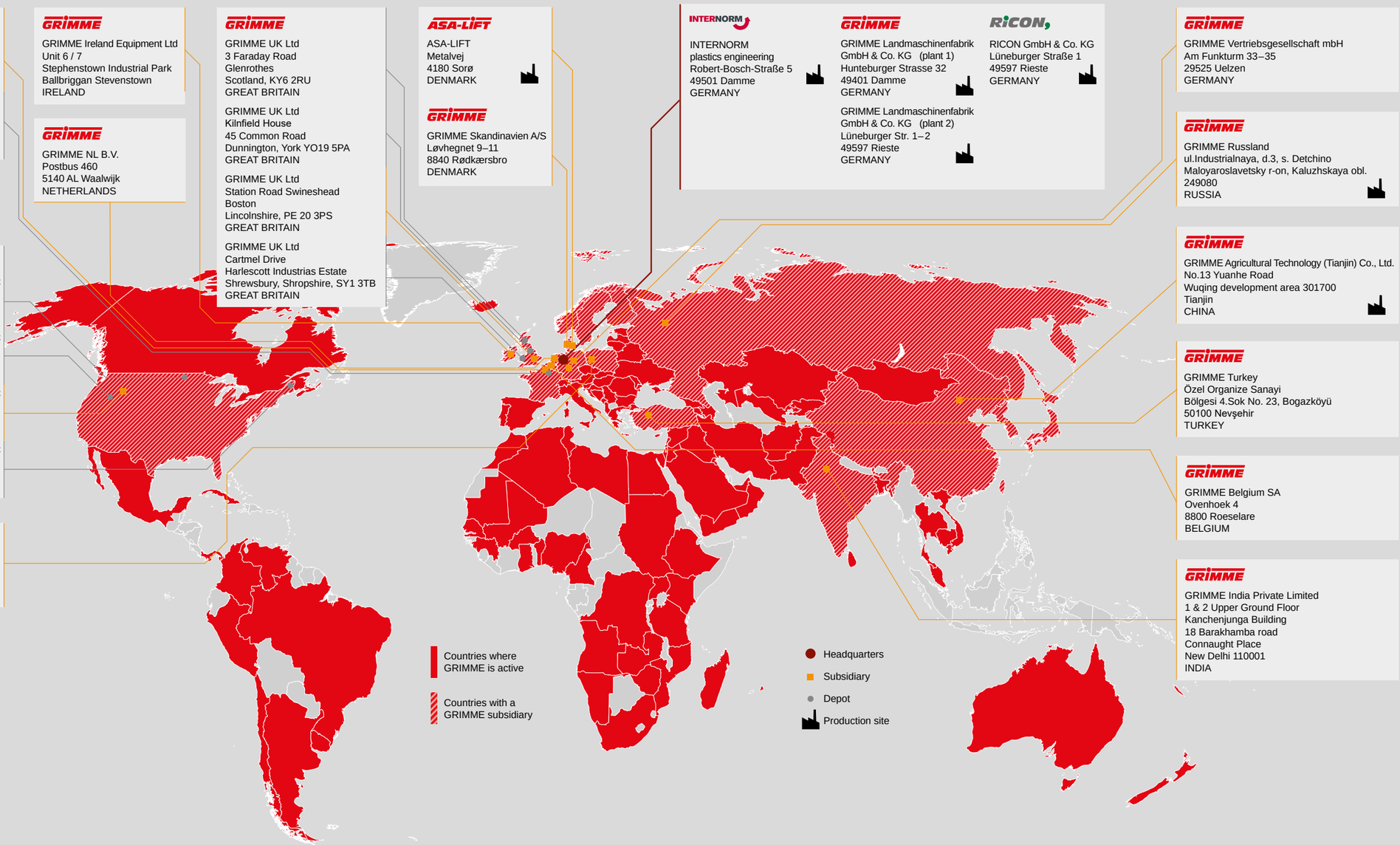

Download our contact details to your smart phone quickly
and easily by means of the QR code!

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