



**Superior agricultural research equipment.
Rely on the worldwide market leader.**



In the soil lies the seed of new growth.

Agricultural research along with agricultural field experiments face major challenges.

Soil erosion, global population growth, bioenergy and climate change are only some of many controversial issues that demand convincing answers.

Answers that require maximum problem-solving skills and latest technology. The motto must be: even more accurate, reliable, and powerful. And even more customer-specific flexibility. Meeting precisely these demands has made WINTERSTEIGER the number one in field trials technology in the world.



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From machine 1 to number one in the world.

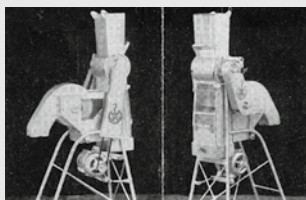
The history of WINTERSTEIGER began in 1953 with the Machine 1 – a simple seeder. Already then did WINTERSTEIGER realize the importance of precision, reliability, performance and customer-specific flexibility. And these priorities have remained unchanged until today. Even though technology has been developed rapidly since then – driven by 7% of the sales volume that WINTERSTEIGER invests in research and development every year.

Today, WINTERSTEIGER can offer an integrated product line for field experiments, covering the entire cycle of field research: from sowing to harvesting. Developed by our top talents, made with absolute cutting-edge technology, demanded by the most prestigious and successful companies and institutions in the world.



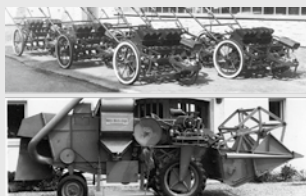
WINTERSTEIGER in fast motion.

1953



Founding of the company WINTERSTEIGER. First machines for a seed company, a simple plot seeder and a laboratory thresher

1960



Still in the 1950s, WINTERSTEIGER develops the first plot seeders and the world's first plot combine produced in series, and exports them to over 60 countries around the world

1976



WINTERSTEIGER builds large machine series for agricultural field trials (165 combines for USSR)

1983



WINTERSTEIGER receives a world wide patent for the precision spaced planter

1990



Start of the cooperation with Juniper Systems (HarvestMaster) for mobile collection of all harvest data

1999



Integration of company HEGE Germany

2002



Launch of the Split dual plot combine

2004



Launch of the Delta plot combine

2007



Implementation of the new Corporate Design (uniform colour and styling)

2009



Plot seeders are equipped with GPS technology

2010



Launch of the powerful precision spaced planter Dynamic Disc

2012



Launch of the new harvesting software Easy Harvest

2016



Presentation of the Quantum plot combine

2018



Presentation of the Classic Plus plot combine

Full range for plot harvest.

- Mix-free harvest
- High performance – best cleaning
- Electronic weight and data recording

Plot combine.



Split

Plot combine specially developed for harvesting two plots in a single pass.



Delta

Plot combine for yield trials, variety trials and small seed multiplication, also for harvesting corn plots.



Quantum

Plot combine in the mid-range performance segment to meet the increasingly demanding challenges of state-of-the-art field research, from nursery to yield trial plots.



Classic Plus

Plot combine for mix-free harvest of nursery trials to small seed multiplication.

Plot combine for seed increases.



Alpha

Plot combine for seed increases and large-scale plots.

Stationary thresher.



Classic ST

Stationary thresher for all machine threshable crops.

Plot divider. Swather.



Crop Spider

Plot divider and swather for gentle and efficient separating of plots.



Over 65 years of experience and more than 3,000 sold plot combines are an impressive proof of WINTERSTEIGER's competence.

Other harvesters.



Cibus F
Plot forage harvester.



Cibus S
Plot harvester for silage maize, energy crops and forage.



Cibus TRM
Tractor mounted plot harvester for silage maize and energy crops.

Full range for precision planting.

- Highest performance
- Best accuracy
- Many options

Single row seeders.



Rowseed XXL

Heavy tractor-mounted single row seeder for direct sowing of single ears and plots.



Rowseed XL

Heavy tractor-mounted single row seeder for drill sowing of single ears and plots.



Rowseed S

Light, tractor mounted single row seeder.



Rowseed TC

Self propelled single row seeder for sowing of seeds from single ears.



Rowseed 1 R

Hand-pushed single row seeder.

Precision spaced planters.



Dynamic Disc Plus

High-performance, tractor-mounted precision spaced planter.



Monoseed B/GP/DT

Tractor mounted precision spaced planter.



Monoseed TC

Self propelled precision spaced planter.



Plot seeders.



Plotseed XXL

Heavy tractor mounted plot seeder for direct sowing.



Plotseed XL

Heavy, tractor mounted plot seeder.



Plotseed S

Light, tractor mounted plot seeder.

Self-propelled unit.



Plotseed TC

Self propelled plot seeder.



Tool Carrier

Self-propelled unit for planting, applying fertilizer and crop protection to tilling of field trials.

Plot tractor.



Kubota

Plot tractor for front and rear mounting of seeders and other 3-point equipment.

Full range for laboratory equipment.



LD 350

Stationary thresher for single plants, bundles and small plots.



LD 180

Laboratory thresher for cereals, peas and small-grained seed.



Hege 16

Laboratory thresher for cereals, rice, peas and small-grained seed.



LS 230

Laboratory corn sheller for the gentle, complete shelling of corn.



Hege 11

Liquid seed dresser for small quantities of seed (20 – 3000 g).



Hege 14

Liquid seed dresser for larger quantities of seed (up to 15 kg).



Hege 12

Liquid seed dresser for seed in magazines.



Hege 44

Laboratory chopper for forage research plots, e.g. of all types of clover and grass, alfalfa and other forage plants.



Hege 6

Sample divider for filling seed into bags or bowls.



Hege 7

Sample divider for filling seed into magazines.



MLN

Sample cleaner for all types of seed.



SLN

Sample cleaner and sample sorter.



Seed Count & Fill S-60+

Seed counting and filling automate with highest speed and precision.



Seed Count R-25+

Seed counter designed for seed research with highest speed, precision and flexibility.



Seed Count S-JR

Seed counter with highest speed and precision.

Full range for fertilization and plant protection.



Plotspreader

Tractor mounted, cone type plot fertilizer distributor.



Hege 34

Tractor mounted, hopper type plot fertilizer distributor.



Hege 30

Tractor mounted field spray attachment for applying liquid preparations such as pesticides and liquid fertilizer.

Winning the race for the future with innovative technologies.

WINTERSTEIGER's pro-active corporate strategy is also demonstrated in its ability to identify and react to changes which will decide its success in the future. It is for this reason that we have formulated clear definitions of the objectives which all WINTERSTEIGER products must meet:

- The longevity and ruggedness of the machines has been and will continue to be increased in the future as demand and usage increases
- Products must make a significant contribution towards reducing the working time and costs per plot. This is very important as economic rationalization processes will become even more dynamic
- The level of automation for standard operations will also increase in future
- Constant simplifications in operation also make exceptionally powerful machines even more user-friendly

Quantum – The new benchmark in field research equipment.

The Quantum is the new plot combine in the mid-range performance segment developed by WINTERSTEIGER to meet the increasingly demanding challenges of state-of-the-art field research, from nursery to yield trial plots.

Featuring a modular design, the Quantum comes with many innovative solutions, such as the patented airfoil separator for fast and gentle seed transport. The combine sets new benchmarks in terms of throughput, user-friendliness and seed handling, all to your benefit.



■ Powerful machine for breeding and crop variety trials

■ Maximum operating efficiency

- OptiFlow cereals header and high-performance threshing unit for optimized material flow
- Perfect cleaning system thanks to an axial fan with optimal air flow
- Maximum level of sample purity thanks to patented post-cleaning
- Long range thanks to low fuel consumption and large tank volume
- Sturdy construction and low maintenance costs

■ Stress-free working thanks to an advanced operating concept

- Optimal layout and low noise level in the cabin
- Top ergonomics for stress-free working for the driver and operator
- Intuitive driver assistance system with fully automatic sequence control

■ High-performance crop logistics

- Minimal cycle times
- Flexible and high-performance sample definition
- Integrated and optimally located sampling and bagging system

■ Precise data collection technologies

- High-performance Harvestmaster® weighing systems
- Integrated NIRS data collection

■ Well suited for multiple crops

- Exchange of header and concave within a few minutes
- Center row threshing ability starting at spacing of 52 cm between rows of corn or 125 cm for grain
- Sieves and straw walker grates can be exchanged



OptiFlow header



Cabin



Integrated sampling and bagging system

Easy Harvest harvesting software.

Besides being convenient and easy to use, the WINTERSTEIGER harvesting software Easy Harvest offers the main advantages of high operational reliability and the capability of harvesting several trials in a field in a single operation.

- Simple creation of field plans at the level of trial and field arrangements
- Parameters are easy to adjust
- Designing and printing labels
- Fast data import and export using .csv files (Excel)
- Visualization and ability to manually control the processes



Adding a field



Harvesting a field

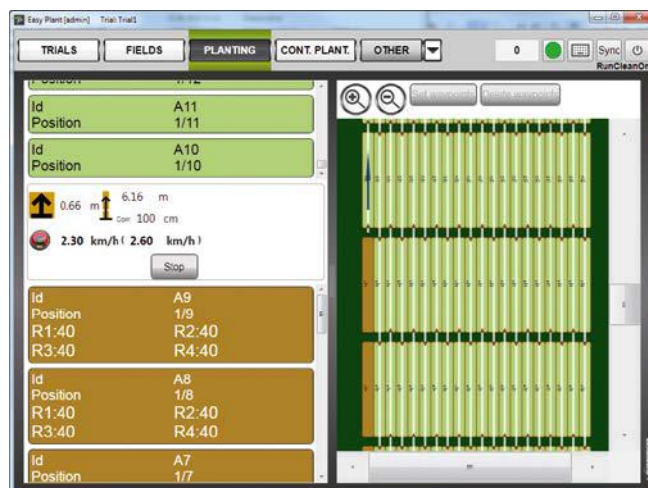
Easy Plant planting software.

Easy Plant is used in the precision spaced planter Dynamic Disc, making it simple to plan and carry out your planting. Easy Plant offers one particular advantage: The entire creation of field maps can be done during the months before the planting. This includes both simple trial arrangements and the planning of the seeding rate per plot.

- Simple creation of field maps and trial arrangements prior to planting
- Clear menu navigation and intuitive operation in various languages
- Integrated barcode scanner (optional)
- Simple import and export of data
- Data protection through additional backup file (e.g. USB stick)



Create a trial



Sowing

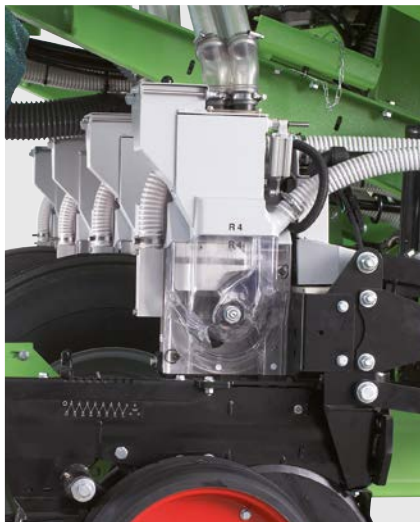
Seed metering unit with slotted disk system.

A reliable high-speed seed metering unit, equipped with specially designed radial and spiral slotted disks, ensures the utmost in precision even at high planting speeds. The seed metering unit guarantees a very high degree of accuracy at high planting speeds, independent of seed size, shape and weight.

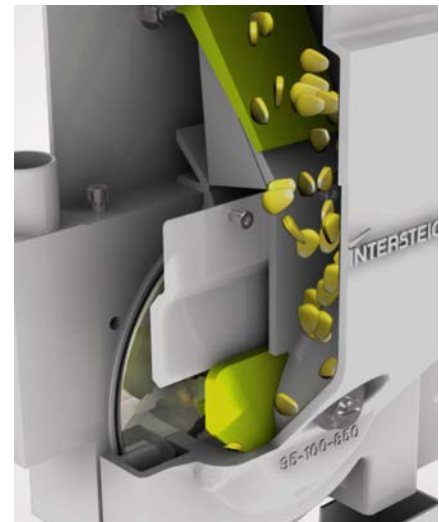
A turning gate in the seed metering unit separates seed from two successive plots, thus preventing any carry-over even at very high speeds.



The radial slotted disk and, behind it, the spiral slotted disk



The transparent cover of the seed metering unit allows an optimum view



The turning seed chamber in the seed metering unit of the Dynamic Disc

GPS Technology.

WINTERSTEIGER gives you the option of fitting state-of-art GPS technology to any planter. WINTERSTEIGER cooperates with experienced partners in this field. Together, we have developed a system that supports your field work easily and reliably.



Leading quality knows no bounds.

Quality promises only have any value if they are also kept. So it is all the more demanding to give this assurance with every single product. This is precisely what WINTERSTEIGER does. This is made possible by a quality assurance concept that is as comprehensive as it is uncompromising:

- WINTERSTEIGER employs specially qualified staff just for the quality acceptance test of each produced machine in our dedicated test centre
- Functional tests are carried out over several hours for each machine under specific conditions
- Test records for documentation of the results are issued for every test
- A continuous improvement process guarantees constant optimisation of the production quality



WINTERSTEIGER After Sales Service.

The delivery is just the start of our service.

The best time to evaluate the quality of an investment is several years after delivery. That is why WINTERSTEIGER has set up a worldwide After Sales Service.

Commissioning and training.

WINTERSTEIGER ensures both with its experts worldwide and of course on site.

Proactive maintenance.

Maintenance and preventive exchange of pre-defined parts subject to wear and tear at preset times eliminate problems before they arise. For example, during our customers' annual holiday to keep maintenance costs as low as possible.

On-call-help-desk.

This service underlines our high claims for service for our partners worldwide. It ensures first class support even outside our own hours of business.

State of the art warehousing logistics.

We guarantee our customers enormously fast availability of thousands of spare parts and components by implementing an automatic warehousing system.

Strong customer service with pool technicians.

A large team of longstanding service technicians with excellent qualifications is responsible for fast, nation-wide coverage of:

- Set up and training
- Preventive maintenance
- Conversions and modifications
- Troubleshooting and repairs
- Rapid supply of replacement parts

WINTERSTEIGER put together this customer service team using the pool technician format. This means that every member is both an assembly technician and a customer service technician. The advantage: Empirical values that are gained in practical application through contact with the customer can then be incorporated directly into production.

Advice services.

- Advice from experts on technical equipment for research facilities
- Participation at international seed breeding symposia
- Arranging contacts with experts
- Advice from agricultural consultants in the definition and implementation of projects and technology transfer



Intensive guidance and training courses.

WINTERSTEIGER regularly holds guidance and training courses for servicing staff, either directly on site, in our original building in Austria or one of our agencies around the world. They are the basis for perfect mastery of the machines and an uninterrupted harvest. This helps avoid down time and saves costs. Both WINTERSTEIGER service engineers and the service engineers from our agencies receive ongoing training and product information about new developments.

Customers who rely on WINTERSTEIGER.

“With Australia’s largest field plot program, AGT has for many years relied on WINTERSTEIGER products to achieve optimum harvest quality, and therefore superior breeding outcomes. Given the quality of the products and the high level of after sales service and support, we envisage continuing our association with WINTERSTEIGER for many years to come.”

Phil Keatley, Infrastructure Manager
Australian Grain Technologies Pty Ltd,
Roseworthy, South Australia



“Thanks to the excellent performance and reliability of the WINTERSTEIGER machines, we are able to handle our wide-ranging experiments quickly and efficiently and with outstanding quality.”

Dr. Joachim Winkler,
General Manager BioChem agrar GmbH,
Gerichshain, Germany



“Norway has harsh weather conditions also in the growing season, which require robust and dependable experimental machinery. Graminor has since early seventies very successfully relied on experimental machinery from WINTERSTEIGER. We are grateful to them for good cooperation over many years and looking forward to further collaboration.”

Magne Gullord, Managing Director
Graminor, Hamar, Norway



“Our selection for the WINTERSTEIGER company was based on several reasons: the high experience in agricultural machineries, the precision of the equipments for experimental fields, the well known brand and the reputation of your company in the world.”

Antonia Invascu, Managing Director
State Institute for Varieties Testing and
Registration, Bucharest, Romania



„As a National Variety Office we appreciate very much our cooperation with WINTERSTEIGER in the field of supplying of high-quality equipment which is used regularly in our experimental work in Poland.“

Prof. Dr. Edward S. Gacek, General Director
Research Centre for Cultivar Testing,
Ślupia Wielka, Poland



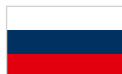
“We have been very impressed by how well the Monoseed B has worked in adverse conditions.”

Paul Hurst, Plant Breeder
Syngenta Seeds, Whittlesford/Cambridge,
Great Britain



„Our institute uses all types of WINTERSTEIGER equipment from liquid seed treater Hege 11 to the plot combines Classic, Delta and Quantum. Our experience has shown that WINTERSTEIGER provides the best equipment for field trials and also the best service support among other companies on the market.“

Prof. Dr. Alexander Romanenko,
Director of Krasnodar State Agricultural
Institute, Krasnodar, Russia



“As a leading European service provider in field experimentation, we have made the long-term decision to cooperate with WINTERSTEIGER. The reasons for this are the high quality of its products, the easy transportability of machines and the rapid response times for customer service and the delivery of spare parts. Along with 14 plot combines and 15 plot seeders, we recently extended our fleet with a Delta plot combine.”

Yves Bonnavé, Head of Purchasing
Staphyt, Inchy en Artois, France



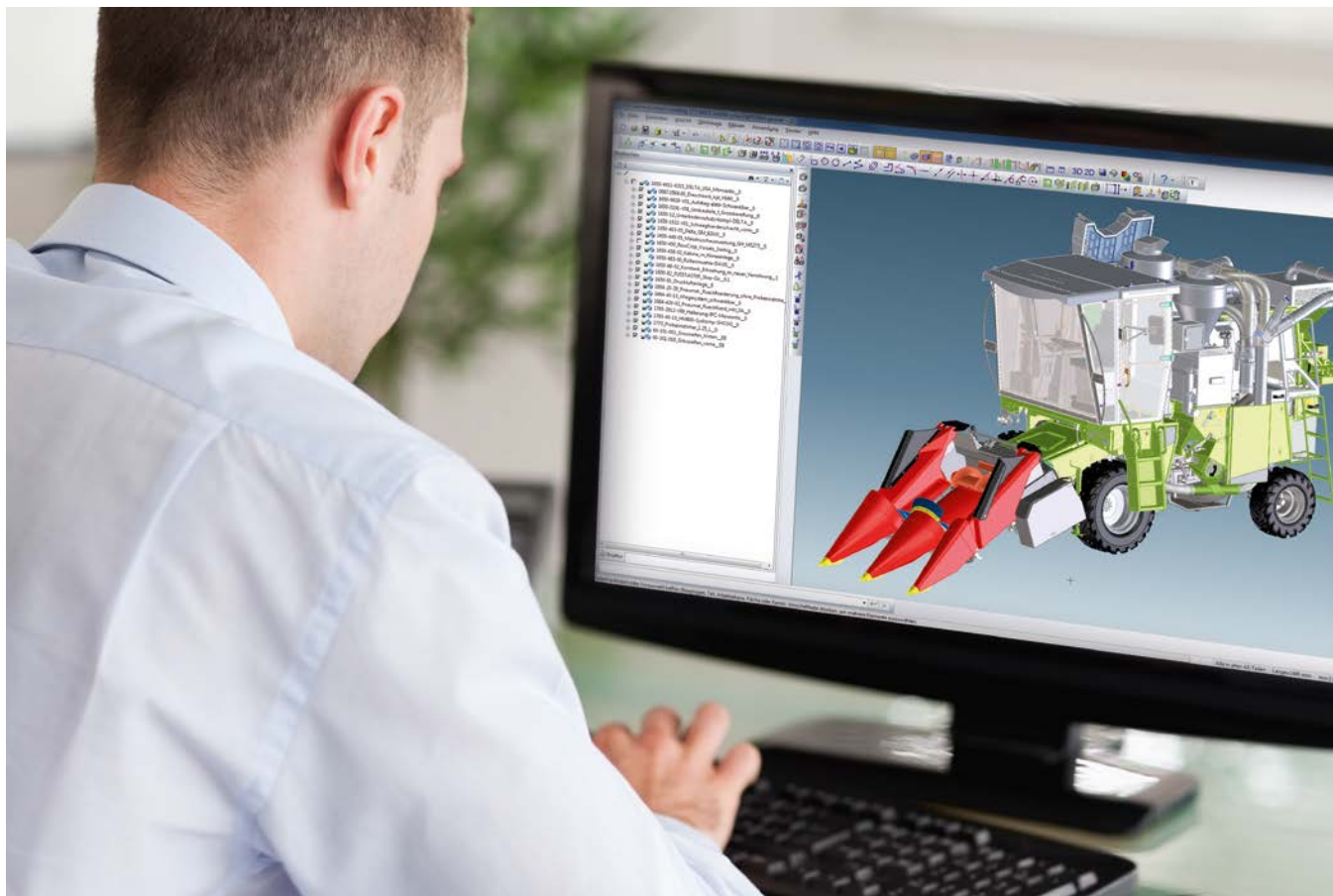
WINTERSTEIGER is partner of the following international companies:



Please contact us for detailed regional references.

WINTERSTEIGER continues to develop on a daily basis.

Yearly WINTERSTEIGER invests more than 8 % of its turnover in research and development. Only with consistent development it is possible to secure a lasting success for our customers.



WINTERSTEIGER remains in constant close contact with leading Universities and research institutes across the globe. The results of this close cooperation flows into the development of our products. Many of these as patents, which are a mirrored image of our outstanding engineering achievements. We also give constant consideration to our customers' ideas when developing new products.

High manufacturing quality at WINTERSTEIGER starts by using state of the art CAD systems for the production drawings. We ensure the required skills by dividing up our project teams.

Additional measures contributing to high production quality:

- Fully automated production process
- Laser cutting machines and welding robots
- Continuous production process of all manufacturing steps
- Assembly lines
- 3-shift operation
- Documentation of the design drawing ensures long-term supply of spare parts



Apprenticeships – a valuable investment in the future.

Approximately 70 apprentices at WINTERSTEIGER are in constant training. Specially trained and internationally experienced apprentice trainers support and accompany our apprentices, making WINTERSTEIGER a well desired employer.

Reason enough to continue in this development intensive and training orientated direction and build on it in the future.

**Investment in research,
development and the
training of employees are
the basis of our success.**

WINTERSTEIGER. A Global Player.

WINTERSTEIGER AG is an international machinery and plant engineering group. Founded in 1953, it has gradually established itself as a leading provider of innovative solutions for customers in technically sophisticated niche markets. The business fields of the company consist of:

■ SEEDMECH

- Turnkey solutions for plant breeding and research

■ SPORTS

- One-stop supplier for ski and snowboard rental and servicing
- Systems for hygienic drying of sports goods and work clothes
- Fit-optimizing solutions and individual sports shoe adjustments

■ WOODTECH

- Process solutions for precision thin-cutting, wood repairs and cosmetics
- Saw blades for wood, food, and metal
- Machines for mobile and stationary sawmills

■ METALS

- Levelling technology machines and systems

■ AUTOMATION

- Plants and automation solutions for industrial manufacturing companies



Headquarters at Ried im Innkreis, Upper Austria

- 15 group companies
- Approx. 60 representatives
- Sales to 130 countries
- Around 90 % export share
- Global market leader in
**SEEDMECH, SPORTS
and WOODTECH**

The WINTERSTEIGER Group.



Success begins with the right decisions.
At the right time. We look forward to you!



WINTERSTEIGER Worldwide No.1
in field research equipment.

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