



**Cibus**  
Plot harvester for silage maize  
and energy crops



## Intelligent machines for global challenges.

WINTERSTEIGER has established itself at the top of a niche market which will continue to gain significance in future. Agronomists and plant breeders today face the challenge of introducing new developments to make a decisive contribution towards sustainable food and energy supplies for the world.

WINTERSTEIGER supplies the technology needed to do this. The Cibus plot harvester fulfills all the requirements for harvesting forage, silage maize and energy crops. This ensures optimum conditions for research, breeding, and testing of field crops including specialty crops at the highest level.

Read the following pages to discover in detail what the global market leader offers you.



<b>Contents:</b>	
<b>Cibus F</b>	<b>4</b>
Plot forage harvester	
<b>Cibus S</b>	<b>10</b>
Plot harvester for silage maize, energy plants and forage	
<b>Cibus TRM</b>	<b>16</b>
Tractor mounted plot harvester for silage maize and energy plants	
<b>Mobile data collection</b>	<b>20</b>
for Cibus F, Cibus S and Cibus TRM	
<b>After Sales Service</b>	<b>24</b>
<b>WINTERSTEIGER SEEDMECH</b>	<b>25</b>
<b>WINTERSTEIGER Worldwide</b>	<b>27</b>



## Cibus F

Plot forage harvester.

### Modular flexibility for trouble-free operations.

The Cibus F plot forage harvester has all the technical features required for harvesting grass, clover and other forage crops.

The machine's modular design supports precise customization to reflect harvesting conditions and requirements. Its dimensions and low weight give the machine excellent maneuverability between the plots and make the machine easy to transport.



### Your benefits summed up:

- Best harvesting performance, mix-free harvested material thanks to conveyor feeder with two rotating brushes
- Cutting tables with various cutting widths make the machine universally deployable
- Easy operation thanks to hydraulic steering, hydrostatic drive train, and a multifunction lever for all driving and harvesting functions
- Mobile data collection and sampling systems support efficient harvest with convenient controls and excellent precision
- The harvested material can be discharged either to the left or right, or to the ground at the rear



## Basic machine for peak performance.

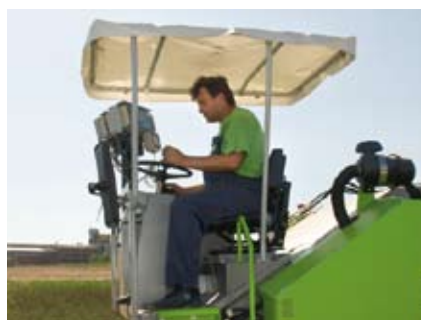
The Cibus F is equipped with a water cooled VW diesel engine with 35 kW (47 HP). The machine has a hydrostatic drive train system with powerful wheel hub motors. Speed range forward/backward 0 - 15 km/h (0 - 9.3 mph). Generously dimensioned drive and steering wheels guarantee best traction without damaging the sward. The Cibus F's track width is adjustable between 125 and 150 cm (49" and 59"). Four-wheel drive with wheel hub motors can be enabled from the driver's seat. The maximum speed in four-wheel drive mode is 8 km/h (5 mph). The track width is fixed at 150 cm (59") for four-wheel drive.

### Accessories and options:

- Lighting system for road driving
- Lighting system for night work
- Sunroof
- Roll-over bar
- Stop&Go pedal

## Excellent visibility from the cockpit.

The Cibus F cockpit convinces owners with a number of benefits, but in particular due to the clear-cut layout of the control panel, easy and simple operation and a highly adjustable driver's seat. On top of this the cockpit gives the driver a perfect view of all the machine's functional areas.



Cockpit



Control panel

### A multifunction lever puts all the machine's driving and harvesting controls in your hand:

- Driving operations forward/backward stepless
- Raising/lowering the cutting table
- Raising/lowering the reel
- Emptying the weighing bucket

An optional Stop&Go foot pedal lets you drive and stop the machine without changing the position of the multifunction lever.



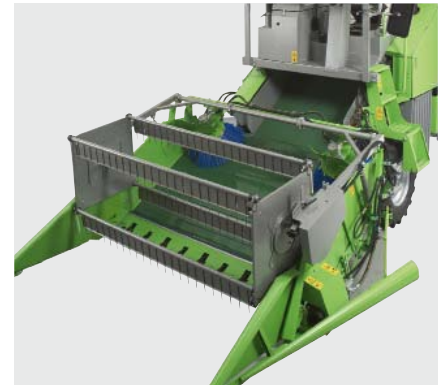
Multifunction lever



## New cutting table technology for efficient harvesting.

The advantages of the cutting table are, on the one hand, perfect adaptability to suit different harvesting conditions. A large selection of accessories makes this possible. On the other hand, the clear-cut layout is a convincing feature that allows for a perfect

view of the harvesting process. The state-of-art cutting table design using a conveyor belt with transport rails along with rotating brushes on both sides guarantees steady feeding and trouble-free, efficient harvesting.



Cutting table

### The cutting table has the following characteristics:

- Cutting widths: 125 cm, 150 cm, 200 cm (49", 59", 79")
- Excellent cutting performance thanks to hydraulically driven double knife with adjustable knife speed
- Double knife cutter bar, reel and conveyor belts are hydraulically driven and thus guarantee easy adjustment
- Cutting skids guarantee an even cutting height
- The emergency stop button for the cutting table, reel and conveyor belt prevent the intake of foreign objects

## Smart and easy sampling.

The hydraulically driven sample chopping unit is equipped with 21 rotating flail blades to support removal of approx. 10 - 15 % of the harvested material cut at a length of approx. 50 mm (2"). An operator platform with seat guarantees simple and easy sampling. The use of flail blades guarantees sampling with minimal moisture discharge. The conveyor belt ensures jam-free and mixing free transport of the sample. The sample can optionally be weighed.



Sampling

# Cibus F

## Figures. Data. Facts.

### Technical data

Basic machine					
<b>VW diesel engine</b>	35 kW (47 HP), water cooled, 4 cylinder, 1900 ccm				
<b>Tank capacity</b>	45 l with fill-level indicator				
Drive train and tires					
<b>Hydrostatic drive train</b>	0 - 16 km/h (0 - 10 mph), infinitely adjustable				
<b>Steering</b>	Hydraulic				
<b>Brakes</b>	Hydraulic parking brake				
Tires	Front		Rear		
	11.5/80 x 15.3	10.0/75 x 15.3	7.00/85-10	200/60-14.5	26 x12.00-12 four-wheel
<b>Tire width mm (in)</b>	290 (11.5)	250 (9.8)	186 (7.3)	210 (8.3)	312 (12.3)
<b>Track width mm (in)</b>	1500 (59)	1250 - 1500 (49 - 59)	1250 - 1500 (49 - 59)	1250 - 1500 (49 - 59)	1500 (59)
<b>External wheel width mm (in)</b>	1800 (71)	1840 (73) for 1500 (59) track	1676 (66) for 1500 (59) track	1450 (57) for 1500 (59) track	1810 (72)
<b>Wheel base mm (in)</b>	2000 (79)				
Cutting table and accessories					
<b>Cutting table widths</b>	1250, 1500 and 2000 mm (49", 59" and 79")				
<b>Cut height</b>	35 - 600 mm (1.5" - 24")				
<b>Cutting knife</b>	Double knife with stepless speed adjustment				
<b>Header unit</b>	Conveyor belt with 2 rotating brushes				
<b>Reel</b>	4-part, hydraulically driven and infinitely adjustable between 0 - 78 rpm				
<b>Option</b>	Outer divider				
Weighing system					
<b>Harvest data systems</b>	DK 800 (display incl. printout of weighing results) Harvestmaster HM800 (display incl. printout and storage of weighing results)				
<b>Weigh bucket content</b>	1200 l				
<b>Weigh bucket emptying</b>	To left and right, or back				
Options					
	Differential lock at front or front/rear, four wheel drive, sunroof, roll-over bar, lighting system				
Dimensions					
<b>Dimensions</b>	Length: 4450 mm (175") Width: 1800 mm (71") (depending on cut width) Height: 2200 mm (87")				
<b>Weight</b>	From 2000 kg (4400 lbs)				

We reserve the right to make technical alterations.







Efficient harvesting  
with the Cibus F plot  
harvester.



## Cibus S

Plot harvester for silage maize, energy crops and forage.

### The modular harvester for all conditions.

The Cibus S plot harvester is specially designed for harvesting silage maize, other energy crops, and forage. Its flexible modular system makes it adjustable to accommodate any kind of harvesting conditions and requirements.

Its compact design gives the machine excellent maneuverability in the plot and make the machine easy to transport.



### Your benefits summed up:

- Best harvesting performance and guaranteed mix-free harvested material thanks to the powerful and row-independent chopper
- The ability to fit a cutting table makes the machine useful for forage trials
- Mobile data collection and sampling systems support efficient harvest with convenient controls and excellent precision
- The harvested material can be discharged either to the left or right, or to the ground at the rear
- Easy operation thanks to hydraulic steering, hydrostatic drive train, and a multifunction lever for all driving and harvesting functions



## Robust basic machine for reliable results.

The Cibus S is powered by an air-cooled DEUTZ turbo diesel engine with 58 kW (78 HP). The machine has a hydrostatic drive train system with powerful wheel hub motors. Speed ranges: forward/reverse 0 - 15 km/h (0 - 9.3 mph). Generously dimensioned drive and steering wheels guarantee optimum traction. The track width is adjustable between 125 and 150 cm (49" and 59").

Four wheel drive with wheel hub motors can be enabled from the driver's seat. The maximum speed in four-wheel drive mode is 8 km/h (5 mph). The track width is fixed at 150 cm (59") for four-wheel drive.

### Accessories and options:

- Lighting system for road driving
- Lighting system for night work
- Sunroof
- Roll-over bar
- Stop&Go pedal

## Excellent visibility from the cockpit.

The Cibus S cockpit convinces owners with a number of benefits, but in particular due to the clear-cut layout of the control panel, easy and simple operation and a highly adjustable driver's seat. On top of this the cockpit gives the driver a perfect view of all the machine's functional areas.

### A multifunction lever puts all the machine's driving and harvesting controls in your hand:

- Driving operations forward/backward stepless
- Raising/lowering the header
- Emptying the weigh bucket

An optional Stop&Go foot pedal lets you drive and stop the machine without changing the position of the multifunction lever.



Cockpit



Multifunction lever



## Two header versions.

Various headers and matching accessories let you modify the machine to reflect different harvesting conditions. On top of this, the clear-cut layout allows good visibility of the harvesting process. You can fit both the row-independent chopper and the cutting table to the Cibus S.

### Row-independent chopper.

The chopper can be mounted on the Cibus S's front PTO and has the following characteristics:

- Loss-free take-up of the harvested material
- Row-independent and thus extremely versatile
- Precise chopping quality thanks to high-performance feeding and a high-speed blade wheel
- Rotating discharge manifold



Row-independent maize chopper

### Cutting table.

The state-of-art cutting table, which relies on a conveyor belt and along with rotating brushes on both sides guarantees steady feeding and trouble-free, rational harvesting.

- Cutting widths: 125 cm, 150 cm, 200 cm (49", 59", 79")
- Excellent cutting performance thanks to hydraulically driven double knife with adjustable knife speed
- Double knife header, reel and conveyor belts are driven hydraulically and thus guarantee simple adjustment
- Cutting skids guarantee an even cutting height
- The emergency stop device for the cutting table, reel and conveyor belt prevents take-up of foreign bodies



Cutting table

## Sampling with adjustable volume.

### Sampling chopper unit for silage maize and energy crops.

The rotary sample taker allows the operator to remove a part of the chopped harvest. Sampling volumes are adjustable. An operator platform with seat guarantees simple and clear-cut sampling. The sample can optionally be weighed.



Operator platform

### Sampling chopper unit for forage.

The hydraulically driven sample chopping unit is equipped with 21 rotating flail knives to support removal of approx. 10 - 15 % of the harvested material cut at a length of approx. 50 mm (2"). An operator platform with seat guarantees simple and clear-cut sampling. The use of flail knives guarantees sampling with minimal moisture discharge. The conveyor belt ensures jam-free and mixing free transport of the sample. The sample can optionally be weighed.



Sampling



# Cibus S

## Figures. Data. Facts.

### Technical data

Basic machine					
<b>DEUTZ Turbodiesel engine</b>	58 kW (78 HP), air-cooled, 4 cylinder, 2700 ccm				
<b>Tank capacity</b>	45 l with fill-level indicator				
Drive train and tires					
<b>Hydrostatic drive train</b>	0 - 15 km/h (0 - 9.3 mph), infinitely adjustable				
<b>Steering</b>	Hydraulic				
<b>Brakes</b>	Hydraulic parking brake				
<b>Tires</b>	Front		Rear		
	11.5/80 x 15.3	10.0/75 x 15.3	7.00/85-10	200/60-14.5	26 x12.00-12 four-wheel
<b>Tire width mm (in)</b>	290 (11.5)	250 (9.8)	186 (7.3)	210 (8.3)	312 (12.3)
<b>Track width mm (in)</b>	1500 (59)	1250 - 1500 (49 - 59)	1250 - 1500 (49 - 59)	1250 - 1500 (49 - 59)	1500 (59)
<b>External wheel width mm (in)</b>	1800 (71)	1840 (73) for 1500 (59) track	1676 (66) for 1500 (59) track	1450 (57) for 1500 (59) track	1810 (72)
<b>Wheel spacing mm (in)</b>	2000 (79)				
Row independent chopper attachment					
<b>Working width</b>	1250 mm (49")				
<b>Chopping lengths</b>	5 - 30 mm (0.2" - 1.2")				
<b>PTO speed</b>	1000 rpm				
<b>Drive power</b>	75 - 150 PS				
<b>Driving speed</b>	Max. 6.25 mph				
<b>Dimensions (L x W x H)</b>	2800 x 1760 x 3930 mm (110" x 70" x 155") (working position)				
<b>Weight</b>	1100 kg (2425 lbs)				
Cutting table and accessories					
<b>Cutting table widths</b>	1250, 1500 and 2000 mm (49", 59" and 79")				
<b>Cut height</b>	35 - 600 mm (1.5" - 24")				
<b>Cutting knife</b>	Double knife with stepless speed adjustment				
<b>Header unit</b>	Conveyor belt with 2 rotating brushes				
<b>Reel</b>	4-part, hydraulically driven and infinitely adjustable between 0 - 78 rpm				
<b>Option</b>	Outer divider				
Weighing system					
<b>Harvest data systems</b>	DK 800 (display incl. printout of weighing results) Harvestmaster HM800 (display incl. printout and storage of weighing results)				
<b>Weigh bucket content</b>	1200 l				
<b>Weigh bucket emptying</b>	To left and right, or back				
Options					
	Differential lock at front or front/rear, four wheel drive, sunroof, roll-over bar				
Dimensions					
<b>Dimensions</b>	Length: 4450 mm (175") Width: 1800 mm (71") (depending on cut width) Height: 2200 mm (87")				
<b>Weight</b>	From 2200 kg (4850 lbs)				

We reserve the right to make technical alterations.



## Cibus TRM

Tractor mounted plot harvester for silage maize and energy crops.

### Maximum harvesting performance with guaranteed efficiency.

The tractor mounted Cibus TRM has everything you need for efficient harvesting in silage maize and other energy crop trials. A powerful blower transports the chopped harvested material to the rotary sample taker and onward to the weighing bucket. The operator can take a sample and control the weighing system at the operators platform. The harvested material is either dumped on the ground after weighing, or offloaded onto a trailer using an unloading blower.





### Your benefits summed up:

- Best harvesting performance and guaranteed mix-free harvested material thanks to the powerful and row-independent chopper
- Loss-free take-up of the harvested material thanks to the powerful feeder drum and aggressive teething
- Precise chopping quality thanks to high-performance feeding and high-speed blade wheel
- Row-independent and thus versatile deployment for maize, sorghum, sunflowers, miscanthus, rapeseed, or forage
- Hydraulically rotating discharge manifold with integrated cleaning flap
- Mobile data collection and sampling systems support efficient harvest with convenient controls and excellent precision
- The harvested material can be discharged to the ground either to the left rear, or to the right rear side



## Kemper chopper.

The Kemper chopper can be attached to the tractor's PTO. In combination with the tractor attachment frame, this gives you a powerful harvesting unit for silage maize plots and other silage trials.

## 3-point tractor attachment frame Cibus TRM.

The Cibus TRM is designed for mounting on your tractor's 3-point attachment. A conveyor transports the chopped harvested material to the rotary sample taker and onward to the weigh bucket. The operator can take a sample and control the weighing system at the operators platform. The harvested material is either dumped on the ground after weighing, or offloaded onto a trailer using a unloading blower.

## Cibus TRM Figures. Data. Facts.

### Technical data

<b>Harvest data systems</b>	DK 800 (display incl. printout of weighing results) Harvestmaster HM800 (display incl. printout and storage of weighing results)
<b>Sample volume</b>	Adjustable
<b>Content of weighing bucket</b>	1200 l
<b>Harvested material load</b>	Left and back or right and back
<b>Dimensions (L x W x H)</b>	1900 (2600 in working position) x 2200 x 3400 mm (75" (103") x 87" x 134")
<b>Weight</b>	750 kg (1650 lbs)

### Row independent chopper attachment

<b>Working width</b>	1250 mm (49")
<b>Chopping length</b>	5 – 30 mm (0.2" - 1.2")
<b>PTO speed</b>	1000 rpm
<b>Drive power</b>	75 – 150 PS
<b>Driving speed</b>	Max. 10 km/h (6.2 mph)
<b>Dimensions (L x W x H)</b>	2800 x 1760 x 3930 mm (working position) (110" x 69" x 155")
<b>Weight</b>	1100 kg (2425 lbs)

We reserve the right to make technical alterations.

Maximum utilization  
and reliability in any  
situation.



# Mobile collection of all your harvest data.

WINTERSTEIGER also places an emphasis on future-oriented solutions in the field of mobile data collection. Only state of the art systems are used in our harvesting machines. They have been specially developed for agricultural research.

**Automatic harvest data logging takes the following parameters into consideration:**

- Plot weight with maximum precision up to a slope of 10 %
- Moisture content of harvested material by means of near infrared spectroscopy (NIRS)
- Determination of material content by means of NIRS

The weighing bucket is generously dimensioned at 1200 liters thus allowing the user to collect several plots before emptying. The harvested material can be emptied on the ground to the left, to the right or back. A hydraulically



driven conveyor belt is used for emptying. The 360° covers on the weighing bucket make sure that harvested plant components are easily transferred to the bucket and that the weighing process remains unaffected by wind interference.

## Mobile harvest data system Generic Harvest Module™.

This harvest data system is perfect for extremely quick cycle times and in combination with the Field Research Software™ (FRS) for application of field plans, storing measured data, and exporting the resulting data.

**The sequence is as follows during harvesting:**

- The weighing system comprises a weighing bucket, which in turn contains the sensor for weight measurement
- The weighing cycle is actuated manually at the end of the plot by pressing a button
- The harvested material is harvested directly into the weighing bucket
- The data is stored on the PC, e.g. the Allegro™ Field PC, or an industrial PC
- After storing the data, the weigh belt is emptied so that the next plot can be harvested into the empty weighing bucket
- Additionally, the data can be printed out on a mobile field printer, or stored on an additional memory card

Technical data	
<b>Weighing system</b>	
<b>Dimensions (W x D x H)</b>	1200 x 1200 x 1030 mm (47" x 47" x 41")
<b>Capacity</b>	1200 liters / 500 kg (1100 lbs) net weight
<b>Discharge opening</b>	650 x 1200 mm (26" x 47")
<b>Actuator</b>	Hydraulic belt discharge
<b>Measuring accuracy / speed</b>	
<b>Weight</b>	Max. 0.4 %
<b>Nominal speed / cycle time</b>	6 sec. system ready / data recorded
<b>HM Electronics</b>	
<b>Protection class</b>	Water and dust proof to IP67
<b>Operating temperature</b>	-20°C to +50°C
<b>Power supply</b>	9 - 17 V DC
<b>Interface</b>	CAN Bus – 4 wire
<b>Connection</b>	Con X all connectors

We reserve the right to make technical alterations.



Mobile harvest data system Generic Harvest Module™

**Your benefits summed up:**

- Simple layout
- Mechanical slope compensation
- Fast cycle time
- Extremely precise results
- Use of Field Research Software™ (FRS)

## Mobile harvest data system DK 800.

This low-cost solution is the perfect choice if a printout on the field printer is all you need, and if you can do without use of Field Research Software™ (FRS).

### The sequence is as follows during harvesting:

- The weighing system comprises a weighing bucket, which in turn contains the sensor for weight measurement
- The harvested material is harvested directly into the weighing bucket
- The weighing cycle is actuated manually at the end of the plot by pressing a button
- The weight of the harvested material is displayed and printed on the DK800 field printer
- After printing the data, the weigh belt is emptied. You can then immediately harvest the next plot into the weighing bucket



DK 800 data collection system

### Your benefits summed up:

- Precise results
- Entry level variant for measurement plot yield
- Simple mechanics

### Technical data

Weighing system	
Dimensions (W x D x H)	1200 x 1200 x 1030 mm (47" x 47" x 41")
Capacity	1200 liters / 500 kg (1100 lbs) net weight
Discharge opening	650 x 1200 mm (47" x 47" x 41")
Actuator	Hydraulic belt discharge

Measuring accuracy / speed	
Weight	Max. 0.4 %
Nominal speed / cycle time	6 sec. system ready / data recorded

DK 800 Electronics	
Protection class	Water and dust proof to IP67
Operating temperature	-15°C to +55°C
Power supply	10 - 14 V DC

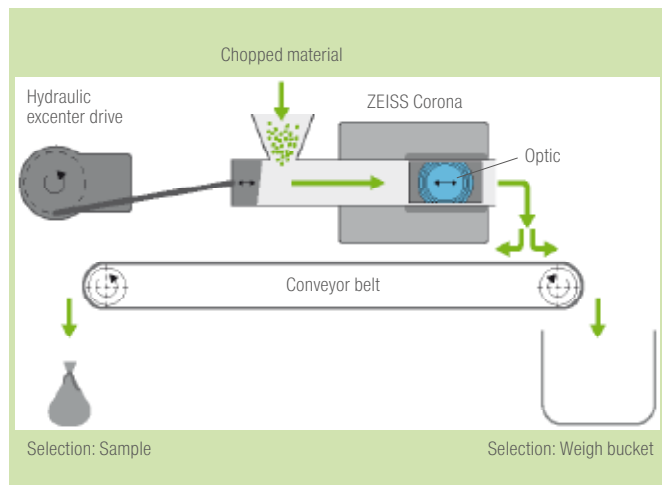
We reserve the right to make technical alterations.

## NIRS analysis.

Near infrared spectroscopy (NIRS) has established itself in agricultural analysis over decades and has been the focus of both theoretical and practical analysis. It can be assumed that the transition from the laboratory to field measurements and thence to online measurements performed directly on the harvester will continue to gain significance. The Cibus can be equipped with a NIRS analysis device for mobile moisture content and quality testing.

### The sequence within the scope of NIRS analysis for the Cibus F is as follows:

- The partial sample is cut using the sample chopping unit
- Following this, the material is compressed and prepared for a definitive NIRS measurement
- The hydraulic excenter drive discharges all the sample material to avoid mixing with the harvested material from other plots
- The sample is either fed into the weigh bucket after measuring or the entire sample is presented for bagging
- The chopped sample is added to the remaining plot weight after performing NIRS measurement



Sequence NIRS Analysis

## Allegro™ MX Field PC.

The Allegro™ MX Field PC was developed to provide a mobile PC for rating data collection, or for deployment harvesters. The PC is resistant to dust, water, and vibrations, and offers the following specifications:

- Safe data storage
- Windows Mobile 6.1
- Integrated Bluetooth Wireless Technology
- IP67 certified (water and dust proof)
- Touch screen display
- Robust, full alphanumeric keyboard with large keys and many function keys
- Easy-to-read color display
- 12 hour mains-free operations
- User-friendly design



Allegro™ MX Field PC

### Technical data

<b>Processor</b>	624Mhz PXA270 Processor
<b>Operating system and software</b>	Windows Mobile® 6 Classic, Microsoft® Office Mobile, various languages
<b>Data memory</b>	128MB RAM, 1 or 2 GB internal memory options, PCMCIA slot, type I or type II 16 bit, MicroSD/SDHC slot
<b>Display options</b>	3.8" (96 mm) color display QVGA (320 x 240), color display easily readable in daylight, monochrome display, heatable display for extreme conditions
<b>Keyboard</b>	Full 62-key alphanumeric keyboard, large keys with assignable functions, function keys, keyboard mounting removable for easy cleaning
<b>Connections</b>	USB Host – A, Mini USB Client – B, Com 1, RS-232C 9-pin subD with 5VDC on DTR pin, 12VDC power supply in, 10-18V non-regulated
<b>Dimensions</b>	256 x 133 x 79 mm (564" x 293" x 174")
<b>Weight</b>	840 g (1.9 lbs)
<b>Environment</b>	IP67 water and dust proof, operating temperature -30°C to 54°C, storage temperature -35°C to 60°C, tested to MIL-STD 810F for water, humidity, sand and dust, vibrations, temperature
<b>Power supply</b>	Rechargeable 4000mAh NiMH battery, running time 10 - 20 hours, fully recharged after 4 hours
<b>Wireless connection</b>	Bluetooth® wireless technology 2.0+EDR, Class 1, function radius 10 meters (394")
<b>Certificates and standards</b>	FCC Class B, CE Mark, EN60950, RoHS compliant
<b>Standard accessories</b>	4000 mAh NiMH battery, styluses pen and mini, power cable, documentation, USB cable, hand holder and shoulder carrying strap, multiple fastening options for retaining belt
<b>Optional accessories</b>	USB charger, 12VDC vehicle charger

We reserve the right to make technical alterations.



## Field Research Software™ (FRS).

Developed in cooperation with plant breeders, FRS is a high-performance software for data collection and processing in field trials. FRS can be used in the field for note taking and on the harvester in combination with our mobile harvesting data systems. Special attention was paid to the user-friendliness of the software. The software runs on Windows XP, Mobile and CE, which will run on any standard PC, and on handheld devices such as the Allegro™. The software is additionally available in various languages.

### First steps with the software.

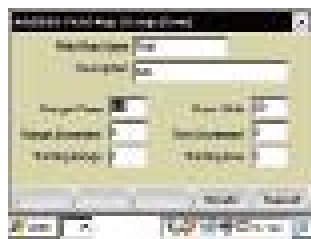
Start by selecting one of the following menu items:

- **Activity:** Choose to launch the note taking or harvesting module
- **Field folder:** Select an existing field plan
- **Property template:** Select the property template, i.e. you can select enterprise-specific characteristics such as e.g. weight, humidity and similar

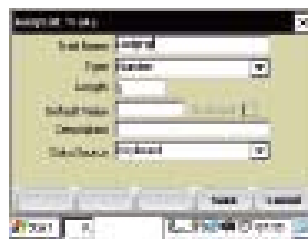


### Preparation.

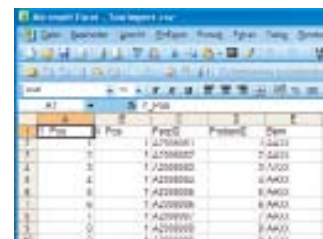
The first step is to create a field plan for the subsequent data collection. You can create the field plan directly in FRS, or easily import a field plan.



You can create your field plan in FRS. To do so, save a field folder under an intuitive name and define the number of plots and rows



Enterprise specific characteristics can be created or imported as needed



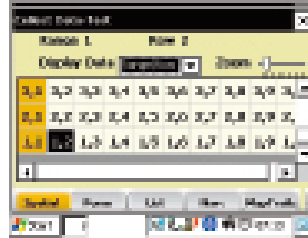
Of course, you can import field plans and previously defined characteristics

### Data collection in note taking mode.

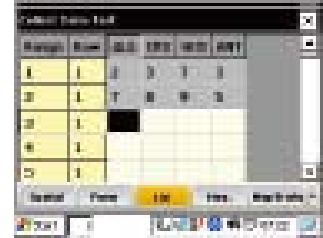
The FRS note taking module is used to record observations in field trial plots.



Start by defining field navigation, that is, the move direction or shape



You can now record the values for the previously defined characteristics directly in the field plan. A visualization helps you identify plots that you have already recorded (orange) and those that you are currently logging (black)

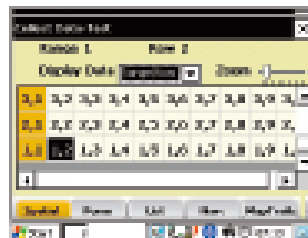


### Data collection in the harvest mode.

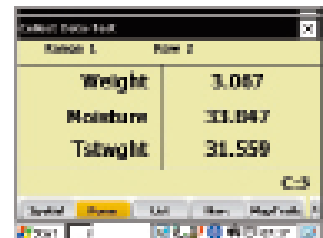
The FRS harvesting module is used to store measuring results in the field plan.



Start by defining field navigation, that is, the move direction or shape



After each measurement the selected properties are recorded in the field plan. A visualization helps you identify plots that you have already recorded (orange) and those that you are currently logging (black)



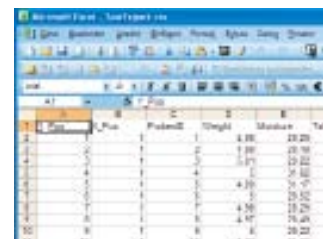
### Data export.

After collection, the data can be exported in CSV file format for ongoing processing. CSV is a neutral text format which can be read by any text editor.

The data formats are compatible with the following programs:

- Prism – Central Software Solutions

- Agrobase – Agronomix Software, Inc.
- ARM – Gylling Data Management Inc.
- PIAF



# 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 pre-set 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.

## **Strong customer service team**

A large team of extremely well trained service staff provides comprehensive care for:

- Installation and commissioning
- Training
- Preventive maintenance
- Conversions
- Modifications
- Clearing faults
- Repairs
- Support
- Rapid supply of replacement parts

## **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.



# Those who sow also harvest with WINTERSTEIGER.

**WINTERSTEIGER has positioned itself at the peak of a niche, which will become more critical in the future. Today, agricultural field research is challenged with providing significant contributions for a lasting food and energy supply to the world through new developments. WINTERSTEIGER provides the necessary technology.**

Uniquely designed products offer a range, which covers the entire cycle of field research from the sowing to the harvesting:

## ■ Sowing

Precision spaced planters, plot drills, single row planters and plot tractors for the front and rear planting with seed machines

## ■ Fertilization and plant protection

Fertilizer distributors, field sprayer and hand-pushed plot sprayer

## ■ Data collection

Field PC's for mobile data acquisition

## ■ Harvesting

Plot combines, stationary combines and forage harvester

## ■ Laboratory analysis

Laboratory thresher, laboratory corn sheller, seed dresser, sample chopper and sample divider



Plot combine Split



Plot drill Plotseed S



Plot combine Delta



Laboratory thresher LD 350

As complete provider in agricultural testing, WINTERSTEIGER proves itself as strong partner for customers in various fields:

- Agricultural Universities and research centres
- Agricultural ministries and their departments for plant breeding
- National and international institutes for development projects

- National and international companies that research in the field of plant breeding
- Service companies that test for research companies

Precious seed deserves a careful harvest.



# WINTERSTEIGER. A Global Player. Worldwide.

**WINTERSTEIGER is the world market leader in its three divisions SPORTS, SEEDMECH and WOODTECH. Our success is based on customer proximity which we enjoy due to a globally-structured, tightly-knit sales and service network and sophisticated and future-oriented planning. In this we are guided by the following principles:**

■ According to the „**Progress Principle**“ we are consistently extending our lead with targeted investments in research and development.

■ By the „**Quality and Productivity Principle**“ we mean both computer-assisted planning and design, which result directly in fully automated production processes, as well as strict quality assurance management, which ensures continuous control from design to after-sales service.

■ We meet the „**Qualification Principle**“ with optimally trained employees. Continuous professional development is an essential part of our strategy.

■ On one hand we see the „**Sustainability Principle**“ as our permanent contribution to long-term success, while on the other it represents a clear commitment to conserving natural resources.

## The result:

- 15 subsidiaries
- 60 representatives worldwide
- Sales distribution in 130 countries
- 85 % export share
- World market leader in all three divisions

### Division SPORTS

Total solutions for rental and servicing of skis and snowboards.



### Division SEEDMECH

Total solutions for agricultural field experiments.



### Division WOODTECH

Total solutions for precise thin-cutting of wood.



Headquarters located in Ried im Innkreis, Upper Austria

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



**WINTERSTEIGER**  
Thinking about tomorrow.

#### Headquarters:

**Austria:** WINTERSTEIGER AG, 4910 Ried, Austria,  
Dimmelstrasse 9, Tel.: +43 7752 919-0, Fax: +43 7752 919-57,  
seedmech@wintersteiger.at

#### International Companies:

**Brazil:** WINTERSTEIGER SOUTH AMERICA COMERCIO DE  
MAQUINAS LTDA, Av. Sete de Setembro 4884, conj. 203 e 204,  
Batel, CEP: 80240-000, Curitiba - PR, Brasil,  
Tel. / Fax: +55 41 3343 6853, office@wintersteiger.com.br

**China:** WINTERSTEIGER China Co. Ltd., 9/F New Poly Plaza,  
No.1 Chaoyangmen North Ave, Dongcheng District, 100010 Beijing,  
China, Tel.: +86 10 8419 3334, Fax: +86 10 8419 3399,  
office@wintersteiger.com.cn

**France:** SKID WINTERSTEIGER, 93 Avenue de la Paix,  
F-41700 Contres, Tel.: +33 254 790 633, Fax: +33 254 790 744,  
palphonse.wintersteiger@wanadoo.fr

**Germany:** WINTERSTEIGER AG, Subsidiary Germany,  
D-94535 Eging am See, Kollmering 10, Tel.: +49 8544 974-634,  
Fax: +49 8544 974-640, seedmech@wintersteiger.at

**Italy:** WINTERSTEIGER Italia s.r.l., Strada Ninz 82,  
I-39030 La Villa in Badia (BZ), Tel.: +39 0471 844 186,  
Fax: +39 0471 844 179, info@wintersteiger.it

**Russia:** OOO „WINTERSTEIGER“, Business Center „ACADEMY“,  
Office 319, Krzhizhanovsky str. 14, build. 3, 117218 Moscow,  
Tel.: +7 495 645 84 91, Fax: +7 495 645 84 92,  
office@wintersteiger.ru

**USA:** WINTERSTEIGER Inc., 4705 Amelia Earhart Drive,  
Salt Lake City, UT 84116-2876, Tel.: +1 801 355 6550,  
Fax: +1 801 355 6541, mailbox@wintersteiger.com

#### Representations:

**Argentina:** Rosario, **Australia:** Adelaide, **Bulgaria:** Haskovo, **Colombia:** Bogotá, **Croatia:** Pozega, **Czech Republic:** Litomysl, **Egypt:** Cairo, **Great Britain:** Essex,  
**Greece:** Athens, **Hungary:** Jászboldogháza, **India:** Again Delhi, **Iran:** Teheran, **Japan:** Tokyo, **Kazakhstan:** Almaty, **Korea:** Seoul, **Mexico / Venezuela:** Mexico City,  
**Morocco:** Casablanca, **Paraguay:** Asuncion, **Poland:** Poznan, **Portugal:** Lisbon, **Slovakia:** Bratislava, **Spain:** Zaragoza, **Syria:** Damascus, **Netherlands:** Etten Leur,  
**Tunisia:** Tunis, **Turkey:** Ankara, **Ukraine:** Kiev, **Uruguay:** Montevideo