



**AMAZONE**

Cirrus Activ

# Cirrus Activ



# The right sowing technology for any range of operation

The foundations for consistently high yields are laid during the sowing operation and so implements that are optimally matched to the relevant farm size and structure are the most important guarantor for a profitable and efficient operation.

With the Cirrus series AMAZONE offers a superior concept where soil tillage and sowing technology are perfectly coordinated to ensure the best results from following the maxim **"Sow well, harvest well"**.

## Cirrus 6001 Activ – the professional solution to the highest demands

Within the AMAZONE large area seed drill programme, the Cirrus Activ packs a real punch. The Cirrus Activ features a PTO driven soil tillage system and thus fulfils the highest demands on efficiency and flexibility.

The 6m wide machine is ideally suited for operation on larger farms with changeable soil conditions and for contractors in arable farming regions. Instead of the twin-row disc harrow present in the front of the other Cirrus family members, a rotary cultivator provides the seedbed preparation on the Cirrus Activ, ensuring the optimum match to changing soil types both following the plough or when mulch sowing.

Thanks to the ingenious high-performance technology the new Cirrus 6001 Activ sowing combination masters the most arduous of field conditions.

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# Cirrus Super, Cirrus Special, Cirrus Activ – the competent family

The Cirrus 6001 Activ features all the normal advantages of the Cirrus series: front seed tank, targeted strip-wise reconsolidation of the soil ahead of the

coulters via wedge ring tyres, the integrated running gear and RoTeC<sup>+</sup> disc coulters designed for high sowing speeds.

## The Cirrus series in one view – The right sowing technology for any operation

### Criterion of operation

#### Cirrus Active

- larger arable farms
- contractors in arable farming regions
- high sowing speeds with active technology
- changeable soil types
- difficult field conditions

#### Cirrus Super

- conservation arable farming systems
- high yield areas
- borderline areas with a small time window
- low seed rates
- changing soils
- demanding field conditions

#### Cirrus Special

- conventional arable farming systems
- mixed farming systems
- areas with low to medium yield level
- borderline areas with small time window
- medium to high seed rates
- homogeneous soil structures



# Cirrus Active – the powerful "punch" for large areas

## Flexible in operation due to the integrated rotary cultivator

At the heart of the Cirrus 6001 Activ is the integrated KG 603-2 rotary cultivator which mixes soil particles and crop residues and thus creates the necessary fine soil for the following seed embedment. The front tyre packer reliably controls the working depth of the rotary cultivator. The depth can be set via spacer segments and can be hydraulically adapted whilst travelling. The integrated stone safety device, a standard feature, makes the rotary cultivator insensitive to stony soils.

Special advantage: The working intensity can be flexibly matched to the relevant soil conditions via different rotor speeds allowing for slower travelling and intensive cultivation on very heavy soils whereas in lighter soil conditions a forward speed of up to 15 km/h with less rotational intensity is possible.

## Easy pulling via front wedge ring tyres

The AMAZONE wedge ring tyres provide the demand oriented targeted strip-wise reconsolidation of the seedbed. Thanks to the oversized 1050 mm diameter wedge ring tyres the Cirrus Activ is easily pulled even in over-loosened and little reconsolidated ploughed fields.



## Systematic to success

### Four operational steps to the ideal sowing result

#### Perfect preparation

The front tyre packer roller levels the seedbed ensuring the accurate depth control of the following rotary cultivator. The depth of the rotary cultivator can be adjusted hydraulically even whilst in work. In this way, even as conditions change, sowing can be maintained at the optimum depth and fuel can be saved.

#### Optimum soil mixing

The integrated rotary cultivator with stone safety device and adjustable rotor speed mixes the soil and crop residues and in this way creates the perfect fine soil distribution in the seedbed.



# Cirrus 6001 Activ trailed sowing combination with integrated rotary cultivator

## The RoTeC<sup>+</sup> coulters

With their 400 mm diameter discs and an adjustable coulters pressure of up to 50 kg directly at the sowing coulters, the coulters run extremely smoothly. This is the ideal precondition for a precise seed placement and still with a row spacing of just 12.5 cm. The following Exact harrow III-S provides sufficient coverage of the seed and the adjustment of the intensity of the Exact harrow tines is possible either manually or hydraulically.

## Seed tank with large capacity

The 3000 l seed tank (3600 l with extension) is arranged well forwards. In this way a large portion of the machine weight rests on the rear axle of the tractor improving traction and saving fuel.

## Compact design

All the working elements are integrated into the machine behind the seed tank, compact and easily visible to the driver.

## Lower linkage and swivel draw bar

The lower linkage and the swivel drawbar make the Cirrus Activ very manoeuvrable independent of the lifting power of the tractor.



## Roll first - then sow

The seedbed is firstly reconsolidated in strips and thus perfectly prepared for the following sowing system.

## Precise sowing

The final seed placement is done via the RoTeC<sup>+</sup> coulters. The especially smooth run of these coulters ensures an exact placement of the seed even in large fields and at high speeds.

# Professional equipment for high work rates

## Cirrus Activ with an unprecedented level of equipment

### The many standard features in just one view:

- Working width 6.0m
- Swivel drawbar for perfect manoeuvrability at the headland and in the transport position
- Running gear with twin circuit air brake system for transport speeds up to 40 km/h or hydraulic brakes
- Traffic light kit
- Integrated KG 603-2 rotary cultivator with constant depth control via the front tyre packers
- Easily accessible 3000 l capacity seed tank with simple to open hopper cover
- Exact metering system with interchangeable metering cassettes for all kinds of seed and seed rates from 2 to 400 kg/ha
- Electric drive
- Large 1050 mm Ø wedge ring tyres
- Seed placement via RoTeC<sup>+</sup> coulters (400 mm diameter, coulters pressure up to 50 kg specifically to each coulters disc, incl. depth limiting and cleaning disc), row spacing 12.5 cm
- Exact harrow III-S  
(from choice; roller harrow bar available with up to 35kg pressure independent of the coulters pressure)
- Disc track markers with hydraulic actuation
- AMATRON<sup>+</sup> on-board computer for the control of all implement specific functions

## AMAZONE top technology – proven many times in practice

### RoTeC<sup>+</sup> coulters – precise seed placement even at high speeds

The RoTeC<sup>+</sup> coulters enable, even on demanding soils, the perfect seed placement. The principle of a depth control system directly on the coulters has been proven many times in practice.

The sowing disc is made from 4.5 mm thick, wear resistant Boron steel ensuring a long service life.

### "On-grip" tines –

#### for cost saving and environmentally friendly mulch sowing

Due to the "on-grip" tine technology the pre-set working depth is always maintained even in hard and difficult soil conditions.

"On-grip" tines pull themselves into the soil breaking it from underneath. In this way the fine soil particles are concentrated in the lower horizon of the worked zone. The coarser clods remain on the surface protecting the seed-bed from capping, drying out and erosion, creating the optimum conditions for an excellent plant emergence and high yields.



# Having everything under control on just one screen

AMATRON<sup>+</sup> controls all the important functions of the Cirrus Activ no matter whether operational functions, such as folding in and out the machine from transport or coulter depth and headland functions, or endless other possibilities for setting the machine, for example calibration, tramline rhythm and intermittent tramline control, marker changeover sequence or. AMATRON<sup>+</sup> allows the precise adaptation of the seed drill to all individual demands.

The modern terminal is easily and comfortably handled with its clear display making sure everything is always easily visible.

With its 20 field record memories the AMATRON<sup>+</sup> is accessed via the job computer on the relevant machine with data transfer via CAN-Bus.

The in-cab terminal offers great flexibility as it can also be used with many other AMAZONE machines.

## AMATRON<sup>+</sup>

### Advantages:

- Large low reflection display
- Comfortable operation with one hand via multi-function joystick
- Optimised matching to the machine
- Serial coupling to various GPS Terminals
- Coupling to sensor technology also possible
- Machine overlapping operation makes it usable on fertiliser spreaders and field sprayers as well





## Technical data:

| <b>Cirrus Activ</b>               | Cirrus 6001<br>Activ   |
|-----------------------------------|------------------------|
| Working width (m)                 | 6.00                   |
| Transport width (m)               | 3.00                   |
| Operational speed (km/h)          | 12 – 15                |
| Pulling power requirement (kW/HP) | 187/250                |
| Seed tank capacity (l)            | 3,000 - 3,600          |
| Linkage                           | lower linkage cat. III |
| Weight (kg)                       | 11,500                 |
| Tyres of running gear             | integrated 4 tyres     |
| Number of wedge ring tyres        | 12                     |
| Row spacing (cm)                  | 12.5                   |

Illustrations, description and technical data are not binding!

## Optional equipment for improved efficiency

### Seed hopper extension

The 600 l extension increases the seed hopper size of Cirrus Activ to 3600 litres meaning considerable reduction in downtime for filling and flexible adaptation of filling routines to the specific field size.

### Roller harrow bar for the RoTeC<sup>+</sup> coulters

For sowing spring cereal crops or oil seeds such as rape on light and dry soils the following roller harrow bar is the optimum additional equipment (see cover picture). It can be quickly and easily exchanged for the standard exact harrow and provides surface reconsolidation.

## Compact, quick and safe!

For road transport the Cirrus Activ folds down to a 3 m transport width. The oversized tyres ensure a smooth run even on the road. As standard, the Cirrus Activ is equipped with a braking system which enables travelling speeds of up to 40 km/h depending on the relevant national traffic regulations.



crop establishment  
concept

**One C is always there!**  
**stubble cultivating · primary soil tillage · sowing**



Catros



Cenius



Centaur



Cirrus



Citan



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