



AMAZONE

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for Innovation

AGRITECHNICA innovations
for intelligent crop production

Showcasing the most important technical products for 2024:

- » ZG-TX combi spreader
- » Pantera 7004 self-propelled sprayer
- » Precea-TCC precision air seeder
- » Cirrus 9004-2C Grand cultivator drill
- » Tyrok 400 Onland semi-mounted reversible plough
- » Catros+ 03 compact disc harrows

New ZG-TX combi spreader



Main arguments

- » **Flexible scope of application:** Quick and easy conversion between lime and fertiliser spreading
- » **First-rate spread patterns:** Precise lateral distribution for fertiliser and lime thanks to the tried-and-tested TS spreading system and the newly developed lime spreading system
- » **Perfect border spreading:** Up to 17 % additional yield at the field edge with the AutoTS border spreading system – proven by field trials at the Wieselburg Innovation Farm
- » **Maximum performance:** Up to 54 m working width, 11,200 l capacity and 15 t payload



Video:
ZG-TX in work



IDEAS FOR
OUR FUTURE

Spreading without compromise

Only a few components have to be changed for conversion from fertiliser spreading (**left**) to high-output lime use (**right**).

Double benefit – both lime and mineral fertiliser spread to perfection

AMAZONE sets new standards in the combi spreader sector with the new trailed ZG-TX. Both granular mineral fertilisers and earth-moist limes can be applied precisely through the one machine by means of a simple conversion between the TS spreading system and the newly developed spreading unit for lime. The ZG-TX therefore combines the advantages of the TS spreading system, with its disc-integrated AutoTS for optimum border spreading results, with maximum efficiency in spreading lime. With the simple Special frame and the stronger Super frame, AMAZONE offers the right machine for every application.



ZG-TX 6800 Special with 6,800 l hopper capacity



ZG-TX 11200 Super with 11,200 l hopper capacity

New Pantera 7004 self-propelled sprayer



Main arguments

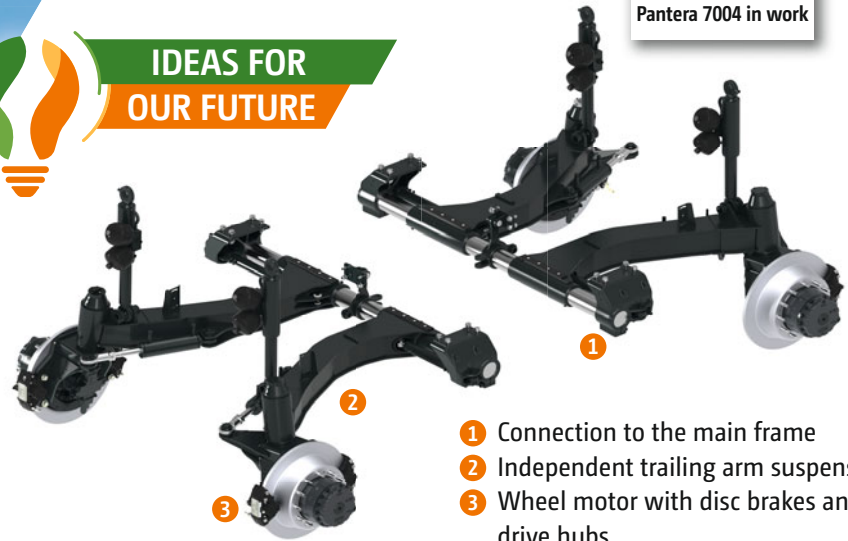
- » **High performance:** High tank capacity of 7,000 l and wide boom widths up to 48 m with working speeds up to 30 km/h
- » **Soil-conserving:** Lightweight design and large tyre sizes with optimum weight distribution
- » **Comfortable:** Ultra-modern chassis and cab technology as well as user-friendly operation
- » **Flexible:** Hydraulic track width adjustment from 2.00 m to 2.75 m and a track width adjustment from 2.25 m to 3.00 m in the Pantera-W
- » **Safe on the road and in the field:** Low centre of gravity and extremely stable running gear with automatic slope compensation
- » **The ground clearance** is approximately 1.30 m, which means that even tall crops can be driven through without damage.



Video:
Pantera 7004 in work



IDEAS FOR OUR FUTURE



- ① Connection to the main frame
- ② Independent trailing arm suspension
- ③ Wheel motor with disc brakes and drive hubs

Adaptive running gear with independent wheel suspension and slope compensation

The new running gear with independent trailing arm suspension offers maximum comfort, safety and flexibility. The hydro-pneumatic suspension is adaptive, whereby the characteristics of the running gear are tailored to suit the driving situation. This intelligent control provides the best driving stability and maximum driving comfort combined with a simple and weight-reduced design in comparison with a conventional independent suspension. In addition, the system prevents any rocking when the tank is not completely full which enables high driving speeds, even on poor quality roads.

Another plus point is the soil-conserving function of the offset track driving, in which, for example, the front wheels can be set at the minimum track width and the rear wheels at maximum, meaning the soil is travelled over just once and the machine is always aligned to the direction of travel.

The integrated slope compensation is another highlight. The inclination of the vehicle is detected via sensors and the machine is automatically kept horizontal up to a certain gradient. This feature in combination with the low centre of gravity of the machine and the hydro-pneumatic running gear provides extremely high slope stability.



reddot winner 2023

Pantera 7004:
Wheels up to
2.05 m high

New Precea-TCC precision air seeder



Main arguments

- » High performance thanks to the large hopper capacity for seed and fertiliser combined with large working widths of 9 and 12 m
- » Accurate seed placement due to the precise pressurised singling and short propulsion channel
- » Simple and self-explanatory operation with the AMAZONE AmaTron 4 ISOBUS terminal
- » Extremely easy adjustment of the PreTeC mulch sowing coulter, since all the required settings can be done without using tools
- » Short fill times thanks to the large hopper capacity and the Central Seed Supply seed delivery system
- » CurveControl for even plant distribution, even when driving round bends, resulting in uniform ripening of the crops



Video:
Precea-TCC in work



IDEAS FOR OUR FUTURE



Centralised seed
hopper

Central fertiliser
hopper

Central hopper concept – row-by-row singling

For exceptionally high work rates and reduced fill times, the new Precea-TCC features a central seed hopper with a capacity of 2,000 l for up to two big bags. The new Central Seed Supply seed delivery system carries the seed from the central hopper to the singling units via an air stream. The seed for each row is temporarily stored there in a small reception unit. Once this reception unit reaches the maximum fill level, the air stream is automatically cut off, thereby shutting off any further seed supply. When the fill level decreases, the air stream restarts automatically and conveys seed again from the main hopper to the individual rows. Thanks to the intelligent air stream system of the Central Seed Supply, every singling unit is independently supplied with seed, without the need for complex sensor systems or electronic controls.



FerTeC Twin HD
double disc coulters

Carrying
rollers

Catcher
roller

V-press
rollers



AMAZONEN-WERKE
SOWING UNIT PRETEC
✓ Working quality
in maize
DLG Test Report 7104

The new Cirrus 9004-2C Grand cultivator drill



Main arguments

- » Large hopper capacity of 5,750 l and a working width of 9 m
- » Large hopper capacity optimised for big bags
- » Distribution head with individual row shut-off for maximum precision
- » User-friendly, electro-hydraulic adjustment of the sowing depth and the coulter pressure via ISOBUS terminal
- » Strip-wise reconsolidation for higher field emergence and more uniform crops
- » ISOBUS control for comfortable monitoring and adjustment of the machine from the tractor cab



IDEAS FOR OUR FUTURE

Large distributor head
with individual row
shut-off



New distributor head – Precision over the entire width

The new distributor head provides excellent lateral distribution. The individual row shut-off ensures high sustainability via a reduction in the use of seed and fertiliser. Extremely vigorous crops develop as a result of the spot-accurate shut-off, especially in the overlap zones, since no areas are double sown. Overlaps are restricted to less than 1 % of the area with this system.

The distributor head can be easily tailored to any symmetrical and asymmetrical tramline systems as well as track widths and tyre widths via the ISOBUS terminal, in order to create a tramline.

If single rows are closed, the rotational speed of the metering units is reduced. The excess seed circulates in the seed return, while the air continues to escape towards the sowing coulter. The air pressure in the seed delivery lines therefore remains constant. This prevents seeds from being blown out of the furrow. At the same time, there is always a sufficient quantity of seed in the distributor head. This is charged immediately after the machine has been lowered. Uninterrupted sowing of the materials without pre-metering is therefore guaranteed right down to the last corner of the field.



New Tyrok 400 Onland semi-mounted reversible plough



New Catros⁺ 03 compact disc harrows



Also with TS
bogey chassis



Main arguments

- » High flexibility thanks to the quick and comfortable change between on-land and in-furrow operation
- » In addition to precise matching to the last furrow via GPS, on-land operation reduces the pressure on the soil as a result of the larger contact area of the tractor tyres
- » Electro-hydraulic furrow depth adjustment from the tractor cab
- » Perfect matching of the ploughing, even under varying conditions, thanks to the standard hydraulic front furrow adjustment
- » Unique SpeedBlade plough bodies with an enlarged front shin of the mouldboard and the ©plus hardening process allow higher speed with less wear
- » Fast turning with low stress as a result of the two-stage hydraulic end position damping – SmartTurn



Video: Tyrok Onland
in work

High levels of comfort when changing between on-land and in-furrow modes

A major advantage of on-land ploughing is the reduced soil pressure as a result of the large contact area of the wide tractor tyres and the possibility of being able to work with a lower tyre pressure. This means that considerably less compaction damage is caused. If the optimum on-land ploughing conditions are not present because the soil surface is too wet, you can quickly change over to in-furrow mode.



Tyrok 400 Onland in in-furrow mode



Main arguments

- » **New:** Extended product range from 4 m to 7 m, now also with the Smart Frame System
- » Simple and uncomplicated setting and changing of the working depth
- » Completely independent depth adjustment of the front tools from the main working element
- » The first and second row of discs always work at the same depth
- » Convenient for quick changes to the working depth, such as working deeper in tramlines or on the headland
- » Huge through-passage, always perfectly adapted to the working depth
- » Large selection of different pre-working tools for the models with a bogey chassis



Video in use

Precision over the entire width

With the Smart Frame System, AMAZONE offers a completely new form of working depth adjustment for compact disc harrows. The complete disc row is rotated to adjust the working depth. The discs are either pushed away from the

frame to work deeper or towards the frame to work shallower. In this respect, the main frame always remains parallel to the ground.

- 1 Simple, fast and precise adjustment of the working depth
- 2 Wide range of discs for different applications
- 3 Wide variety of rollers with different diameters





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Join the myAMAZONE digital customer portal now and benefit from our free services!

Enter the machine number and see all the relevant information at a glance to help get the maximum performance from your machine!

- Season start & installation
- Setting & operation
- Maintenance & storage
- Spare parts & operating instructions



Apply for a 24-month manufacturer guarantee via myAMAZONE!

Extend the protection offered for your machine with a 24-month manufacturer guarantee.



Both of the guarantee offers can be applied for within the contractual warranty period of 12 months after installation.

Apply for a 7-year manufacturer guarantee against rust perforation for the ZA-V, ZA-TS and ZG-TS fertiliser spreaders via myAMAZONE!

Improved paint quality as a result of a new painting process from model year 2022.



Illustrations, content and technical data are not binding and may differ depending on the level of equipment. Country-specific road traffic regulations apply and must be complied with, meaning that special approval may be required. The permissible axle loads and total weights of the tractor should be checked.



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