

Pantera 4502 self-propelled sprayer

The new Pantera 4502: Faster, higher and more output!

For the model year 2014, the successful AMAZONE Pantera self-propelled sprayer will get many new features which will add further to that success.

Increased work rates due to a larger tank

With a nominal volume of 4,500 l (actual volume 4,800 l), the bigger tank capacity of the Pantera 4502 will make it yet more efficient. By shifting the fresh water tank to the rear of the machine, the pumps have been completely integrated meaning that the even shorter hose lengths and the new optimised tank sump guarantee the smallest residual volumes, even in sloping terrain. The optionally available, fully automatic fresh water control via Comfort Pack 2, with its secondary display down at the operator station, is even more user-friendly.



Cab air filter to Category 4

For the optimum air quality under all operating conditions, AMAZONE now offers, as an option, a cab equipped with a Category IV (according to EN 15695) filtration system. The cab is kept at an overpressure, and all the necessary filter inserts are available, so that any dust or droplets are prevented from entering. The filtration makes sure that the safety of the operator is looked after at all times due to the cleaner air in the cab.

More efficiency due to the new engine with 50 km/h permit

The new 6-cylinder Deutz engine on the Pantera 4502 features, with 218 HP/160 kW, an additional engine capacity of more than 10% and is fully compliant with the 3B emissions standard. This increased capacity also provides the Pantera with additional power reserves in difficult conditions and in sloping terrain. Another real increase in output is provided by the optionally available 50 km/h road speed permit. The now well-known Pantera ECO engine management system ensures a low fuel consumption, even at 50 km/h and new disc brakes increase the safety of the vehicle whilst on the road.

In the course of making the adjustments for the new engine and drive, also tyres now up to a diameter of 1.95 m (e.g. 520/85R42) and a width of 710 mm are available. The Pantera features more ground clearance and, thanks to the lower total weight, the tyres can be operated at a reduced air pressure. The larger surface contact area of the wheels also improves traction.

With regard to the topic of the treatment of exhaust gases, AMAZONE relies on exhaust-gas recirculation with a diesel particulate filter. The system is maintenance-free as the filter unit is self-cleaning in cyclic intervals and functions without the addition of AdBlue.

New flexibility thanks to height adjustment and 3 m track width

As standard, the Pantera 4502 features a ground clearance of 1.2 m (with 520/85R42 tyres) which is perfectly adequate for most operations. For the application of crop protection agents in tall crops, such as mature maize or sunflowers, there will be, from model year 2014, an optional height adjustment system available. It enables the Pantera 4502 to have a ground clearance of 1.7 m at a track width of 2.25 m (2.4 m depending on tyres). A particular benefit of the AMAZONE solution is that the Pantera 4502 can be operated in the lower position in track widths from 1.8 m which is especially useful in small field sizes where the contractor, for example, can meet the requests of their customers.

From 2014 on, it will be also possible to buy the Pantera with a track width adjustment from 2.4 m to 3 m. In "Controlled Traffic Farming" systems this option is a good alternative. This equipment option is also of benefit when operating in potato crops without tramlines. With four rows of potatoes underneath the machine, it provides a high stability and ensures less crop damage.