

John Deere AME: Meet the NEW S440 series combine



John Deere AME is introducing the S440 combine harvester to the Africa and Middle East Markets. This new addition to the John Deere combine line-up is an excellent choice for farmers looking for a compact, more cost effective but still technologically advanced combine. This machine is a Class 4 combine but is packed with most of the features and technology of the larger John Deere S-Series

combine harvesters and is designed to achieve all the desired qualities: efficiency, reliability, grain sample quality, and harvesting technology.

Compared to the larger John Deere Harvesters in the market, the S440 consists of a smaller framework and engine capacity. Still, there is no doubt about the performance of this machine. It is equipped with the proven John Deere 6-cylinder, 6,8-litre Tier-3 engine,

equipped with an isochronous governor, which assists with maintaining rotation even during peak power demand without the operator's intervention.

With 175 kW rated power and 191 kW peak power, it maintains material processing efficiency during the entire harvest operation to achieve higher performance.

Efficient threshing, separation and cleaning with the S440

The S440 is a rotor combine equipped with the John Deere-designed Tri-Stream rotor, measuring 61 cm by 313 cm. "This feature ensures the efficient harvest of maize, soya beans, wheat, canola, rice, sorghum, and many other grains while reducing fuel and power consumption and providing effective threshing and grain separation," says Jacques van den Berg, Tactical Marketer at John Deere AME. "The system features the Dyna Flow Plus cleaning system which ensures even material distribution over the entire length of the sieves by using side hill deflectors."

The combine's automatic ground adjustment controls, or Active Terrain Adjust™, limit grain loss to a minimum when harvesting on inclines and slopes. The system achieves this by automatically adjusting the fan speed and opening or closing the chaffers and sieves depending on the angle of the combine.





Inside the cabin of the harvester, the work environment is packed with technological advancements

S440 has advanced technology for unmatched performance

"When it comes to quality, John Deere has not compromised in the design of the S440 and included a range of technological features in the standard package," Jacques explains. "Farmers can expect to benefit from a versatile corner post display, a lateral tilt feeder house, moisture and yield sensors, Active Terrain Adjust™, and in-cab adjustment of all settings." Additionally, the standard package includes an industry-leading JDLink™ Connectivity subscription.

"For farmers who desire even more advanced technology solutions, John Deere offers factory-installed premium options such as the Starfire™ 7000 Receiver and Gen 4 touchscreen equipped with Auto-Track™ and Row-Sense™ functionalities" he says.

The JDLink™ subscription allows for the secure wireless transfer of harvest data and yield maps (generated by the Receiver and Gen4 Display) directly to the farmer's cell phone and the cloud-based John Deere Operations Centre™ precision farming solution. Furthermore, the 24/7 remote display access and service advisor remote capabilities provide customers an extra edge and greater peace of mind.

Specifications and optional extras: Customisable features of the S440

John Deere has combined the potent 6,8-litre engine with a 3-speed hydrostatic transmission and a 65-kW feeder house reverser. The S440 Combine also features a 6 500-litre grain tank and a 5,5-metre unloading auger that can unload at a rate of 65 litres per second while harvesting.

Farmers can choose between a stand-

ard or premium dual-speed discharge chopping beater paired with twin spreading discs for residue management.

For the farmer looking for more traction and stability, dual front wheels or a powered rear axle for four-wheel drive can be factory installed.

A comfortable working environment in the S440

A deluxe cab with ample space provides operators with all the features needed to ensure productive and comfortable hours behind the steering wheel.

An air-suspended operator seat, tiltable steering column, air conditioning, a mini cooler, radio, sun visors, and an instructor seat provide a pleasant working environment.

The S440 has versatile header compatibility

The S440 Harvester can accommodate a wide range of front-end equipment options. It can be fitted with six, and eight-row headers for maize harvesting, while the combine can handle rigid and flex platforms up to 25 feet in size for small grains.

Tested and Proven: The S440's impressive performance in South Africa

During 2022, John Deere extensively tested the S440 harvester in South Africa, harvesting every type of grain over a wide geographical area. The compact combine exceeded expectations with its impressive versatility and performance under different harvesting conditions, delivering excellent grain quality, efficiency, and fuel consumption.

"Based on the positive test results, John Deere AME is confident that the S440 Combine will prove to be a capable, affordable, and popular option for grain farmers in the African and Middle East markets," he concludes.

Come see the S440 at Nampo 2023.



Interested farmers can contact their nearest John Deere Dealer for more information.