

Spraying, mowing and smart round-trip routing to deliver your materials in a worry-free way



Suitable for Multiple Terrains

Introducing the XAG R152 Autonomous electric farm robot

The XAG R152 is a robust yet lightweight, 4 wheel drive autonomous vehicle that can tackle a wide range of tasks around your site such as spraying, transporting and mowing

As a compact sprayer

Ideal for orchards, vineyards and poly tunnels, this configuration with its 150-litre spray tank gets the job done. The twin spray cannons can be individually programmed for a spray pattern to suit every job. Powerful adjustable fans are used to control the spray up to an impressive 12-metre width. The droplet size can be varied from fine mist to course droplet at a touch of a button.

As an autonomous transporter

With 1000Nm of instant electric torque on tap from the R152's powerful twin electric motors; this robot is a very capable farm transporter. Whether you're using its robust 200kg rated load carrier or you have attached your own trailer, the R152 can really take the strain out of a long day's work. Beside the manual mode, there are 2 intelligent control modes. Shuttle mode allows it to automatically travel back and forth between 2 locations; perfect for fruit picking at harvest time. In follow-me-mode the R152 will faithfully follow an operator carrying the heave load or pulling a trailer.

As an integrated mower

The R152 can be configured with an integrated mower unit. Powered from the robot's twin smart batteries, the mower has twin steel blades and a cut width of 900mm. With both height and speed adjustment, the mower can tackle a huge variety of weeds, from grass to reeds to brush.

Built-in stereo vision cameras mean that if someone or something wanders in front of the mower while it's working, it will automatically stop and wait till it's safe to continue. One operator can control a swarm of up to 6 R152's from a single handset which transforms productivity.

