

AgBot 2.055W3

Technical Specifications



Drive train

Deutz Diesel Engine

2.9l 4-stroke Deutz Diesel Engine, stage 5 with 55kW / 75hp, max. torque of 300Nm

Electric drive train

Electric drive train with a speed range from 0-13.5 km/h

Electric driven PTO

Optional electric driven PTO (up to 50kW) +/- 1200rpm completely variable in adjustment

Diesel tank

170l diesel tank

HighVoltage connectors

Optional HighVoltage connectors (up to 50kW and 700V)



Hydraulics

Hydraulic pump

85l/min at 210bar hydraulic pump

Spool valves

Up to 3 double-acting proportional spool valves

Rear linkage

Three-point rear linkage cat 2
2.5t maximum lift capacity at hooks

Load sensing

Optional Load Sensing

Safety measures

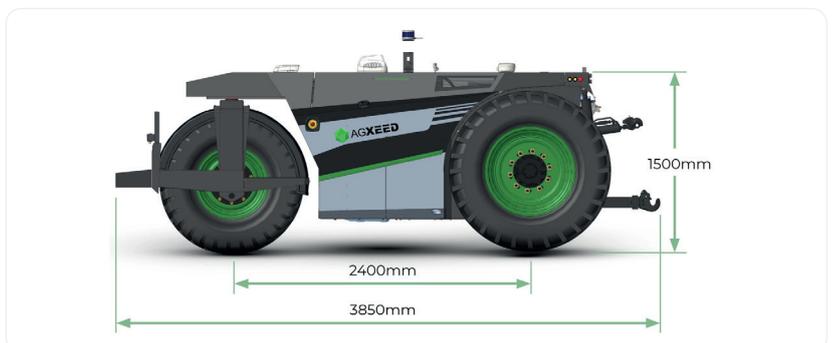
- ✓ **Geofence** system
- ✓ **Visual indicator** lights
- ✓ **Audible warning** alarm
- ✓ **Emergency stop buttons** around the machine

Obstacle detection system

- ✓ **LIDAR sensor** on the top of the machine
- ✓ **Ultrasonic sensors** integrated into the safety bumper
- ✓ **Radar sensors** integrated into the safety bumper
- ✓ **Contact sensitive bumper** integrated into the safety bumper

Machine dimensions

Length: 3850mm
Height: 1500mm
Wheelbase: 2400mm
Width: min. 1350mm
Empty weight: 2.8t



Wheel configuration



Front wheel 710mm

Rear wheel configurations 380, 400, 520 and 710mm

			
TIRE TYPE 380mm	TIRE TYPE 400mm	TIRE TYPE 520mm	TIRE TYPE 710mm
TRANSPORT WIDTH 1350mm	TRANSPORT WIDTH 1380mm	TRANSPORT WIDTH 1650mm	TRANSPORT WIDTH 2020mm

Communication and positioning

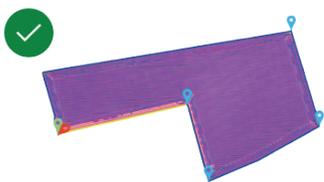
Communications module for **bidirectional data transfer and RTK correction**

RTK GNSS for precise guidance and safe positioning: **+/- 2.5cm**



Manage your farm through our application

Plan



- ✓ End-to-end, multi brand full season planning
- ✓ Planning provides the relevant level of detail
- ✓ Predictable and reliable planning, full transparency of the resources' usage milestones

Execute



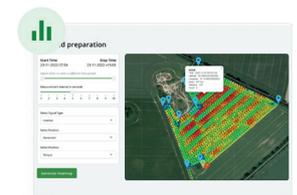
- ✓ Highest safety standards while unsupervised autonomous driving
- ✓ Adjust relevant settings in the field if necessary
- ✓ Flexibility, brand-agnostic in terms of implements

Control



- ✓ Full visibility of the running processes
- ✓ Choice of how much you get involved
- ✓ Access to all kinds of data in real time, interface for multiple roles

Optimise



- ✓ Data → actionable insights & Intuitive to use
- ✓ Truly open system
- ✓ Remote and predictable service possibilities

All specifications and dimensions undergo continuous development processes. Values and configurations may change over time.