AGXEED

AgBot
5.115T2

Technical Specifications

Drive train

Deutz Diesel Engine
4.1l 4-stroke Deutz Diesel Engine, stage 5 with 115kW / 156hp, max. torque of 610Nm

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 100kW) +/- 1200rpm) completely variable in adjustment

HighVoltage connectors
Optional HighVoltage connectors (up to 100kW and 700V)

Diesel tank
350l diesel tank, 30l AdBlue tank

Hydraulics

Hydraulic pump
85l/min at 210bar hydraulic pump

Spool valves
Up to 4 double-acting proportional spool valves

Rear linkage
Three-point rear linkage cat 3
8t maximum lift capacity at hooks

Front linkage
Three-point front linkage cat 2 (hooks cat 3)
3t 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
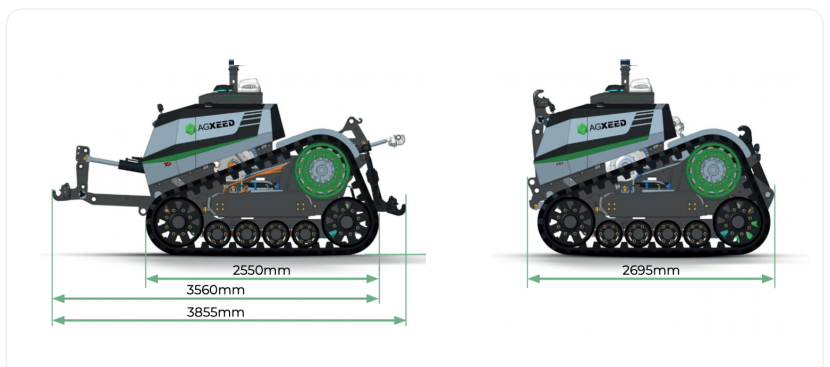- ✓ **Contact sensitive bumper** integrated into the safety bumper

Machine dimensions

Minimal length: 2695mm
Height: 2000mm
Total length with hitch at 90 degrees: 3855mm
Empty weight: 7.8t

2550mm
3560mm
3855mm

2695mm

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

Track configuration

Variable track center adjustment between 1900 – 3000mm or 2250 – 3000mm
(range depending on the type of chassis and size of tracks, further options may apply)
Track type from 300mm – 910mm
Crop clearance 42cm

TRACK TYPE **300mm**	TRACK TYPE **400mm**	TRACK TYPE **610mm**	TRACK TYPE **760mm**	TRACK TYPE **910mm**
TRACK CENTER **1900 – 3000mm**	TRACK CENTER **1900 – 3000mm**	TRACK CENTER **2250 – 3000mm**	TRACK CENTER **2250 – 3000mm**	TRACK CENTER **2350 – 3000mm**
TRANSPORT WIDTH **3000 – 3500mm**	TRANSPORT WIDTH **3000 – 3500mm**	TRANSPORT WIDTH **3000 – 3610mm**	TRANSPORT WIDTH **3000 – 3800mm**	TRANSPORT WIDTH **3300 – 3900mm**

Communication and positioning

Communications module for **bidirectional data transfer and RTK correction**
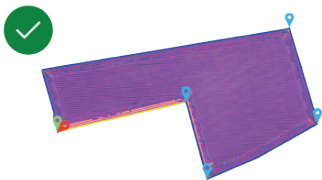
RTK GNSS for precise guidance and safe positioning: **+/- 2.5cm**

AGXCLOUD

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

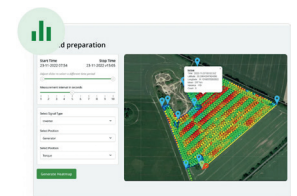- Highest safety standards while unsupervised autonomous driving
- Adjust relevant settings in the field if necessary
- Flexibility, brand-agnostic in terms of implements

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

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