AGXEED
We provide AUTONOMY

5.115T2

AGXEED AgBot 5.115T2
Technical Specifications

Drive train
- 4.1l 4-cylinder Deutz Diesel Engine, stage 5 with 115kW / 156hp, max. torque of 610Nm
- 350l diesel tank, 30l AdBlue tank
- Electric drive train with a speed range from 0-13.5 km/h
- Optional electric driven PTO (up to 100kW and 700V)
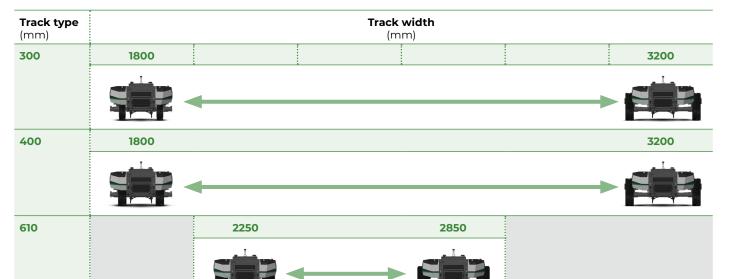- Optional HighVoltage connectors (up to 100kW and 700V) based on ISOBUS 23316
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Hydraulics
- 85l/min at 210bar hydraulic pump
- Up to 4 double-acting proportional spool valves
- Optional Load Sensing
- Three-point rear linkage cat 3
- 8t maximum lift capacity at hooks
- Three-point front linkage cat 2 (hooks cat 3)
- 3t maximum lift capacity at hooks
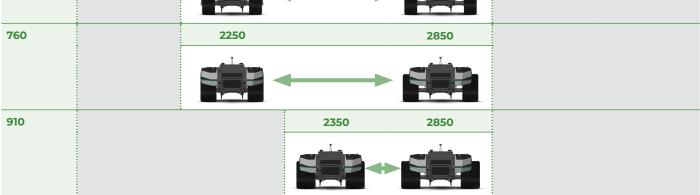
Track configuration and Dimensions
- Variable track width adjustment between 1.800 and 3.000mm or 1.800 – 3.200mm (range depending on the type of chasse and size of tracks)
- Tracks from 300mm – 910mm width
- Crop clearance 42cm
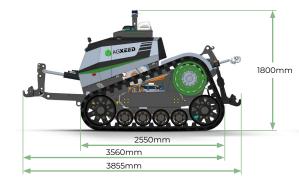
Available Track widths per Track type:

Track type (mm)	Track width (mm)		
300	1800		3200
400	1800		3200
610		2250	2850
760		2250	2850
910			2350 2850

Setting range depends on the selected chassis and crawler track.

1800mm

2550mm
3560mm
3855mm

2695mm

- Minimal length: 2550mm
- Height: 1800mm
- Total length with hitch at 90 degrees: 2695mm
- Empty weight: 7,8t

Communication and Positioning
RTK GNSS (Real Time Kinematic - Network Global Navigation Satelite System) for precise guidance and safe positioning: ± 2,5cm Communications module for bidirectional data transfer and RTK correction
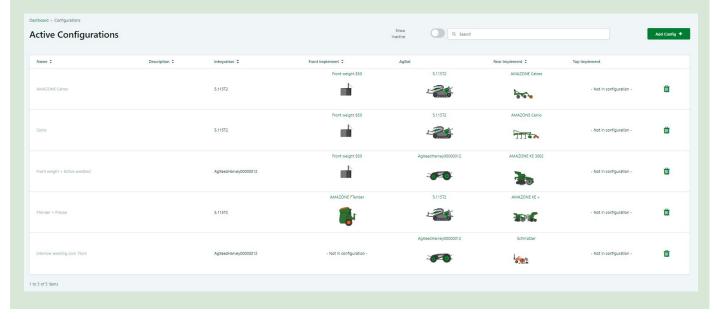

AgXeed Portal

Dashboard
The AgXeed portal manages your full business cycle: fields and tasks and your complete machinery fleet. You will enjoy the well-structured operation screen; find your properties logically arranged by farm, field and part fields. A descend user management lets you decide who will connect to your digital farm. The digital shed hosts your combinations of AgBots with implements including their specific parameters. Once the combinations are created, book them to a specific routing, and the task is created. All tasks can be stored for later execution, or it can be immediately sent to the combination for execution. Once at the field, you will start the operation with a safe and approved remote control. After the start, everything will work automatically. If you want to check your machine in the meantime, just switch on the camera remotely and check what's going on. That's what we call autonomy.

Shed
The digital shed holds your AgBots, as well as your implements. These can then be combined into diverse combinations; add a front, rear and top implement like a hopper to configure the machine for your specific task. All dimensions and available settings are automatically sent to the task management. The whole process is then planned automatically by our powerful routing algorithm, taking into account the desired turning radius, number of headlands, routing mode and overlap. The routing technology takes care, that the whole field is processed without touching the boundaries and minimizes the quantity of touching the soil at the same position by the machine.

Operations and analysis
In our operations and analysis section you get the full overview of your properties: fields and part fields, orchards, your planned, running and executed tasks, as well as live telemetry information coming from your running combinations. Besides all real time data, this sections also holds the complete history of the information, that was gathered while the combinations were working. Time and efficiency analysis, fuel consumption data, manure and seeds consumption - everything is logged by GNSS, and stored with a time stamp into the field map by our heatmaps. No need for you to think about how it works, it just happens.

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