

DAMMANN[®]



Pflanzenschutztechnik
Fahrzeugtechnik
Airporttechnik

DAMMANN
Innovations and Novelties
2020

JAHRE  **Hochpräzise
Applikationstechnik**



EasyControl

Digital level indicator

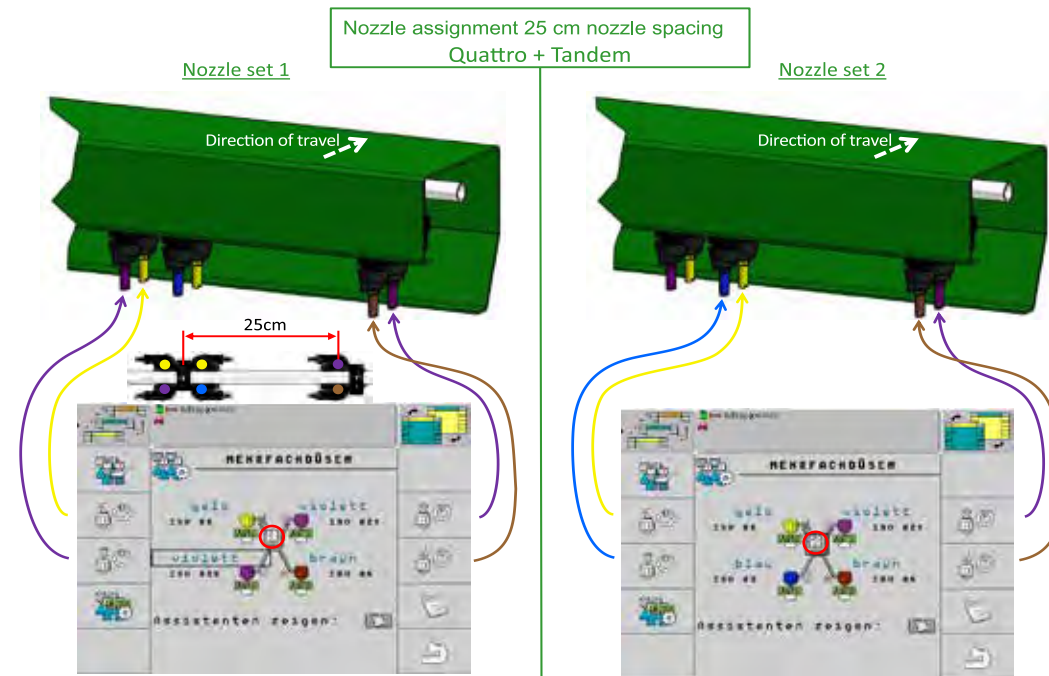
- Integrated in the ISOBUS system
- Functions of the ISOBUS system on the device
 - Work lights, agitator, filter flushing, ...
- CID and RRW are controlled via EasyControl
- Series for all Profi-Class devices (Option for Classic)



MultiSelect

Management of 2 nozzle sets

- Simple switching of the nozzle sets via the ISOBUS terminal
- Quicker change from 25 to 50 cm nozzle spacing
- Up to 4 nozzles per nozzle set
- Selection and control of the nozzle sets by Vario-Select on the ISOBUS terminal
- Usage of single up to quattro nozzle holders every 25 cm

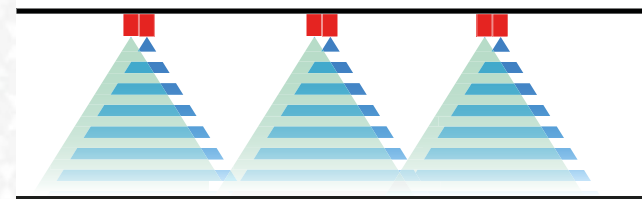


proSpray PWM

(pulse width modulation)

The spray pressure and droplet size are kept constant over the selected range. Additional Volume flow control results in a significant extension of the operating range of a Nozzle size.

- Constant drop spectrum
- Volume flow is controlled by pulses
- Different spray rates per nozzle possible
- Blockage control
- Continuously variable C~C~A®
- Integrated in the ISOBUS
- No double data entry
- Combination with tandem nozzle carrier and Vario
- Select in preparation
- JKI recognition in preparation



New JFP Mounted Sprayer

Mounted sprayer for JCB Fastrac 4190 and 4220

- 2200 l tank volume (+5% safety volume)
- Up to 30 m working width
- Integrated 400 l fresh water tank
- 250 l/min Pump capacity

Optional:

- Front tank with 1500 l



1500 l Front Tank

For trailed sprayers and mounted sprayers for JCB Fastrac 4190 and 4220

Usable as:

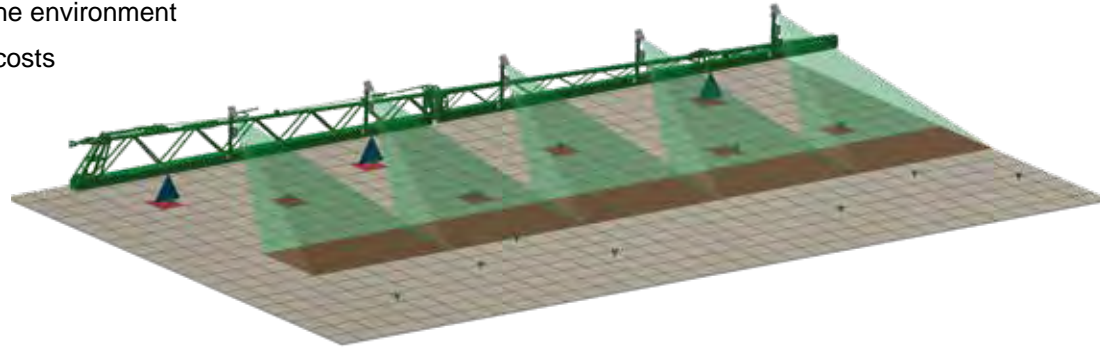
- Additional water tank
- For volume increase with automatic LevelControl
- For a multi-fluid system with a second nozzle line



GreenView

Camera system for plant recognition

- Direct acquisition of the plant via a camera system
- Precise treatment of the individual plants
- Weed mapping on the field map
- Intelligent point spray system reduces herbicide consumption up to 80%.
 - Protects the environment
 - Reduces costs



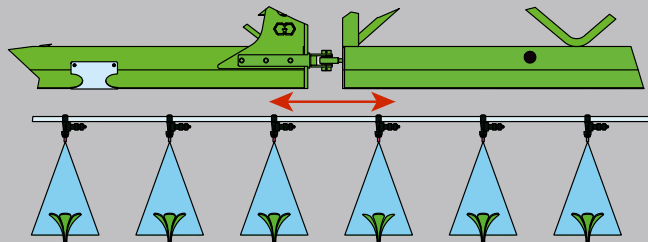
Pneumatically Tiltable induction bowl for trailed sprayers

- Simple lifting and lowering of the induction bowl by:
 - *EasyControl*
 - *proControl III*
 - Operator terminal



RSD - Row-Specific-Nozzle Positioning

- Simple positioning of the nozzle above the row
- Positioning via:
 - Manual alignment
 - Sensors
 - Field impact file and GPS



ATC - Adaptive Tire Pressure Control

Tyre pressure control regulated by the fill level

- Automatic adjustment of tyre pressure by ISOBUS
- Always the ideal inner tyre pressure for road and field use
- Conserving stock
- Less wear and tear
- Economies of resources
- Simple operation



DCD - Distance Control DAMMANN

- Securing the excavation height
 - Automatic in high stock levels due to sensor technology
 - Manual by deactivating the height control
- Now also available for devices without linkage angulation
- New distance sensors with CAN bus connection shorten control times
- Modification of the hydraulic control speed up the boom adjustment



Lock axle

New for the Profi-Class Tandem

Automatic locking of the trailing axle when Tandem chassis in a slope inclination

- Safe driving on slopes
- Improved tracking in the tramline



Engine of the exhaust stage EU V

DAMMANN-trac's are equipped with engines from the EU V emissions level.

The used engine from Mercedes Benz OM 936 (MTU 6R1000) with the new combined SCR- and DPF-Box (Catalytic Converter) and soot particulate filter), offers a performance 285 hp (DT 2800H and DT 2400H) and 313 hp (DT 3500H) and further improvements in the areas:

- Torque - Power - Dynamics
- Fuel consumption
- Reduction of CO² emissions



Central lubrication bars

For lubricating of the axles and the chassis of the DAMMANN-trac are Central lubricating strips on good positions as standard.

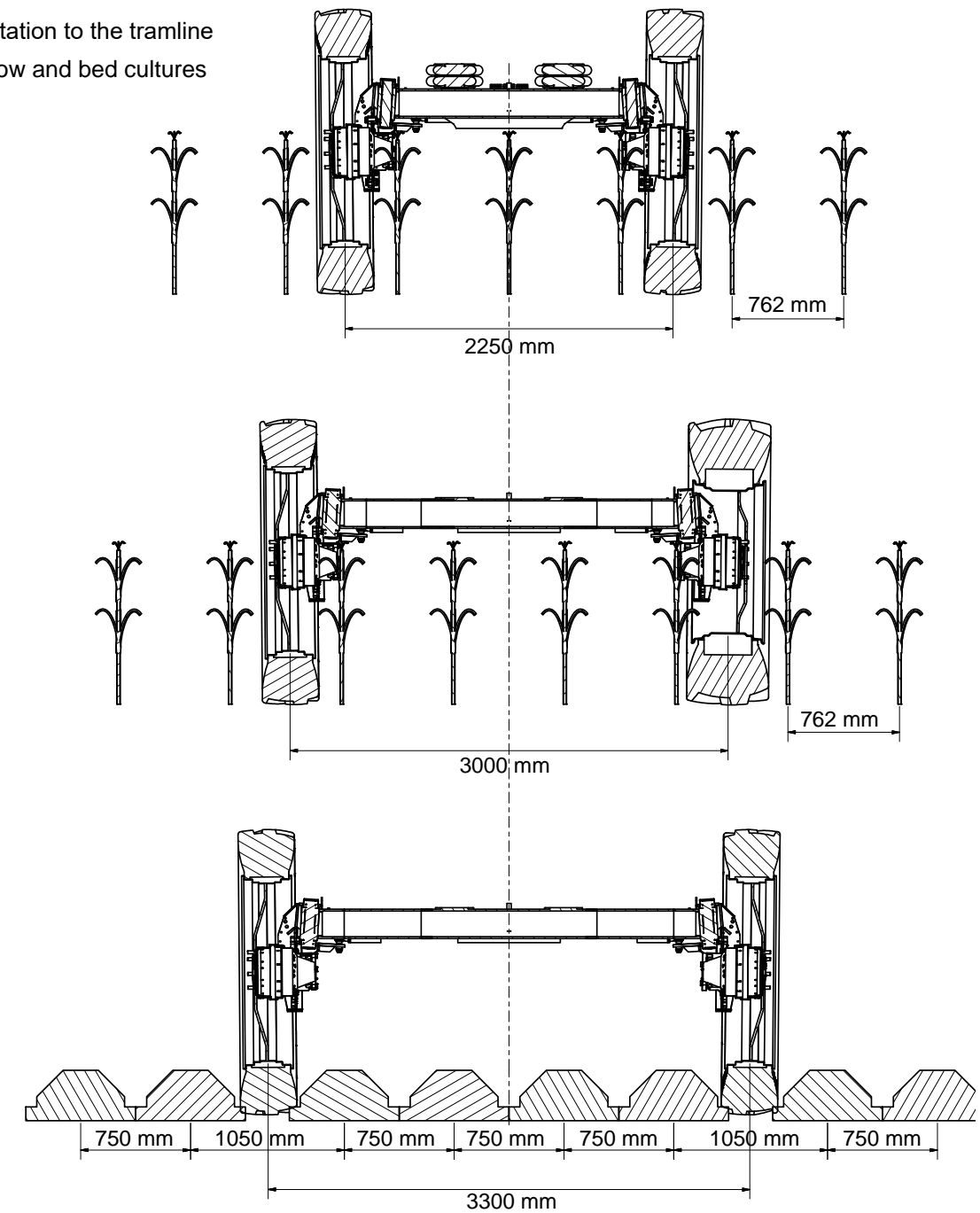
Optional also available for trailed sprayers.



3.00 or 3.30 m track

Option for DT 2800H and DT 3500H

- Adaptation to the tramline
- For row and bed cultures



Mobile phone and tablet holder

Suitable mounting brackets for the DAMMANN-trac Cabin

- Holder for 10" tablets
- Holder for 8" tablets
- Holder for mobile phones





DAMMANN-trac with LED technology

The lighting is completely switched to LED

- Rear light in LED
- Driving and high beam in LED
- LED work lights on the cabin

Multi-stage cruise control

- Cruise control levels for:
 - Road
 - Headland
 - -tramline
- Freely configurable
- Operation via joystick



Drag hose wagons

Suitable for all DAMMANN drag hose assemblies

For the provision for assembly, storage and Transport of:

- Drag hoses
- Towpipes



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