

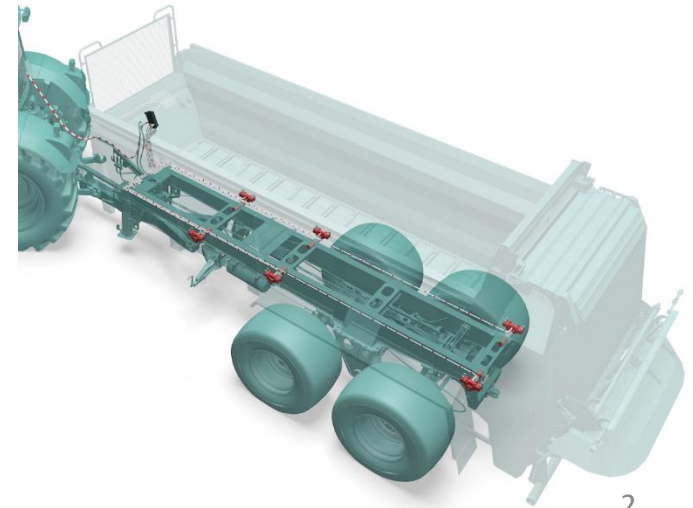


Precise fertilisation straight to the point by means of the Strautmann universal spreaders

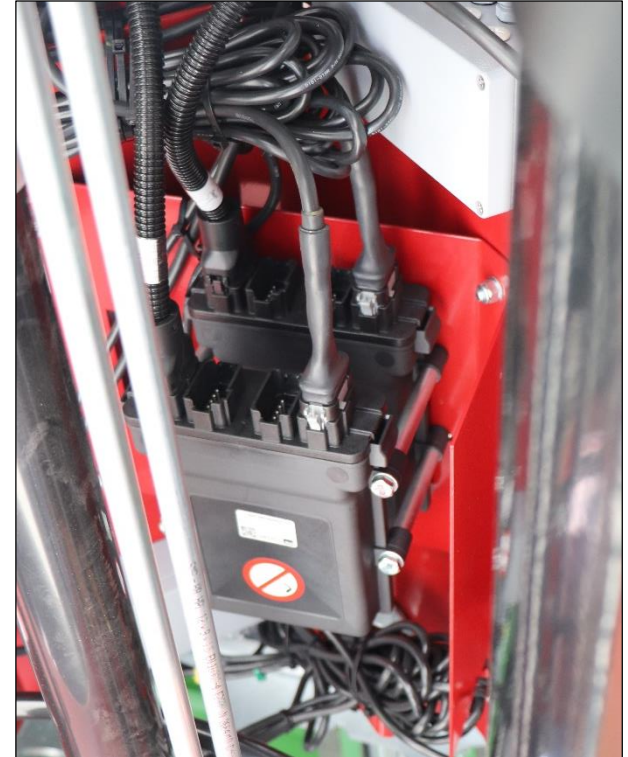
DYNAMIC WEIGHING & PRECISION FARMING

Dynamic weighing device

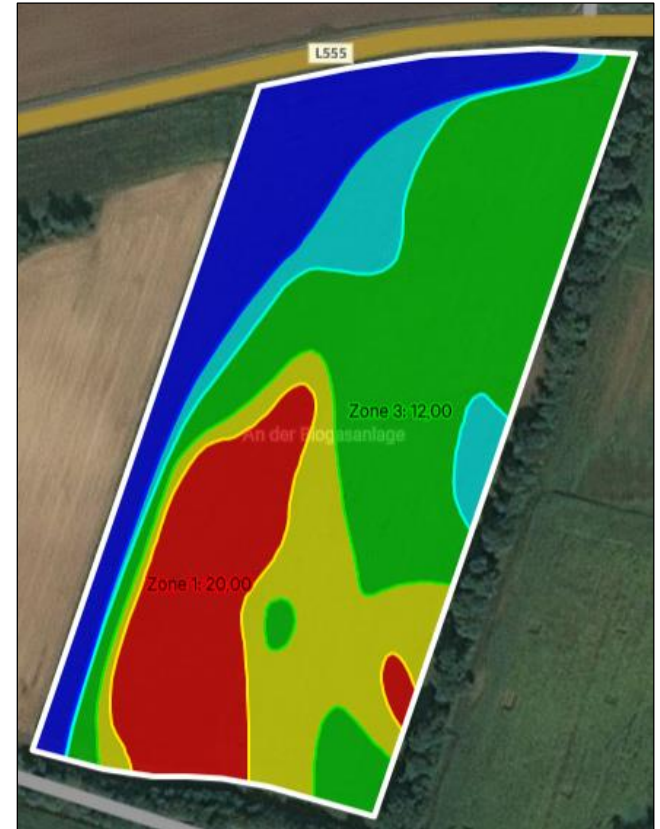
- New weighing system with permanent monitoring of weight reduction
- Benefit:
 - Top-accuracy discharge according to weight
 - The transport floor speed is actively controlled in particular in case of inhomogeneous spreading materials to discharge the desired nominal quantity
 - The yield per hectare is considerably increased.
 - The ground is provided with nutrients according to its needs.



- Weighing rods are connected with the weighing ECU
 - VS 2005: 6 weighing rods
 - PS 2401: 8 weighing rods
 - PS 3401: 10 weighing rods
- Weight reduction is measured at very short time intervals
 - Permanent alignment of the actual weight reduction with the desired discharge quantity
 - Permanent adaptation of the transport floor speed
- Inclination sensor corrects the weight shifts in horizontal direction
 - E.g. travelling on slopes



- Easy read-in of application maps
- Different ground zones in one area can be fertilised at different discharge quantities
 - Considerable increase of yields
 - Perfect supply of inhomogeneous ground conditions within an area
 - Valuable fertiliser is discharged where it is required
 - Costs are minimised, benefit is increased



- Mode of operation:
 - Machine position in the area is determined via GPS
 - The nominal discharge quantity stored in the zone is adopted
 - The transport floor is controlled such that the correct nominal quantity is discharged

- Easy read-in of all common file formats of application maps from the field catalogue

