



ESV (Electrical Stop Valve)



Electrical Stop Valve to control individual nozzles in a field spray boom.

Advantages:

- Energy storage device with boost- and buck-mode (patented)
- Very precise application thanks to individual nozzle control
- Ability to communicate with ISOBUS
- Simple cabling allows easy upgrade
- Very robust thanks to encapsulated electronics and ventilation of the valves
- Low power consumption thanks to charge control and energy storage device



| Designation | Ordering no. |
|---|------------------|
| Valve inside (black) | 065.288.00.00.00 |
| Valve outside (grey) | 065.288.00.01.00 |
| Terminating resistor | 065.288.00.30.00 |
| Adapter box | 065.288.00.50.00 |
| Adapter box for intermediate power supply | 065.288.00.51.00 |
| Extension cable 2.5 m | 065.288.00.20.00 |



Power consumption
Max. 120 mA



Emergency stop
(at input voltage < 8V)



Switching valve
open: 0.3 sec
close: 0.45 sec



Protection class connectors
IP68

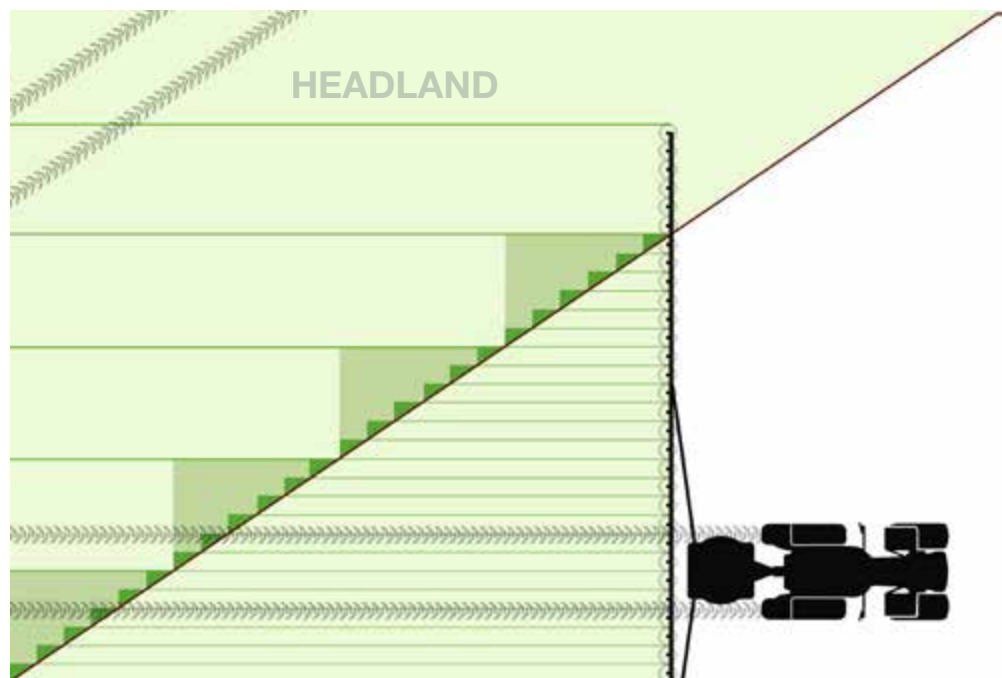


Material
PA, POM, PVDF, Viton®, stainless steel



Pressure range
Max. 8 bar

Comparison of 3 m and 0.5 m part-width sections



Single nozzle control with the ESV
Part-widths of 50 cm and 25 cm possible
Example: 24 m working width with 50 cm nozzle spacing

- = sprayed once
- = overlap with 3 m part-width sections
- = overlap with ESV

