

# **DAMMANN**<sup>®</sup>



*Pflanzenschutztechnik  
Fahrzeugtechnik  
Airporttechnik*

## **D-A-S**

# **Dual-Air-System**

Plant protection with air support





## The Dual-Air-System D-A-S (option)

The intelligent solution for the environmentally conscious economist.

The declared goal of Herbert Dammann GmbH is to support precise, economic and environmentally friendly plant protection. The 40 years long experience of constructing plant protection machines is visible in the new Dual-Air-System developed by Herbert Dammann GmbH. It is characterized by the double air routing in front of the nozzle and at the back of the nozzle which stabilizes the spraying jet. Arguments that speak for the Dual-Air-System:

- » Low drift when spraying low crops and bare soil
- » Bigger independence of the weather effects – time windows for operations are increased
- » Higher driving speed, which increases the area efficiency
- » Constant agent build-up in the crop
- » Better crop penetration, especially for special plantations, such as vegetables, salad or potatoes
- » The substance is sprayed onto the target surface even in higher crops due to the strong air jet.
- » Better agent build-up decreases the evaporation loss at high temperatures
- » Reduction of agent and water quantities



Without D-A-S



With D-A-S





Option HD-Night LUX



Optional flange plate





- ▶ The desired air volume can be set via the ISOBUS terminal.
- ▶ For liquid distribution all JKI-approved flat jet nozzles can be used.
- ▶ For liquid fertilizer application different types of nozzles can be used.
- ▶ Parts of the boom are made of aluminum, thereby a relatively low boom weight is achieved.
- ▶ The slope compensation takes place via double cylinder control.
- ▶ The dual-air system is available for all devices and working widths (except trailed sprayer „Land Cruiser“).
- ▶ Rated power of the D-A-S blower:  
15 m - 28 m working width 0 - 45,000 m<sup>3</sup> / h  
30 m - 36 m working width 0 - 60,000 m<sup>3</sup> / h

HERBERT DAMMANN GmbH  
Dorfstr. 17  
21614 Buxtehude-Hedendorf  
Tel.: +49 4163 8163 - 0  
Fax.: +49 4163 8163 - 71  
Web: [www.dammann-technik.de](http://www.dammann-technik.de)  
Mail: [info@dammann-technik.de](mailto:info@dammann-technik.de)