

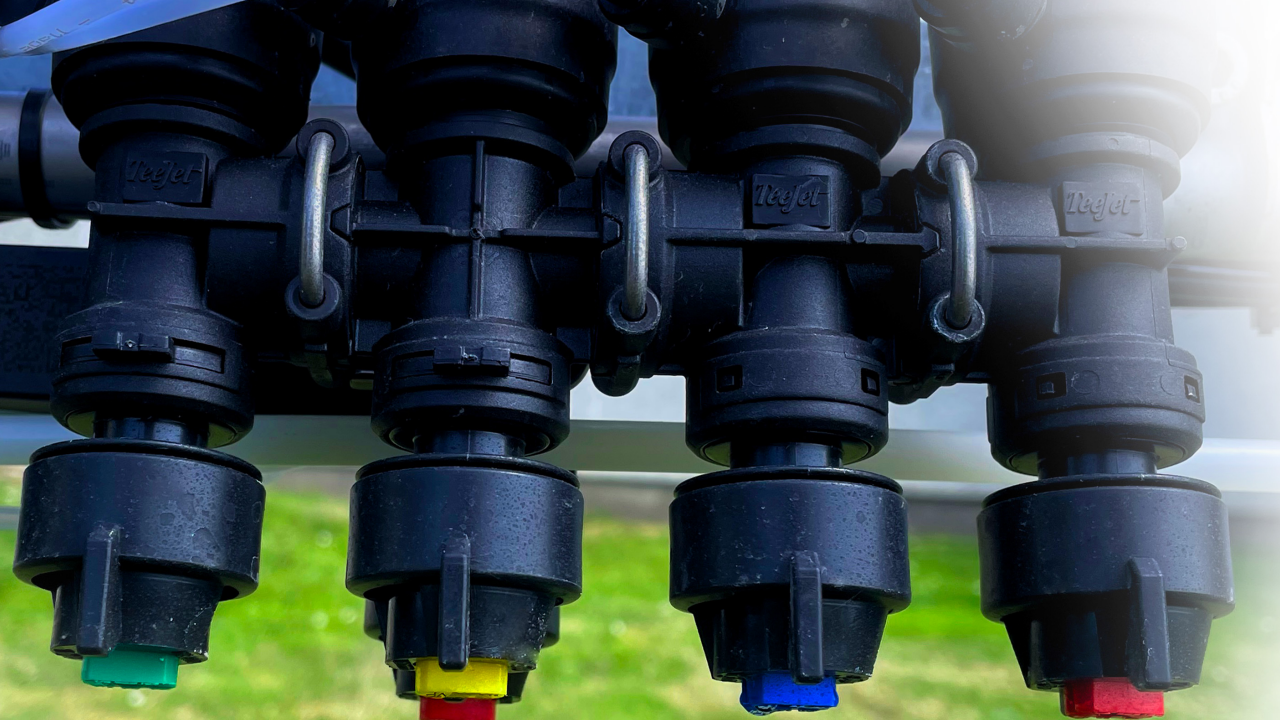
ARE YOU READY TO UPGRADE YOUR SPRAYER?



DYNAAIR

NOZZLE SWITCHING SYSTEM





Spray smarter, clean faster, and mix better

with DynaAir, our pneumatic Nozzle Switching System engineered to eliminate spray inefficiencies and enhance precision – automatically.

Individual, A/B, cluster, or in section nozzle switching, this adaptive solution allows for matching the field conditions on the fly: **From Cab - to Tip - to Crop.**

 **DYNAAIR**

Technology to Address Critical Needs



Up to 254 controllable sections significantly reduce double applications by minimising overlap = **Minimise damage to crops**



In-cab nozzle switching = **No downtime and safer operations**



Automatic pressure targeting = **Optimal droplet size regardless of speed**



Turn compensation = **No over/under-application on curves**, ensuring uniform coverage

13

Km/h
SPEED

2.0

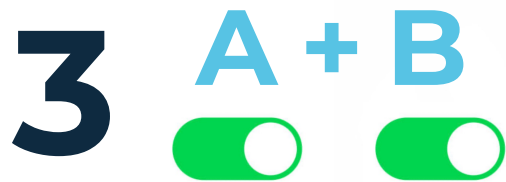
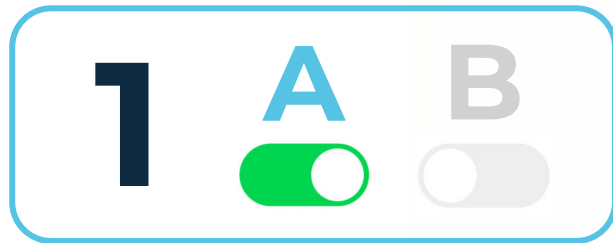
Bar
PRESSURE






VC
DROP SIZE

A/B, A+B = Adaptive Solution

How it works? Think of Nozzle combinations as gears. Each gear can be turned on/off by the rate controller while driving in the field.



Extend:

-  Working Speed
-  Flow Range
-  Application profiles

without compromising the spray quality by just switching the gears on your terminal.





Mix and Match

With the DynaAir Nozzle Switching System, you gain on-the-fly adaptability to match any field condition, crop, or application requirements with optimum pressure and droplet size at any speed.

Adapt instantly to changing field needs without stepping out of the cab



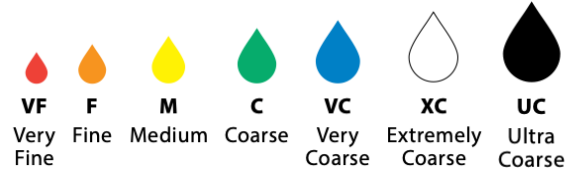
Multiple crops



Multiple spray jobs



Different droplet size



Buffer zones and sensitive areas

Pressure Recirculation

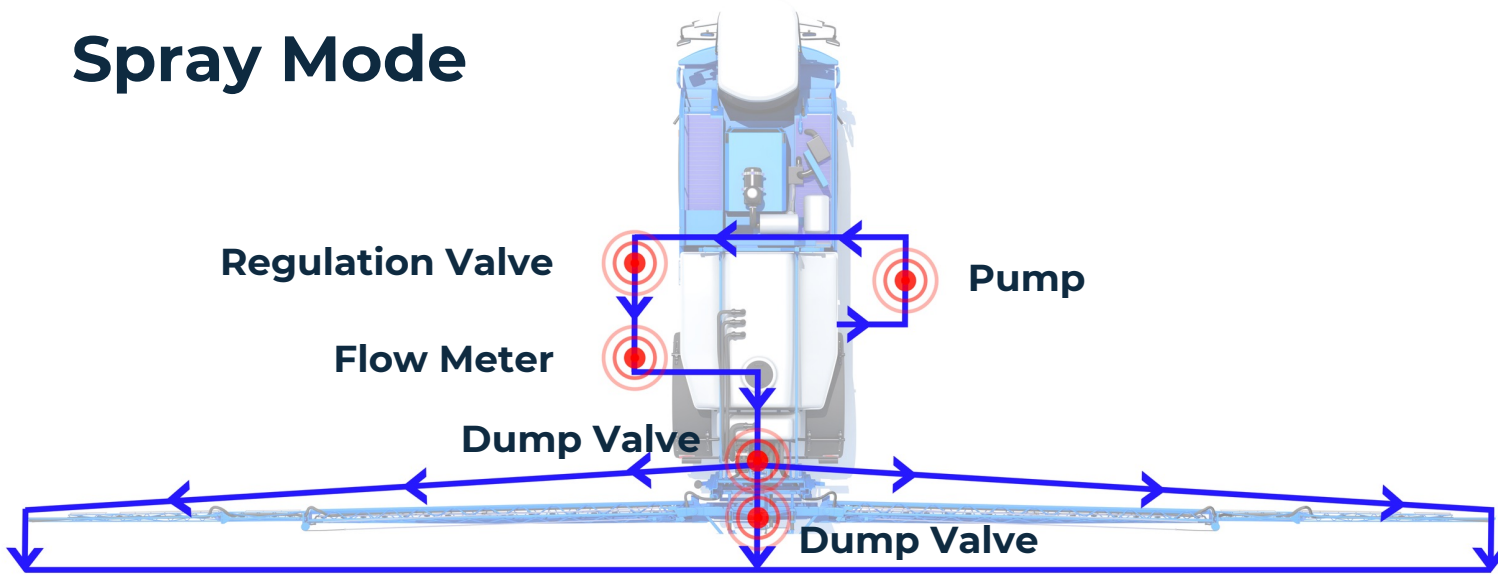
Immediate, Even Chemical Delivery



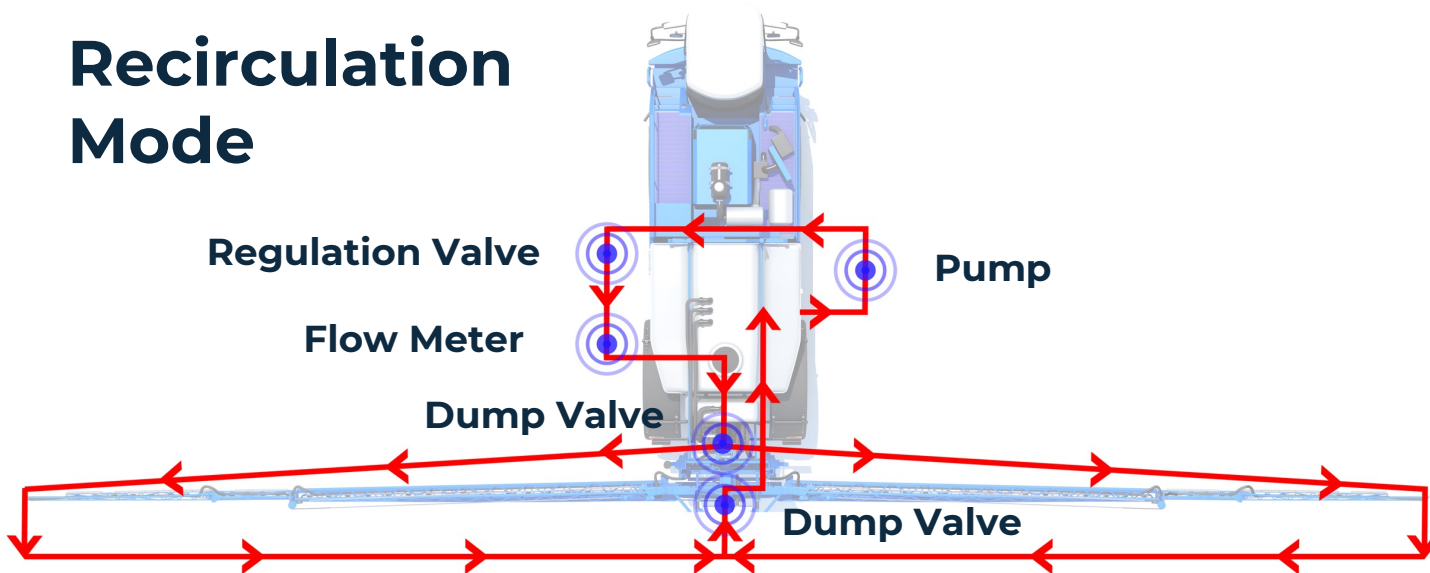
“ Keeps chemical mix at nozzle tip, reducing spray lag and ensuring consistent application. ”

- ⊙ Reduces pressure around sensitive crops
- ⊙ Better cleaning of the spray lines

Spray Mode

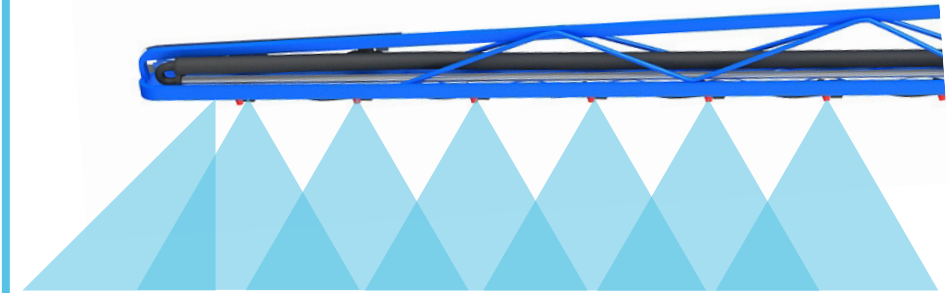


Recirculation Mode

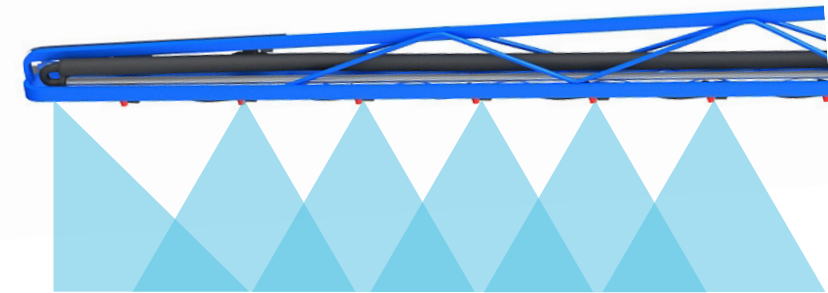


WHAT ELSE?

Fence and Edge Nozzles Feature to enhance spray application coverage at the end of the boom.



All Nozzles are On plus the Fence Nozzle points out to **cover all crops**.

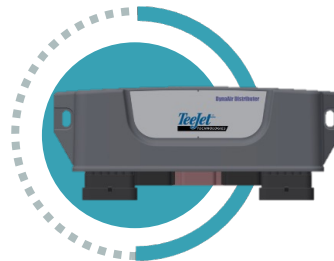


The End Nozzle is Off and the Edge Nozzle points inwards to **limit overspray**.



Air Chem Saver

- Good for high application rates
- Fast on/off - 0.25sec
- Different seal options - depending on chemicals used



Air Distribution Module

- Easy to install module
- Locate at the back of the machine
- CAN-Bus connection

DYNAAIR COMPONENTS



CAN Air Module

- Flexible Installation of the modules on the boom
- Electronics away from nozzle bodies and sprayed chemicals
- Can drive up to 40 Air Chem Savers – 10 per output



DynaRate

- Spray Job computer that boost sprayer's capabilities
- Fast Regulation mode
- Multiple rates across the boom

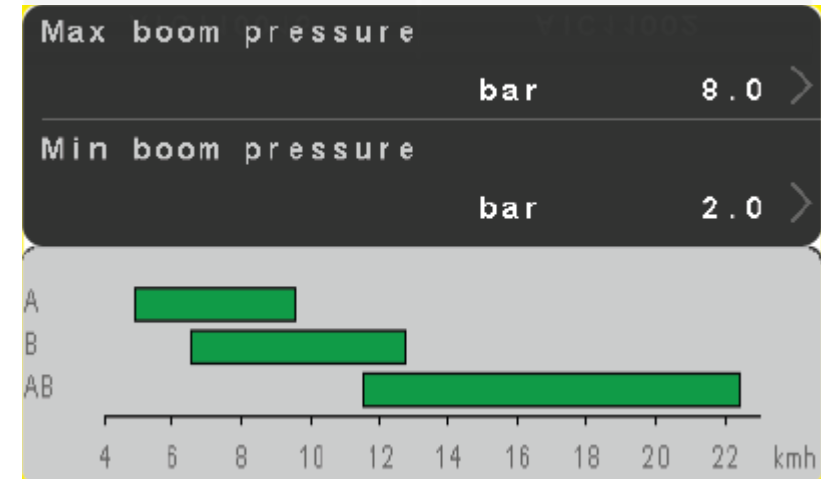
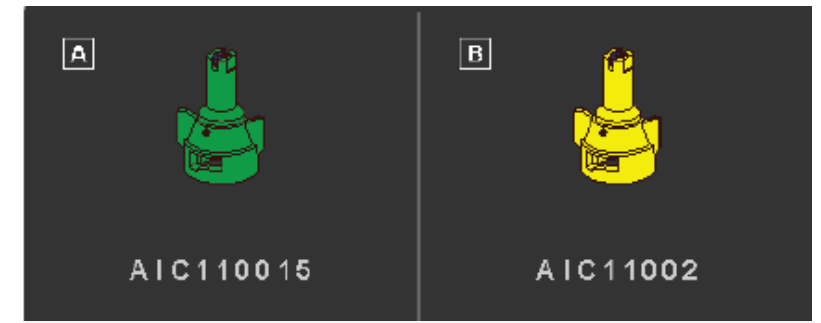


Compact QJS nozzle body

- Adjustable to meet all boom configurations

From Cab - To Tip

Need help finding the right nozzle capacities? The DynaAir user interface will get you covered. Find the right capacity on your terminal.



With capacity 015 and 02 it is possible to drive for the desired application rate:

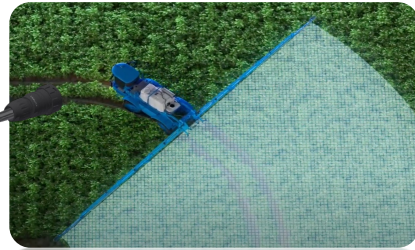
- 5 – 10 km/h with capacity 015
- 7 – 13 km/h with capacity 02
- 12 – 22 km/h with 015 + 02

Plug, Play and Spray

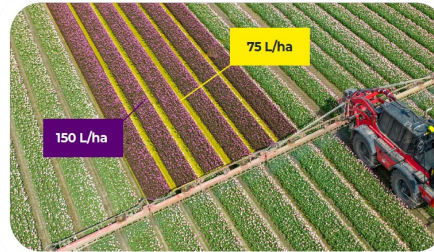
DynaAir is an upgradable and modular solution, based on the DynaRate platform, that simplifies OEM installation while enabling seamless feature unlocks. Designed for flexibility and future-proofing, it empowers manufacturers to adapt quickly, scale effortlessly, and stay ahead with evolving technology—unlocking new value at every stage.



Spray Job Computer for advanced spray control and feature unlocks



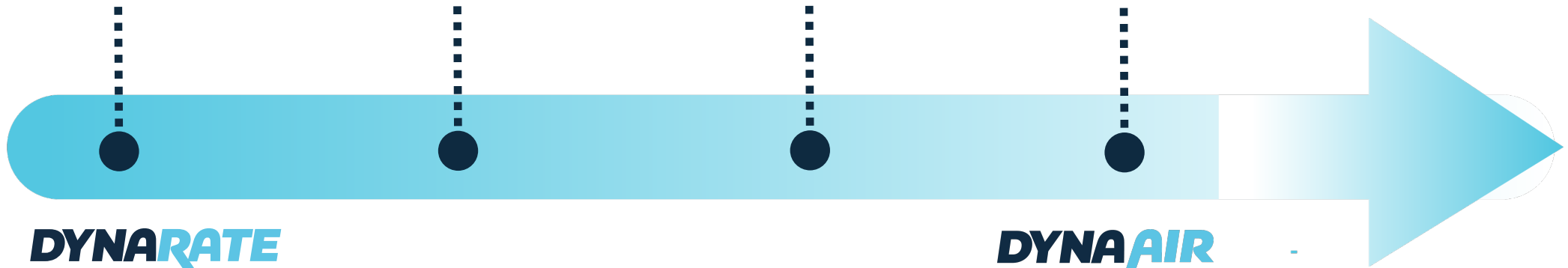
Turn Compensation
To eliminate under/over-dosing in turns



Variable Rate Application
for efficient spraying and saving on inputs



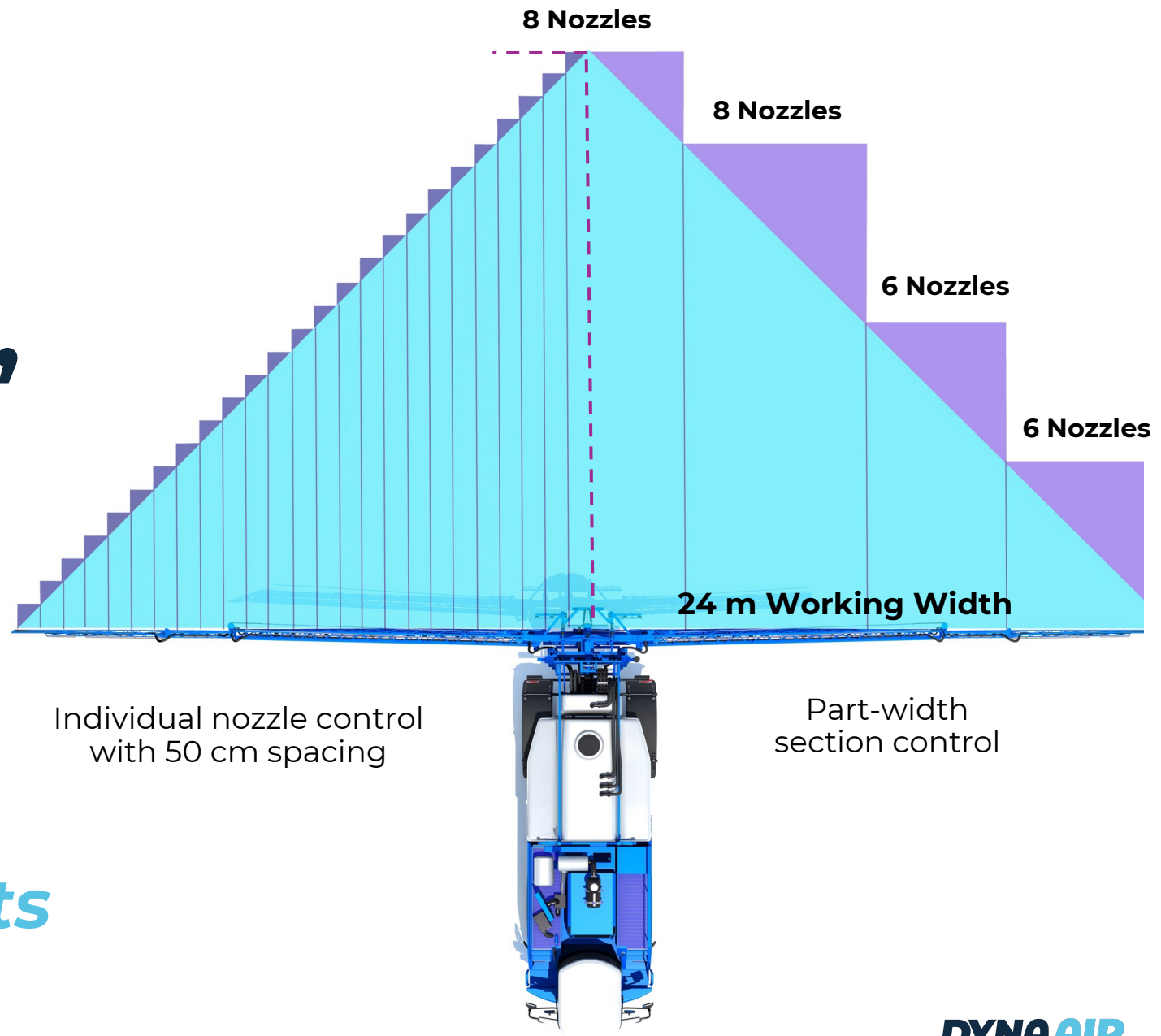
Air Modules: Individual, A/B, A+B, Cluster, sections for adaptive nozzle switching



More Sections, More Savings

- Reduce chemical used
- Reduce double sprayed areas
- Reduce water usage

= Save on Inputs





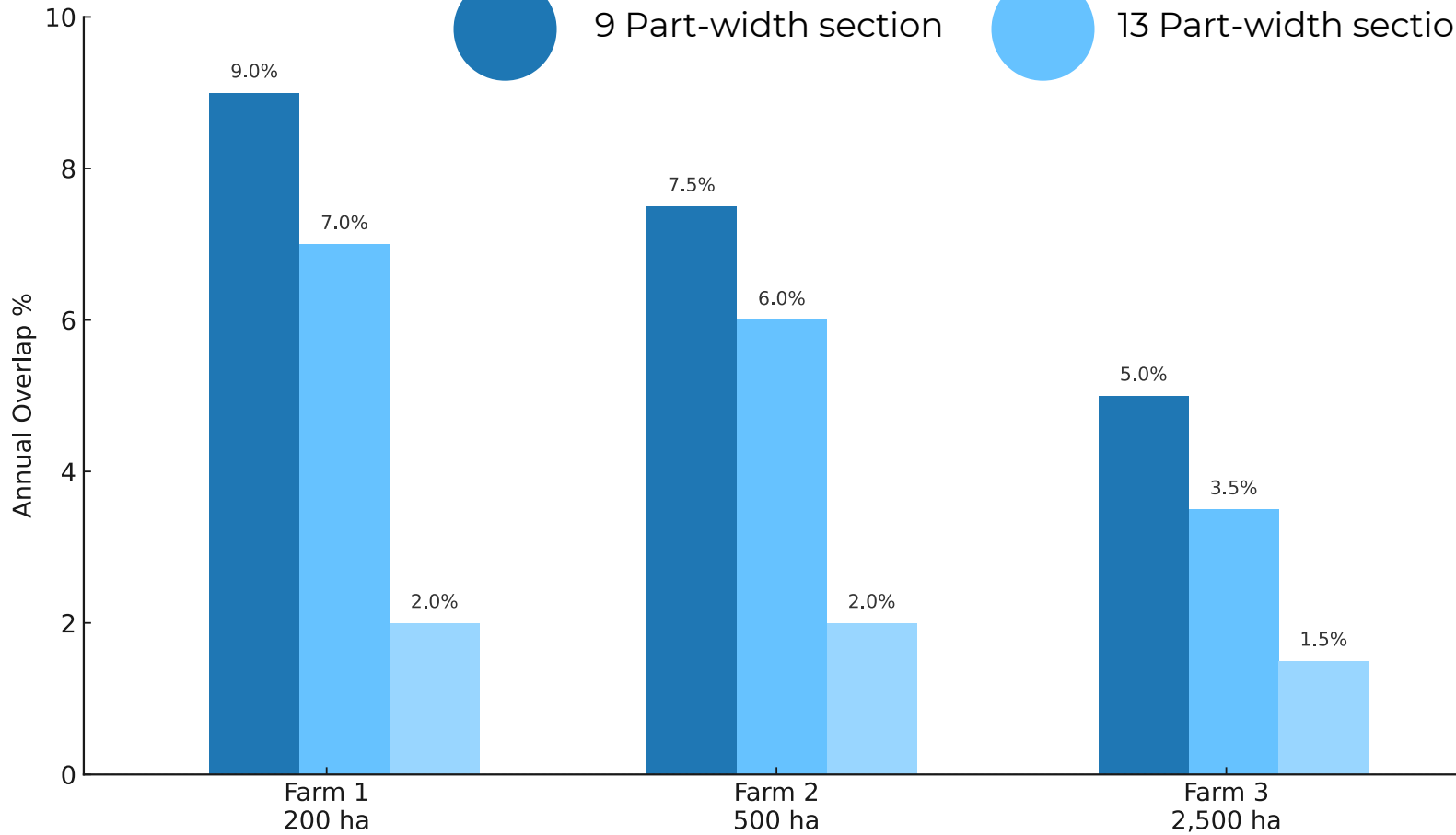
9 Part-width section



13 Part-width section



50-cm Individual nozzle control



OVERLAP ZOOMED IN

Farm Size

Small (<300 ha)

Medium (300–500 ha)

Large (>1,500 ha)

Expected Overlap Reduction

7 – 8 %

4 – 6 %

3 – 4 %

Adopting Individual Nozzle control can reduce overlap to **as low as 1.5%**, minimising chemical waste and environmental impact.



DYNA *AIR*

