

# ***RANGE AIR SPRAY SYSTEM***

# **RANGE AIR**



## **PRODUCT INFORMATION GUIDE**



**FURROW  
MANAGEMENT  
SYSTEMS  
AUSTRALIA**



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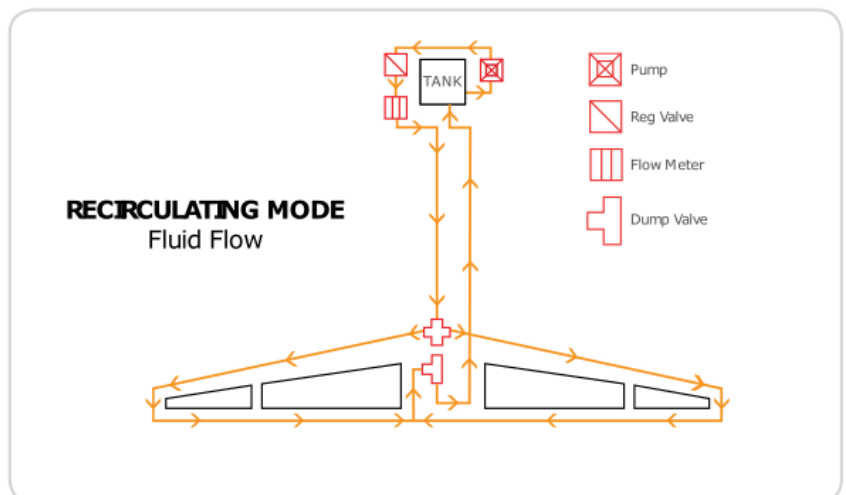
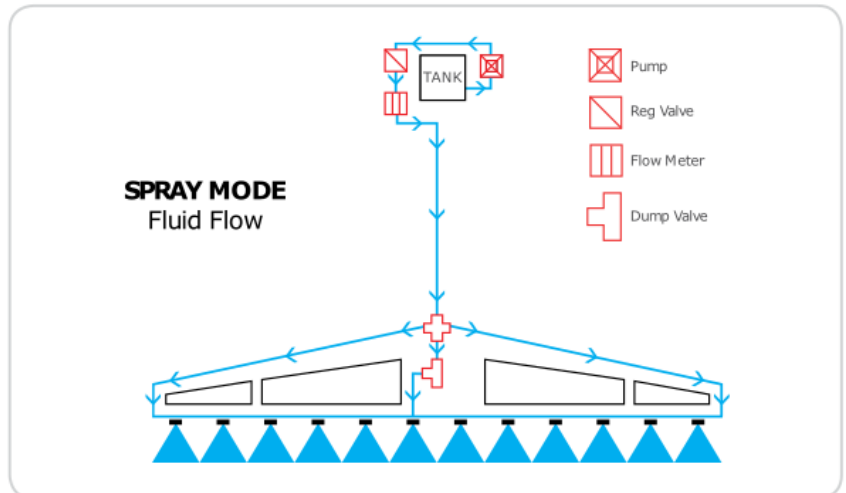
# Boom Recirculation Systems (BRS)

THE BRS allows the boom to be plumbed in a single boom line recirculation configuration.

This means when the master switch (dump valve) is switched in the OFF position, the flow continues to travel through the boom and back to the tank.

The BRS prevents heavy particles from settling in the boom line by allowing the full flow of the pump being returned to tank when not spraying, helping to prevent possible contamination.

BRS also helps keep the chemicals agitated and the boom primed for the recommencement of spraying in the current field or the beginning of a spray job in a new field.



- Common-Rail Boom System
- Automatic Full Boom Prime
- Three Tier System Ready

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# Range Air: Section and Tier Control



## Functions & Features

- Recirculating boom keeps product moving and suspended.
- Three Tier function allows a wider rate-range at higher speeds.
- Pressurised rail means faster ON/OFF times, minimising fan pattern distortion.
- No electronics on the boom.
- Increased auto-height performance by reducing weight on the boom.
- High precision and low maintenance.
- Fertiliser and chemical resistant, fully sealed cabinet.
- Multiple control system options to suit almost any spraying system.



\*Available as a complete rate control package including ECUs from Topcon, Raven or Arag, or integrate as a stand-alone system utilising line controllers and WIFI wireless functionality to create a bolt on package. Wireless run screen, settings, section and tier operation on IOS or Android.\*

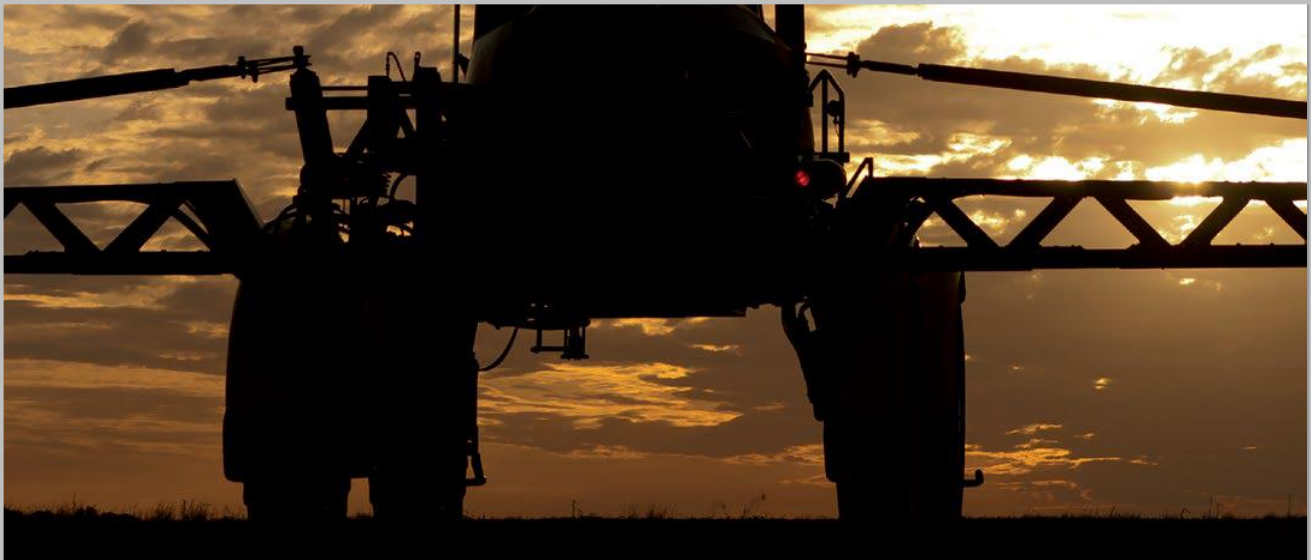
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# Three Tier System (3TS)

A Three Tier System provides three different nozzle configurations using a combination of nozzles, giving operators more versatility while spraying.



*Example: A typical 3 Tier System at 250mm spacing.\**

As acceleration starts,  
01 nozzles activate and  
operate from 8 to 12  
km/h

As acceleration  
increases, 01 nozzles  
turn OFF at approx.  
12km/h, 015 nozzles  
turn ON and spray up to  
15km/h

As acceleration  
increases from 15km/h  
to 25km/h, 01 + 015  
nozzles will be spraying  
(01 + 015 = 025)

*\*Note: other nozzle spacing's are available*

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# SeleJET Nozzle Actuators

The SeleJET is an AIR OPERATED NOZZLE SHUT OFF valve for each nozzle and can be configured in sections and/or as a 3-Tier System.



SeleJET Single for Single Tier or offset 3TS



SeleJET Twin for Three Tier



SeleJET 2 + 2 Rotational Head for Three Tier  
+ an Additional Nozzle Configuration

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