

*Big thinking*

# SELF-PROPELLED

SPRAYER GUIDE



CLAAS Harvest Centre

**CLAAS**

Out here, there's

# No room for small



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## IN BROADACRE SPRAYERS, EVERY DETAIL IS A BIG DEAL

At HARDI Australia, we combine the world's best innovations in spray technology with a deep, local knowledge of what makes broadacre farming tougher here than anywhere else.

We understand that timing is everything. We know quality drives productivity, and innovation brings efficiency.

We know support from your dealer can be as critical as rain.

But above all, we know you can't afford to compromise on your most important piece of farm equipment. And that's why we build broadacre sprayers the way we do – right here in Australia, for Australian farmers like you.

# CLAAS Harvest Centre

Conveniently located at Geraldton, Northam, Katanning and Esperance, CLAAS Harvest Centres are Western Australia's HARDI Self-Propelled Sprayer specialists.

The CLAAS Harvest Centre retail network is a leading Australasian agricultural machinery dealership backed by over 40 years of hands-on industry experience. Instead of offering one brand of machinery for many different farming applications, CLAAS Harvest Centres hand-picks world-class manufacturers that lead their field – including HARDI Australia, the local subsidiary of global sprayer specialist HARDI International.

Western Australia's CLAAS Harvest Centres are your connection between HARDI's unrivalled expertise in self-propelled spraying technologies and the knowledge, support and service that only a true local can provide.

Together, we bring you quality, performance and productivity – plus vital support to ensure you get the best from your equipment, your chemical, and your land.



## **CLAAS Harvest Centre – GERALDTON**

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### **Branch Manager**

Wesley Stephens – 0439 415 595



## **CLAAS Harvest Centre – NORTHAM**

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### **Branch Manager**

James Moss – 0400 623 093



## **CLAAS Harvest Centre – KATANNING**

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### **Branch Manager**

Mike Rus – 0409 139 968



## **CLAAS Harvest Centre – ESPERANCE**

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p 08 9071 4080

### **Branch Manager**

Damian O'Niell – 0488 919 475

Maximum productivity  
**RUBICON**



- ▶ 9,000 litre tank
- ▶ Unique HARDI boom ride
- ▶ Unobstructed boom view
- ▶ Unparalleled operator comfort

#### KEY SPECIFICATIONS

Tank Capacity	6500 / 9000 l
Pump	650 l/min run-dry centrifugal
Controller	ISOBUS
Engine (9000)	370HP Cummins QSL 9 Tier 3A
Engine (6500)	330HP Cummins Tier 3A
Transmission	Danfoss H1 Hydrostatic
Clearance	From 1.85 m
Track	3.0 – 4.0 m hydraulic adjust.
Tyres	480/70/R54 (9000) 480/95 R54 (6500)
Length, Height, Width	12.3* x 4.2 x 3.68 m <i>*48.5 m boom; 10.2 m for 36.5 m boom,</i>

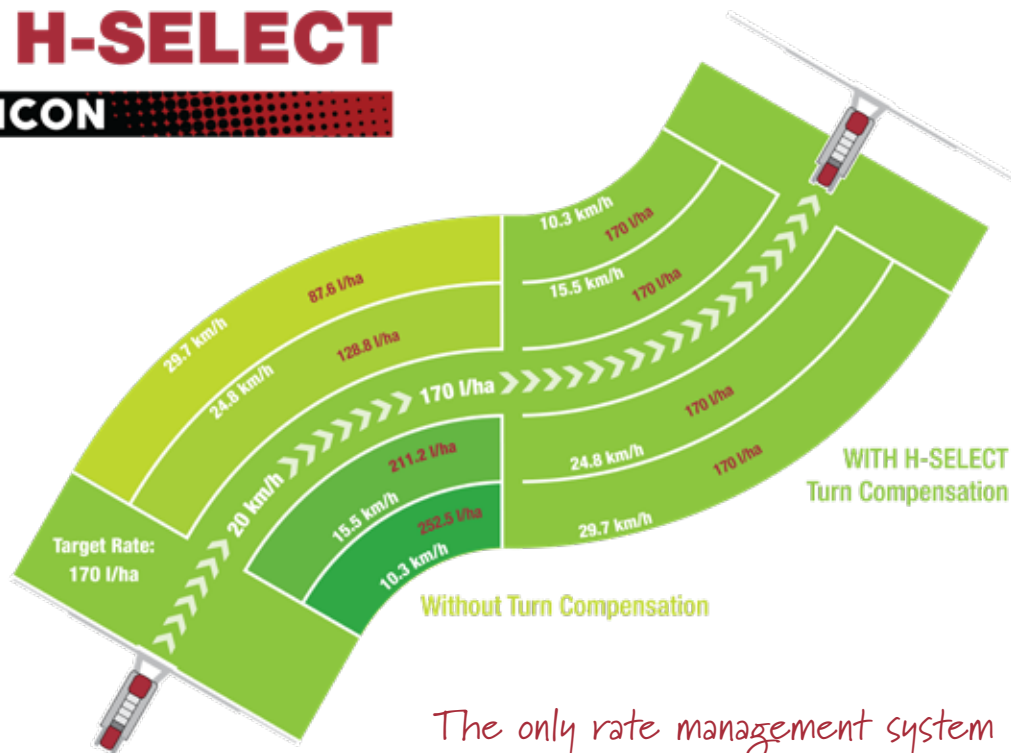
#### BOOM OPTIONS

Aluminium	RA	36.5 m or 48.5 m 14 Sections
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## Acre-eating performance with a great view

When time is everything, a larger tank saves transit and refill delays so you can keep spraying. With its height-controlled 48.5m boom RUBICON lets you treat 170 ha/hr at recommended water rates. This provides the capability to spray over 1,000 hectares a day.

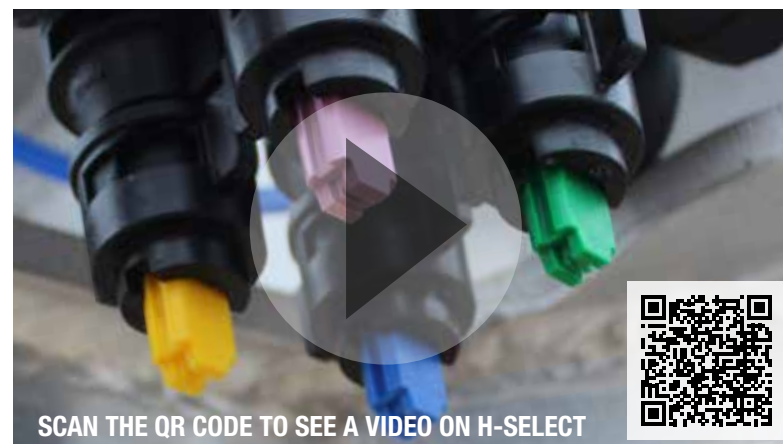
# NEW NOZZLE CONTROL TECHNOLOGY



*The only rate management system for booms larger than 36m*

## EXCLUSIVE to HARDI

H-SELECT offers enhanced application rate management across a considerably broader speed range. By switching between up to four nozzles per spray head, H-SELECT maintains a precise dose set point and droplet size on the widest booms. Droplet size can even be adjusted on the go, via the in-cab run screen.



## ISOBUS

RUBICON is fully ISOBUS ready. This provides the flexibility to install the guidance system you are familiar with, to gain Full AutoSteer, Rate Control, Tank Monitoring and much more.



## FATIGUE-FREE SPRAYING

From 3.4m up, a commanding view of the boom and crop is within your immediate field of view. A ride of unparalleled comfort with no need to constantly turn around will leave you less fatigued at the day's end.



## CONVENIENT OPERATION

A stainless steel filling station swings down from inside the RUBICON to a 700mm working height, for easy access to the 60 litre Chemical Hopper, Direct Chemical Suction point and Fast Fill (water) connection.

# Unrivalled boom performance

## SARITOR 62 Active



### New features and unrivalled boom performance

The all new HARDI SARITOR 62 Active reaches a higher level of performance, with competitively priced features and HARDI's unique boom ride. A powerful new engine and stainless steel tank make it ideal for long, demanding days of spraying.

### SARITOR'S NEW FEATURES

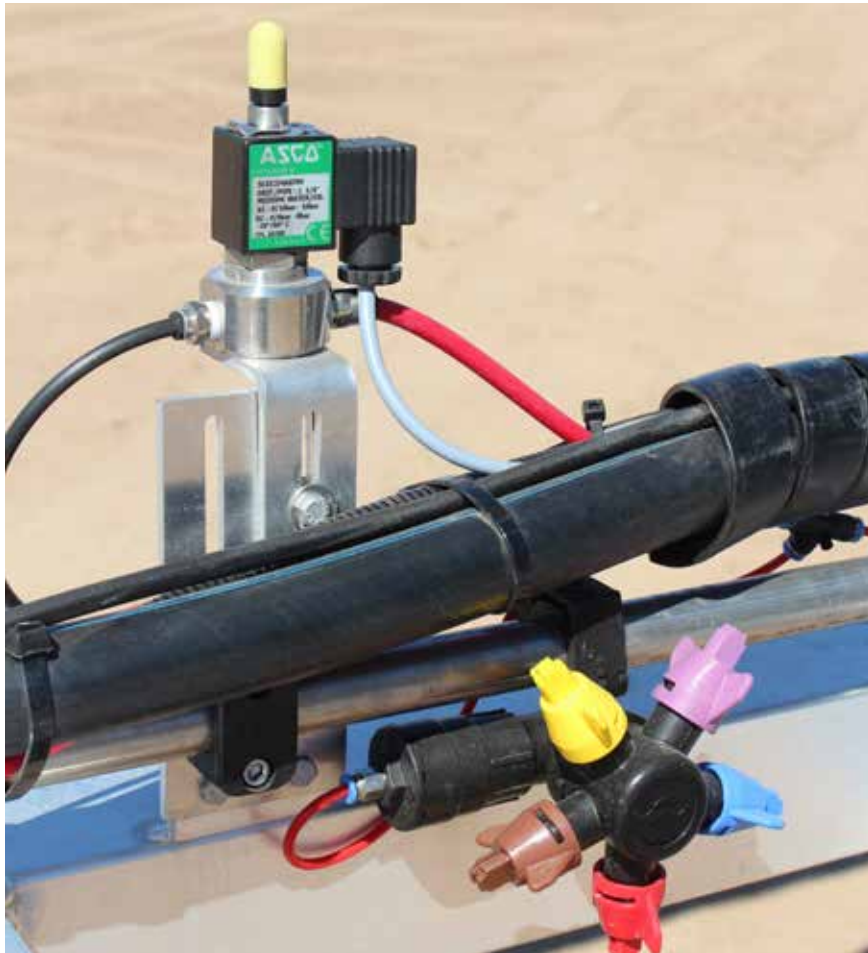
- ▶ 6200 litre stainless steel tank
- ▶ 300 HP Cummins engine
- ▶ ActivAir Nozzle Control
- ▶ New Panorama cab

### KEY SPECIFICATIONS

Tank Capacity	6200 l
Pump	650 l/min run-dry centrifugal
Controller	ISOBUS
Chemical Transfer	35 l TurboFiller
Engine	300HP Cummins QSB 6.7 litre
Transmission	4WD Danfoss Hydrostatic
Clearance	1.45 m (480/80 R50 tyres)
Track	3.0 m – 3.5 m manual adjust.

### BOOM OPTIONS

Aluminium	B3 Mega	48.5 m
Aluminium	TR5	36.5, 38.5, 40.5, 42.5 m
Steel	TERRA FORCE	36, 38, 40, 42



# ActivAir NOZZLE ON/OFF

Instantaneous control of nozzles and sections.

HARDI's ActivAir rapid nozzle on/off system uses Saritor's onboard air supply to instantaneously open and close nozzles on demand.

Solenoids along the boom ensure precise, immediate switching for spraying and AutoSection activation. Coupled with HARDI's precision spray nozzles, the result is on-demand switching without any dripping or waste.

A fluid recirculation system maintains operating pressure when nozzles are off. This ensures the nozzles start spraying at the correct rate as soon as they are activated. It also makes it simple to flush and rinse the boom without having to empty the rinse solution into the environment.



## UNIQUE HARDI BOOM RIDE

Capitalising on HARDI'S 30 years of experience, Saritor uses a wide Paralift centre with AutoTerrain control to deliver a smooth boom ride and precise height control, for optimal spray application.



## FAST, EASY FILLING

The centralised WorkZone with Ground Control console makes it easy to manage Saritor's tank valves, venturi, pump, boom flushing, tank agitation and rinsing, all from a single point.



## NEW PANORAMA CAB

A large, quiet, pressurised Cat 4 cab offers superb visibility and comfort, with your preferred choice of ISOBUS controller for precision guidance and sprayer operation.

# Intelligent capacity **ALPHA**



## A new standard in broadacre crop sprayers

The new ALPHA brings high capacity and low weight to broadacre cropping – to minimise soil compaction and boost productivity. Powerful engine, hydraulic track adjustment, TWIN AIR option and HARDI's unique boom ride all make ALPHA the ideal crop sprayer.

- ▶ *NEW* 5100 litre tank option
- ▶ Light footprint
- ▶ TWIN AIR compatible
- ▶ 4-wheel steering option
- ▶ Hydraulic adjustable track width

### KEY SPECIFICATIONS

<b>Tank Capacity</b>	<b>4100 / 5100 litre</b>
<b>Empty Weights</b>	9450 / 9470 / 11600 kg
<b>Pump</b>	HARDI 464 diaphragm pump
<b>Controller</b>	HC 9600 12.1" touchscreen GPS / ISOBUS
<b>Chemical Transfer</b>	120 l/min TurboFiller
<b>Engine</b>	245 HP Deutz Stage IV/Tier 4f
<b>Transmission</b>	Four-wheel Danfoss hydrostatic EcoDrive

### BOOM OPTIONS

Aluminium	TR5	32.5 m, 36.5 m, 38.5 m 40.5 m, 42.5 m
Air Assisted	TWINFORCE	24.5 m, 28.5 m, 30.5 m





TWIN AIR OFF



TWIN AIR ON

# HARDI TWIN AIR

## Take control of spray drift *and* the weather

For more than 30 years, HARDI's TWIN AIR system has been the world leader in air-assisted spraying. The powerful, productive system uses a curtain of air to control spray, directing the full dosage into the crop and creating air turbulence to ensure complete coverage.

TWIN AIR's unique forced air curtain also works to contain the spray in adverse wind conditions, and has been proven to minimise drift in demanding European field trials.

This makes TWIN AIR ideal for spraying crops where spray drift could affect adjacent crops, stock, or neighbouring properties.

It also opens a much wider 'weather window' allowing you to keep spraying accurately when conditions have forced other sprayers back into their sheds.



### TWIN AIR READY

The option of HARDI TWIN AIR booms means ALPHA can spray in a wider weather window and maximise your productivity.



### ISOBUS COMPATIBLE

New ALPHA includes full ISOBUS compatibility, giving you the freedom to install your preferred guidance system.



### PRECISE RATE CONTROL

Pressure sensors integrated in the liquid system allow the spray computer to maintain a precise flow rate at all speeds.

NOW IN AUSTRALIA...

Light and affordable

# HELLIOS

Our newest self-propelled option



- ▶ Ultra light weight
- ▶ 1.8 to 3.0 m track options
- ▶ Tight turning circle
- ▶ Unbeatable value

## A productivity driver at a perfect price

With the option of a 1.8 m track width for row crops, plus outstanding manoeuvrability and visibility over a front boom, all new HELLIOS puts the features and productivity of self-propelled spraying within easy reach of smaller operations.

### KEY SPECIFICATIONS

Tank Capacity	3000 litre
Empty Weight	6300 kg
Chemical Transfer	35 l induction hopper
Track Width	1.8 m, 2.0 m and 3.0 m
Engine	140 HP Deutz diesel
Transmission	Hydromechanical rear axle Front wheel hydraulic assist

### BOOM OPTIONS

Aluminium	RHA	36 m
Aluminium	TR4	24 m – 30 m



# Advanced transmission

## Hydromechanical transmission advantages

The unique hydromechanical power train in HARDI HELLIOS is designed to provide maximum torque to each wheel, as and where it's needed. The system allows power to be distributed fluidly, ensuring better traction on soft or steep ground and making more efficient use of the engine's power.

The weight savings of optimising a smaller engine, along with the lighter hydromechanical drive system, all help to keep HELLIOS' weight to a minimum without compromising traction.

The solution is ideal for row-crop spraying, where ground is often wet and where soil and crop compaction must be kept to a minimum.



### FOUR WHEEL STEERING

Optional four-wheel steering gives HELLIOS the ability to manoeuvre in tight headlands and on smaller properties.



### FRONT BOOM VISIBILITY

The front boom and panoramic cab windows give an ideal view of spray operations, for superior accuracy and comfort.



### FATIGUE-FREE COMFORT

Category 4 cab offers safety, visibility and control, while multi-layer airbag suspension ensures a smoother ride.

# HARDI PARAGON AL

...because there's a lot more to boom performance than aluminium.

With over 30 years of experience and know-how behind us, HARDI's unique experience in boom set-up is a million hectares ahead of the competition.



Every time you spray with a HARDI Paragon boom, our expertise will be hard at work protecting your investment in equipment and chemical. HARDI's unique boom ride delivers:

- Consistent nozzle height control
- Improved spray accuracy
- Near-zero chance of ground strike
- Lower forces on the boom and sprayer

HARDI Paragon booms are integrated with our advanced boom centres to achieve reliable and repeatable stability, ride control and target height maintenance.

Our unrivalled AutoTerrain and AutoHeight technologies provide accurate contour following and crop clearance – essential for precise spray application.



PARAGON

DELIVERING TIP-TO-TIP  
INTEGRATION OF BOOM,  
CENTRE AND SPRAYER.

- ▶ Boom structures from 24 m to 48.5 m
- ▶ Unrivalled AutoTerrain to follow field contours
- ▶ Sophisticated AutoHeight systems maintain optimum spray distance
- ▶ H-SELECT compatible for HARDI RUBICON (See p.4)

SCAN THE QR CODE FOR MORE



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