## BROADACRE TRAILED SPRANRANG

BUYERS' GUIDE • 2024 CROPLANDS.COM.AU

**CROPLANDS IS COMMITTED TO A SUSTAINABLE FUTURE** 







We've been building sprayers for over 50 years. In that time, our range has continually evolved to meet the changing needs of Australian growers.

Our growth is reflected in the success of our customers. When they're able to protect their crop with a sprayer that's efficient and reliable, they prosper. Croplands sprayers are built with a respect for Australia's tough and varying terrain. Engineered to endure, this equipment provides growers with the confidence to take on paddock after paddock. Saving time, reducing costs and maximising productivity. And with a broadacre range that features tank sizes from 3000 up to 13000 litres, there's a machine to match every grower's needs.

PEGASUS

### BROADACRE TRAILED SPRAYRANGE

04-05	CROPLANDS SPRAYERS
06-07	PEGASUS 8000 & 7000
08-09	PEGASUS 8000 FEATURES
10-11	PEGASUS 7000 FEATURES
12-13	PEGASUS 6000 & 5000
14-15	PEGASUS 6000 & 5000 FEATURES
16-17	PINTO 4000 & 3000

18-19	PINTO 4000 & 3000 FEATURES
20-23	SONIC BROADACRE
24	LINKAGE SPECIAL
25	MAGROWTEC
26-27	SELECTION GUIDE
28	DEALER LISTING





Engineered with the latest technology, our sprayers are as highly durable as they are easy to operate. They set the standard for reliability and efficiency, providing growers with confidence in their performance season after season.

### **Top-quality tanks**

- Versatile tank sizes to match the scale of any operation, ranging from 3000 to 13000 litres.
- Hard wearing and long lasting with UV and chemical-resistant technology.
- Chemical suspension optimised with Venturi agitation. Recirculation on Pegasus models provides next-level agitation.
- Boom prime/recirculation/flushing system is standard on Pegasus 8000 and 7000 models. Optional on 6000 and 5000 models.
- All models are equipped with flushing tanks that provide first-class boom hygiene and rinsing functions for a comprehensive tank clean out.
- Fresh-water handwashing tanks provide convenient safety to operators.
- Integrated chemical induction hoppers ensure effortless chemical mixing and main-tank transfer.





### **Robust booms**

- Sizes range from 16.5 to 48.5 metres, depending on the model.
- Paddock-proven to handle Australia's tough conditions.
- Highly durable with chemical and corrosion resistance.
- Hydraulic fold and lift with fold-in gull-wing style.
- Optional independent hydraulic wing lift and independent outer wing fold for spraying at half width.
- Internally mounted spray rails for nozzle protection and durability.
- Non-drip, quick-release nozzle bodies with drift-reducing AirMix<sup>®</sup> air-induction nozzles.
- Nozzles spaced 50cm on a single line.
- Optional triple nozzle bodies on 50cm spacing.
- Optional single nozzles at 25cm spacing to improve penetration on small targets and chemical distribution.

### Heavy-duty chassis

- Heavy-duty and reliable, the chassis is designed to meet Australia's harsh conditions.
- The axle suspension on larger models provides excellent shock absorption to maintain a smooth ride on undulating terrain.
- Heavy duty, air bag suspension drawbar on the Pegasus 8000 and 7000 models.

### Technical support and service

You can expect the very best local support from the Croplands dealer network. The experienced technicians in our service centres know your sprayer inside and out. And, with dealers and warehouses located all around the country, high-quality parts and accessories are always close to hand.

# PEGASU

### Tank

The low-profile tank is specially engineered to sit deeper into the chassis, supporting boom stability. The deep sump is completely emptied through a 50mm drain outlet, while large Venturi agitators, ensure exceptional agitation and chemical suspension. No particles can enter the tank thanks to a strainer-fitted, hinged lid and a screen-filtered, top-bottom fill point. Experience additional versatility with the Pegasus 7000 and its integrated 1500-litre freshwater flush/storage tank, which transfers water from the storage tank to finish off small areas.

CROPLAND PEGASUS



Boom prime/recirculation/flush system is standard on Pegasus 8000 and 7000 models. Designed to aid agitation and ensure the boom is fully charged with fresh chemical from the very first headland spray.



### Boom

The booms, ranging between 33 and 36 metres, deliver unparalleled stability through a pendulumtype, fully floating, self-levelling centre section with yaw dampening and parallelogram lift, along with hydraulic accumulator suspension for exceptional boom ride and stability. Navigating through tight spaces is also streamlined by half folding the boom via optional independent outer wing fold. The Pegasus range is renowned for its exceptional productivity and effortless operation. This hallmark performance is delivered to large-scale farming through the 8000 and 7000 models.

Both models are ISOBUS compatible, and compatible with Trimble, Topcon and Greenstar.

### Pegasus 8000 and 7000 application package upgrades available

- Stainless steel 1" boom plumbing system with four major boom feeds to improve chemical distribution across the entire boom. Boom tubes flow through either 90 or 180° to enhance flow for rapid auto-section response times.
- Air stop valves, fitted directly to the nozzle body, allow rapid auto-boom shut-off speeds – even with high boom pressures. Up to 16-section valves available – limited by customer's controller. Air stops on triple nozzles at 500mm spacing or single nozzles at 250mm.
- Nozzle spacings of 250mm provide improved penetration in stubbles and better chemical distribution in uneven paddocks.
- A recirculation valve enables boom priming while also helping to speed up the boom decontamination process.

### Spacious operator access area

A large platform provides safe and easy access to the filling lid. Fold-down steps maintain crop clearance.

### 250L/min pump

A rugged, six-diaphragm pump operates at up to 10 bar with minimal system stress. Positive displacement liquid delivery means perfect pressure, so air-induction nozzles work to their potential. Optional hydraulically driven centrifugal pump.

### Jack stand/height adjustable hitch

A heavy-duty, hydraulic retractable jack stand provides effortless parking and excellent clearance during operation. The height-adjustable hitch optimises the distribution of weight on the drawbar.

### Air-ride drawbar system

Effects on the tractor's drawbar are minimised through a heavy-duty drawbar with an integrated Hendrickson airbag.

### Wheels

 $710/70R \times 42''$  single wheels minimise compaction and further enhance ride quality.

### Chem-e-flush

A 100L chemical mixing unit drops down to a safe working height. Optional enviro-transfer system with drum fittings is also available.

### **Boom suspension**

The parallelogram boom suspension with hydraulic accumulator ensures rides are smooth and significantly reduces boom fatigue.

### 700L flushing tank

A unique, fully integrated boom flushing system uses up to 700L of fresh water from a separate tank. The system allows the operator to flush lines with no return to the main tank. This enables instant boom-line purging in the field.



### Ready to spray

The new boom prime/recirculation/flush system enables full efficacy from the first spray.

### Liquid control

Fitted with the ARAG Bravo 180S automatic spray rate controller. Five-section liquid control is standard, with up to nine sections available.

### Airbag axle suspension

Hendrickson airbags ensure a smoother ride and boom longevity. It's also fitted with a ride-height valve to ensure constant chassis height.

### **Central control panel**

The operator can control all the filling, mixing and flushing functions from a convenient, central point. This is a hallmark of the Pegasus range.

### CROPLANDS PEGASUS 8000

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CROPLANDS PEGASUS 7000

### Central control panel

Filling, flushing, chemical mixing and induction are all controlled at a central point, saving time and effort. All tanks can be filled from a single source, with a rotary valve enabling tank selection. CROPLAN PEGASUSTO

### **Ready to spray**

The new boom prime/recirculation/ flush system enables full efficacy from the first spray..

### 1500L tank

Boasting industry-leading capacity, it thoroughly flushes the boom system and main tank. It can also be used to hold extra water for spraying.

### Safe access platform

The up-and-over platform allows safe and easy access to the tank lids from both sides of the sprayer. Fold-down steps maintain crop clearance.

### Air-ride drawbar system

The heavy-duty drawbar, featuring an integrated Hendrickson airbag and automatic ride-height valve, minimises feedback to the tractor. It also features a resilient, heavy-duty adjustable hitch, swivelling eye drawbar and adjustable drop-down leg.

### Large pump capacity

The latest high-flow centrifugal pump provides excellent tank agitation and fast boom response. The boom prime and recirculation system improves efficiency in boom cleaning and decontamination, and eliminates the need to prime booms on the fence-line.

### Fully integrated chemical induction hopper

The standard 60L Chem-e-flush hopper, fully integrated to the sprayer's control system, enables a range of options, including a chemical suction probe that inducts chemicals from smaller drums. An optional 12V chemical transfer pump system is also available, complete with micromatic drum fittings.

### Liquid control

Fitted with the ARAG Bravo 180S automatic spray rate controller. Five-section liquid control is standard, with up to nine sections available.

### **Boom suspension**

The parallelogram boom suspension with hydraulic accumulator ensures rides are smooth and significantly reduces boom fatigue.

### Airbag axle suspension

Hendrickson airbags ensure a smoother ride and boom longevity, and is controlled by an automatic ride-height valve.

# PEGASU

PEGASUS 5000 WITH 30M BOOM

Built with a highly resilient chassis, large diameter single wheels and heavy-duty booms, these Pegasus models promise unrivalled spraying control over almost any terrain.

Both models are ISOBUS compatible, and compatible with Trimble, Topcon and Greenstar.

### Tank

Both 6000 and 5000-litre tanks are low profile and easy to clean, featuring a tank-rinsing facility, large drain outlet and deep, fully draining sump. Chemical suspension is optimised through dual-Venturi agitation, and screen filters at the fill point keeps particles from entering the tank.

### **Ready to spray**

Boom prime/recirculate/flush system is now available as an option on Pegasus 6000 and 5000 models.

### Boom

Ranging from 24 to 36 metres, boom options provide a smooth ride across any terrain. Shock from sudden wheel track movements is absorbed thanks to the parallelogram boom lift, hydraulic accumulator suspension and pendulum-type, fully floating self-leveller.

Potential contact damage is minimised through the combination of adjustable boom-end breakaways, boom skids fence-line protectors and protected nozzles.

Pegasus application packages and 250mm upgrade – see page 07 for details.





Bravo 1805 fully automatic controller options

Both models feature a Bravo 180S five-section, fully automatic spray rate controller, with the option to upgrade to seven or nine sections liquid control.

PEGASUS 6000 WITH 36M BOOM

### **Ready to spray**

Boom prime/recirculation/flush system now available as an option for Pegasus 6000 and 5000 models.



### Airbag axle suspension

This is a standard feature on all Pegasus 6000 units. It's equipped in 5000 models that have a 33 or 36m boom, and is optional for 5000 models fitted with a 24 or 30m boom. This suspension option is recommended for more undulating terrain.

### Up to nine boom sections

Reliable ARAG-motorised valves matched to your selected auto-rate spray controller.

### **Nozzles and nozzle bodies**

Includes single non-drop nozzle bodies, complete with AirMix<sup>®</sup> air-induction nozzles, along with stainless steel boom lines with filters for each section and boom flush taps. Left and right fenceline nozzles standard. Triplex nozzle bodies are optional.

### **Flushing and handwash tanks**

A 470L flushing tank enables rinsing in the field, while a 20L freshwater handwash tank provides safety and peace of mind.

### Adjustable hitch design

The adjustable hitch allows operators to match tractor and sprayer drawbar height.

### Fully integrated chemical induction hopper

The standard 60L Chem-e-flush hopper, fully integrated to the sprayer's control system. Optional AgRunner system complete with micromatic drum fittings.

### **Spacious operator access area**

A large platform provides safe and easy access to the filling lid and liquid control system.

### **Central control panel**

Filling, flushing, chemical mixing and induction are all controlled at a central point. All tanks can be filled from a single source, with a rotary valve enabling tank selection.

### **Big pump capacity**

The large-capacity AR185 LFP (180L/min open-flow) diaphragm pump provides positive displacement liquid delivery with minimal service or downtime. The maximum operational system pressure is 10 bar – perfect for low-to-high pressure air-induction nozzles. An optional 250L/min pump is available, as are a choice of hydraulic drive pumps instead of the standard PTO drive. Boasting simplicity, functionality and high durability, the Pinto 4000 and 3000 models deliver exceptional results year after year.

Both models are ISOBUS compatible, and compatible with Trimble, Topcon and Greenstar.

### Tank and chassis

The high-quality 4000 and 3000-litre polyethylene tanks are supported by a highly durable chassis. A generous 160-litre/min diaphragm pump provides superior agitation and water rate flexibility, while the hydraulic accumulator boom suspension ensures a smooth, cushioned ride.

### Boom

Ranging between 16.5 and 24.5 metres, the fully hydraulic booms include hydraulic parallelogram boom lift, fully adjustable boom breakaways, three-section boom control and a self-levelling device, which improves application precision.



L: PINTO 4000 WITH 24M BOOM R: PINTO 3000 WITH 21M BOOM



CROPLAN PINTO







### 275L flushing tank

The flushing tank enables excellent boom hygiene, allowing the operator to rinse in the field as soon as the job is done.

### Wheels fitted to suspension axle

18.4 x 30" single wheels are fitted to a heavy-duty axle. Rubber-mount suspension for a smoother ride and improved boom stability is fitted standard on Pinto 4000 (available as an option for Pinto 3000).

### **Central control panel**

All controls and filters for flushing, chemical induction and handwashing are mounted on a central control panel. Everything is clearly marked for simple, quick and convenient operation.

### Parallelogram boom lift

The hydraulic boom lift provides smooth height control, so the correct spraying height is always at the operator's fingertips.

### **60L** chemical induction hopper

The standard 60L Chem-e-flush hopper, fully integrated to the sprayer's control system. Optional AgRunner system complete with micromatic drum fittings.

### AirMix<sup>®</sup> air-induction nozzles

ALBUZ low pressure, air induction nozzles fitted standard along with left and right fence line nozzles standard along with boom section filters.

Big capacity broadacre trailing sprayers. Designed for efficiency. Engineered to endure.

Sonic Boomsprays trailed broadacre sprayers are designed and manufactured in Narembeen, Western Australia with a focus on large <u>scale</u> spraying operations.



	SONIC 13000	SONIC 10000	<b>SONIC 7000</b>
Tanks			
Tank sizes	13,000L	10,000L	7,000L
Tank volume indicator	Visio and clear hose Indicator	Visio and clear hose Indicator	Visio and clear hose Indicator
Agitation	2 x 2 Hydraulic Agitators	2 × 2	1 x 2
Drainage	Manual 2″	Manual 2"	Manual 2″
Flushing tank	500L Poly	500L Poly	500L Poly
Tank rinse system	3 sprinkler in tank system	3 sprinkler in tank system	2 sprinkler
Filling (standard)	2" Quick Fill into Sump, 2" Hypro Suction	2" Quick Fill into Sump, 2" Hypro Suction	2" Quick Fill into Sump, 2" Hypro Suction
Filling flowmeter (optional)	Visio Tank Level Indicator	Visio Tank Level Indicator	Visio Tank Level Indicator
Hand wash tank	35L	35L	35L
Chassis			
Hitch	Heavy Duty, Swivel eye	Heavy Duty, Swivel eye	Heavy Duty, Swivel eye
Jack stand	Manual	Manual	Manual
Axle	3m Fixed	2.4m Std (3.0m Option)	2.4m Std (3.0m Option)
Axle steer	Tandem Rear Steer	Tandem Rear Steer	Tandem Rear Steer
Axle suspension	Airbag on parabolic springs	Walking Beam	Walking Beam
Mudguards	Yes	Yes	Yes
Mudflaps	Yes	Yes	Yes
Tyres	620/85R42	540/65R34	18.4 x 28
Axle rating	25,000 kg	18,000 kg	13,000 kg
Pump	is		
Pump	Hypro 9305C-SP	Hypro 9305C-SP	Hypro 9305C-SP
Pump drive	Hydraulic or Honda Motor	Hydraulic or Honda Motor	Hydraulic or Honda Motor
Filtration	Suction and Pressure	Suction and Pressure	Suction and Pressure
Controls			
Boom shutoff valves	ARAG 5 section (7 & 9 optional)	ARAG 5 section (7 & 9 optional)	ARAG 5 section (7 & 9 optional)
Controller	ARAG IBX100 ISOBUS (VT required)	ARAG IBX100 ISOBUS (VT required)	ARAG IBX100 ISOBUS (VT required)
System operation/workstation	Compact rotary selector-valve system	Compact rotary selector-valve system	Compact rotary selector-valve system
Booms			
Boom range	45.5 and 48.5m	36.5m, 45.5m and 48.5m	36.5m, 45.5m and 48.5m
33-48m boom	Heavy Duty Cable suspended	Heavy Duty Cable suspended	Heavy Duty Cable suspended
Boom suspension	Nitrogen Accumulator type	Nitrogen Accumulator type	Nitrogen Accumulator type
Hydraulic controls	Direct Remote with electric switchbox	Direct Remote with electric switchbox	Direct Remote with electric switchbox
Hydraulic wing lift	Yes Std	Yes Std	Yes Std
Boom breakaways	Yes, self-returning on outer wing	Yes, self-returning on outer wing	Yes, self-returning on outer wing
Boom height adjustment	Yes, Parallelogram	Yes, Parallelogram	Yes, Parallelogram
	1/2" poly dry line, 50cm spacing		-
Boom plumbing (on centre)		1/2" poly dry line, 50cm spacing	1/2" poly dry line, 50cm spacing
Boom flushing taps	Yes, on all boom sections	Yes, on all boom sections	Yes, on all boom sections
Prime/Recirculation/Flush	Optional	Optional	Optional
Nozzles & chemical transf			
Nozzles	025 Airmix Standard	025 Airmix Standard	025 Airmix Standard
Nozzle control system	Teejet Airmatic (optional)	Teejet Airmatic (optional)	Teejet Airmatic (optional)
Fence-line sprayer assembly	Yes, left and right std	Yes, left and right std	Yes, left and right std
Fill system	2" std with Optional 3" quick fill direct to tank	2" std with Optional 3" quick fill direct to tank	2" std with Optional 3" quick fill direct to tank
Chemical mixing and induction	Std 40l hopper on drop down leg	Std 40l hopper on drop down leg	Std 40l hopper on drop down leg
Chemical induction probe with drum rinse	Std	Std	Std

Maintenance

13048TS

Grease banks for easy greasing All pivots machine bushed and easily accessible Large weatherproof tool box for storage Hydraulics and Electrics in large sealed cabinet All filters easily accessible to clean BONIC

### Axles

BPW tandem steerable axles Load sharing suspension Load rated parabolic springs 2.4 and 3 metre axle track options

### Tanks

Tank sizes available include 7000, 10,000 and 13,000 litres 500 litre fresh water flush tank 35 litre fresh water hand wash tank Tank sprinklers mounted in top of main tank for flushing High volume tank agitation CROPLANDS SONIC



### Booms

- Boom sizes include 36.5 m (120'), 45.5 m (150') and 48.5 m (160')
- Hydraulic fold cable suspended
- Individual hydraulic wing lift
- Accumulators on lift rams
- Outer wing tip breakaways
- Large "Oversize" sign on rear of boom

### **Plumbing**

- Large 100mm pressure gauges easy to view
- Simplified plumbing for ease of operation
- Stainless steel boom flush taps
- Main tank sight gauge
- Optional triplex nozzle bodies
- Clearly labelled and easy to use operator panel

### Controllers

Large selection of rate controller options. Arag IBX ISObus. Trimble Field IQ. Raven RCM ISObus. JD loom options. Arag Vision tank level sensor fitted.





**AGRIPAK SPECIAL 1300 & 1600** 

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### Available in both 1300 and 1600 Litre tank size.

Comes with heavy duty galvanised frame, AR160m pto driven diaphragm pump. 30 Litre chemical mixer, 1500mm hydraulic height adjuster, flush tank and handwash tank. Option of hydraulic driven pump.

### Boom

Choose from 16, 18 or 21 metre hydraulic fold boom, or the option of full hydraulic individual wing lift.

### **Liquid Control**

Standard fitment of in cab 3 section electric switch box. Options of auto rate controller, Trimble ready Field IQ, John Deere adaptor loom and ISObus.

### Nozzles

Includes single non-drip nozzle bodies, complete with AirMix® air induction nozzles, along with stainless steel boom lines. Optional in line boom section filters and fence line nozzles.

### **Central Control Panel**

Filling, flushing and chemical mixing are all carried out at a central point. Easy to use taps and valves for ease of operation.

## MAGROWTEC

Magnetic spray assist technology for broadacre boom spray application.

### The MagrowTec magnetic spray assist technology system can be retrofitted to existing boom sprayers or on to new builds.

MagrowTec Technology has the impact of affecting the physical properties of the fluid that determine the spray droplet dynamics and adhesion. We typically see:

- Droplet optimisation
- Efficiency improvements; and
- Improved coverage.

### **Key Features**

- No moving parts, zero maintenance
- Only 1% magnetic deterioration per 15 years
- Brand and product agnostic
- Complimentary to other technologies
- Install or move to any sprayer
- Easy to install and use





	PEGASUS 8000	PEGASUS 7000	PEGASUS 6000
Dimensions			
Dimensions	W 3.46 x L 9.7 x H 4.0 (36m)	W 3.46 x L 9.5 x H 4.0 (36m)	W 3.45 x L 9.2 x H 4.2 (36m)
Weight (dry approx.)	6,510kg (36m)	6,310kg (36m)	5,300kg (36m)
Tanks			
Tank sizes	8,000L	7,000L	6,000L
Tank volume indicator	Calibrated tube / Arag Visio option	Calibrated tube / Arag Visio option	Calibrated tube / Arag Visio optio
Agitation Drainage	Dual Superflo 2″ drain valve	Dual Superflo agitation + bypass 2" drain valve	Dual Superflo agitation + bypass 2" drain valve
Flushing tank	700L	1,500L	470L
Tank rinse system	Dual rotating flushing nozzle	Dual rotating flushing nozzle	Rotating flushing nozzle
Filling (standard)	2″ male Camlock with non-return valve and filter	2″ male Camlock with non-return valve and filter	2″ male Camlock with non-return valve and filter
Filling flowmeter (optional)	2" ARAG Wolf	N/A	2" ARAG Wolf
Hand wash tank	35L	20L	20L
Chassis			
	Height adjustable with	Height adjustable with	Height adjustable with swivel
Hitch	air-ride suspension Heavy-duty hydraulic	air-ride suspension Heavy-duty hydraulic	eye and safety chain Heavy-duty hydraulic
Jack stand	retractable for clearance	retractable for clearance	retractable for clearance
Axle (adj. 3m standard on 33-36m models)	3 m adjustable axle kit	3m fixed with air-ride suspension	2.2m (optional 3m kit) and 3m adjustable kit
Axle suspension	Load-sensing air bag type standard	Load-sensing air bag type standard	Load-sensing air bag type standard
Air system (if fitted)	12-volt electric system with reservoir	12-volt electric system with reservoir	Direct drive high capacity system with reservoir
Mudguards	Full width ½ wheel type (standard)	Full width ½ wheel type (standard)	Full width ½ wheel type (standard)
		Croplands branded flex	
Mudflaps	Croplands branded flex type	type (standard)	Croplands branded flex type
Under axle clearance	690mm	725mm	720mm
Tyres	710/70R x 42"	710/70R x 42"	20.8 x 42"
Axle rating	15,500 kg @ 40 km/h	16,250kg @ 25 km/h	14,000 kg @ 25 km/h
Pump			
Pump (AR positive displacement	AR250 (optional high	High-flow centrifugal pump	AR185 LFP (optional AR250
diaphragm type)	flow centrifugal) Hydraulic drive standard	6 6 1 1	or high flow centrifugal) Hydraulic drive (optional)
Pump drive (PTO standard)	(550rpm max)	N/A	(550rpm max)
Filtration	5-point filtration	5-point filtration	5-point filtration
Controls		ľ	•
Boom shutoff valves	ARAG motorised 5 section (optional 7–9 section)	ARAG motorised 5 section (optional 7–9 section)	ARAG motorised 5 section (optional 7 section)
Controller	Bravo 180S	Bravo 180S	Bravo 180S
- / .	Compact rotary	Colour-coded rotary	Compact rotary
System operation/workstation	selector-valve system	selector-valve system	selector-valve system
Booms			
Boom range	33-36m	33-36m	30-36m
33-36m boom	Heavy-duty spring-loaded yaw control	Heavy-duty spring-loaded yaw control	Heavy-duty spring-loaded yaw control
Boom suspension	Nitrogen accumulator type	Nitrogen accumulator type	Nitrogen accumulator type
Hydraulic controls	Direct remote	Direct remote	Direct remote (elec/hydraulic for
•	elec/hydraulic (in-cab)	elec/hydraulic (in-cab)	more than 2 functions) (in-cab)
Hydraulic wing lift Boom breakaways	Optional Self-returning on outer wing	Optional Self-returning on outer wing	Optional Self-returning on outer wing
Boom breakaways Boom height adjustment	2,000mm parallelogram type	2,000mm parallelogram type	2,000mm parallelogram type
Boom plumbing (on centre)	Low-friction stainless steel boom tube	Low-friction stainless steel boom tube	Low-friction stainless steel boom tub
Boom flushing taps	Fitted to all boom tube sections	Fitted to all boom tube sections	Fitted to all boom tube sections
Prime/Recirculation/Flush	Standard	Standard	Optional
Nozzles & chemical transfer			
Nozzles	AirMix 110-02 standard	AirMix 110-02 standard	AirMix 110-02 standard
Twin nozzle switching	Optional	Optional	Optional
Fence line nozzles L & R	Standard	Standard	Standard
Fill system	Optional hi-flow hydraulic drive fill pump	Remote fill pump required	Optional hi-flow hydraulic drive fill pump
Chemical mixing and induction	100L standard with drop leg	60L standard with drop leg	60L standard with drop leg
Chemical induction probe with drum rinse	Optional	Optional	Optional
Envirodrum transfer system	Optional	N/A	Optional

	PINTO 4000	PINTO 3000
W 3.46 x L 9.3 x H 4.2 (36m)	W 2.74 x L 7.2 x H 3.32 (21m)	W 2.7 x L 7.2 x H 3.3 (18m)
5,045kg (36m)	3,075kg (24m)	2,260kg (18m)
3,043kg (30m)	5,073kg (24m)	2,200kg (1811)
5,000L	4,000L	3,000L
Calibrated tube / Arag Visio option	Calibrated tube / Arag Visio option	Graduated tank / Arag Visio option
Dual Superflo agitation + bypass	Dual Superflo agitation + bypass	Dual Superflo agitation + bypass
2″ drain valve	2″ drain valve	2″ drain valve
470L	275L	275L
Rotating flushing nozzle	Rotating flushing nozzle	Rotating flushing nozzle
2" male Camlock with non-return valve and filter	2" Male camlock with non-return valve	2" Male camlock with non-return valve
2" ARAG Wolf	2" ARAG Wolf	2" ARAG Wolf
20L	15L	15L
Height adjustable with swivel eye and safety chain	Height adjustable with swivel eye and safety chain	Height adjustable with swivel eye and safety chai
Heavy-duty retractable for high clearance	Height adjustable removable type	Height adjustable removable type
2.2m (optional 3m kit) and 3m adjustable kit	2m fixed	2m fixed
Load-sensing air bag type (optional)	Rubber spring	Rubber spring option
Direct drive high capacity	N/A	N/A
system with reservoir Full width ½ wheel type (standard)	Full width ½ wheel type (standard)	Full width ½ wheel type (standard)
Croplands branded flex type	Croplands branded flex type	Croplands branded flex type
670mm	580mm	580mm
18.4 x 38" (optional 18.4 x 42" radial)	18.4 x 30" (optional 11.2 x 42" rowcrop – 72" track) + (optional 18.4 x 38")	18.4 x 30" (optional 11.2 x 42" rowcrop – 72" tra
11,000 kg @ 25 km/h	6,500 kg @ 25 km/h	6,500 kg @ 25 km/h
l l		
AR185 LFP (optional AR250 or high flow centrifugal)	AR160 (optional AR250)	AR160 (optional AR250)
Hydraulic drive (optional) (550rpm max)	Hydraulic drive (optional) (550rpm max)	Hydraulic drive (optional) (550rpm max)
5-point filtration	4-point filtration	4-point filtration
ARAG motorised 5 section		
(optional 7 section)	Geoline motorised 3 section (optional 5 section)	Geoline motorised 3 section (optional 5 section)
Bravo 180S	ARAG 3 section in-cab switchbox with pressure control (optional Bravo 180S)	ARAG 3 section in-cab switchbox with pressure contr (optional Bravo 180S)
Compact rotary selector-valve system	4-way ball valve selector system	4-way ball valve selector system
04.04	10.04	
24-36m	18-24m	16-24m
24–36m Heavy-duty spring-loaded yaw control	18-24m N/A	16-24m N/A
Heavy-duty spring-loaded yaw control	N/A	N/A
Heavy-duty spring-loaded yaw control Nitrogen accumulator type	N/A Nitrogen accumulator type	N/A Nitrogen accumulator type
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 2,000mm parallelogram type	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 2,000mm parallelogram type	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 2,000mm parallelogram type Low-friction stainless steel boom tube	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 2,000mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections Optional	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 2,000mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections Optional AirMix 110-02 standard	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A AirMix 110-02 standard	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A AirMix 110-02 standard
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 2,000mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections Optional AirMix 110-02 standard Optional	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A AirMix 110-02 standard N/A	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A AirMix 110-02 standard N/A
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 2,000mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections Optional AirMix 110-02 standard Optional Standard	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A AirMix 110-02 standard N/A Standard	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A AirMix 110-02 standard
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 2,000mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections Optional AirMix 110-02 standard Optional Standard Optional hi-flow hydraulic drive fill pump	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A AirMix 110-02 standard N/A Standard Remote fill pump required	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A AirMix 110-02 standard N/A Standard Remote fill pump required
Heavy-duty spring-loaded yaw control Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 2,000mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections Optional AirMix 110-02 standard Optional	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A AirMix 110-02 standard N/A Standard	N/A Nitrogen accumulator type Direct remote (elec/hydraulic for more than 2 functions) (in-cab) Optional Self-returning on outer wing 1,500mm parallelogram type Low-friction stainless steel boom tube Fitted to all boom tube sections N/A AirMix 110-02 standard N/A Standard

### ACT and NSW

### On-Trac Ag Days Machinery Centre Cowra Machinery Centre Coffs Harbour 02 6654 1753 02 6342 5555 Cowra Dubbo 02 6852 3211 02 6847 0318 Gilgandra Goulburn 02 4821 4148 Grafton Leslie Farm & Garden 02 6642 3599 Griffith NFS-Ag 02 6722 4088 Agrihaus Black Truck & Ag Moree Mudgee On-Trac Ag 02 6862 3888 Intersales 02 6892 4078 Tottenhan Wagga Wagga Walgett Tyre & Machinery Service 02 6828 1500 02 6847 3422 Warren West Wyalong , Days Machinery Kenway and Clark Young

### **NORTHERN TERRITORY**

Darwin	HD Pumps	08 8947 1008
Humpty Doo	HD Pumps	08 8988 1254

### TASMANIA

Bridgewater	Tasmac	03 6263
Devonport	Tasmac	03 6424
Launceston	Tasmac	03 6364
Smithton	Tasmac	03 6452

0417 363 555

NORTH

Lachlan Coom

David Oliver

COASTAL QLD / NT Rob Graham

CENTRAL / SOUTH QLD

CENTRAL NSW / TAS

SOUTH QLD / NORTH NSW

0409 597 462

0428 621 661

0407 485 569

0427 651 971

### SOUTH AUSTRALIA

Cummins	Curtis Ag
Kadina	Vater Machinery
Karoonda	Ronco Motors
Keith	Farmer's Centre
Loxton	Ronco Motors
Naracoorte	Kubpower
Nuriootpa	Vater Machinery
Pinnaroo	Ronco Motors
Saddleworth	Vater Machinery
Strathalbyn	Bates Farm Machinery
Tumby Bay	Curtis Ag
Wudinna	Curtis Ag

### **NATIONAL SALES & SUPPORT**

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CROPLAND	S AUSTRALIA
Freecall	1800 999 162
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Email	sales@croplands.com.au
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### QUEENSLAND

Atherton	Tableland Pumps & Pipes	07 4091 2277
yr	Nutrien Ag Solutions	07 4790 4444
siloela	BMAS	07 4992 5332
undaberg	Sunfam	07 4152 4166
Capella	Western Mechanical	07 4984 992:
alby	Black Truck & Ag	07 4669 8988
alby	Dalby Rural Supplies	07 4660 0400
Gatton	Lockyer Farm Machinery	07 5462 188
Goondiwindi	Black Truck & Ag	07 4671 3512
Gordonvale	NQ Rural Supplies	07 4056 1972
ngham	Nutrien Ag Solutions	07 4776 147
nnisfail	GF Rural Supplies	07 4061 1060
albar	South East Qld	
	Tractor Sales & Service	07 5463 5952
Лаckay	Nutrien Ag Solutions	07 4952 4377
, Nareeba	Think Water Mareeba	07 4092 7788
Vambour	Tractors Machinery Implements	07 5476 488
roserpine	Pursehouse Rural	07 4945 273
ockhampton	TerreQuipe	07 4936 3577
arina	, Pursehouse Rural	07 4956 2139
oowoomba	Black Truck & Ag	07 4631 420
oowoomba	Toowoomba Spray Shop	07 4634 4000
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allarat	Central Machinery Services	03 5332 0566
endigo	Precision Control Australia	03 5448 8484
Cobram	Cobram Rural	03 5871 3333
chuca	Echuca Rural	03 5482 2788
Colac	CLAAS Harvest Centre	03 5231 5022
łamilton	Phillips Farm Machinery	03 5572 1822
lorsham	Traction Ag	03 5381 1385
eongatha	ттмі	0422 411 700
ilydale	Agpower	03 9739 5006
, Aaffra	TTMI	03 5141 1700
Aildura	O'Connors	03 5039 5349
Jhill	Traction Ag	03 5391 1144
Duyen	O'Connors	03 5092 103
hepparton	Shepparton Rural	03 5832 3500
it Arnaud	The Sprayer Centre	03 5495 3235
iwan Hill	O'Connors	03 5032 0099
rafalgar	TTMI	03 5633 1588
Vangaratta	McGregor Machinery	03 5722 9933
Varrnambool	CLAAS Harvest Centre	03 5561 1733
Vodonga	Intersales	02 6061 4390
gu		02 0001 40/0

### WESTERN AUSTRALIA

Albany	AFGRI	08 9842 8529
Boyup Brook	AFGRI	08 9765 1305
Busselton	AFGRI	08 9757 6215
Carnamah	AFGRI	08 9951 1130
Corrigin	Agwest	08 9063 2508
Cowaramup	Cowaramup Tractors	08 9755 5207
Cunderdin	AFGRI	08 9635 1364
Dalwallinu	AFGRI	08 9661 1105
Donnybrook	Machinery West	08 9731 0700
Esperance	AFGRI	08 9071 6702
Esperance	Agwest	08 9071 3711
Geraldton	AFGRI	08 9921 5044
Geraldton	Agwest	08 9964 7443
Gnowerangerup	AFGRI	08 9827 1207
Katanning	Agwest	08 9821 8787
Lake Grace	AFGRI	08 9865 1100
Merredin	AFGRI	08 9041 4100
Moora	AFGRI	08 9651 1363
Mukinbudin	AFGRI	08 9047 1109
Narrogin	AFGRI	08 9861 0000
Narembeen	AFGRI	08 9064 7214
Northam	AFGRI	08 9622 5855
Northam	Agwest	08 9621 7744
Perth	AFGRI	08 6278 7100
Perth	Sprayline	08 9250 6100
Quairading	AFGRI	08 9645 0077
Wongan Hills	AFGRI	08 9671 1311

SOUTH		WEST	
SOUTH NSW		WA	
David Hamilton	0427 975 072		0448 337 280
	0.2/ //00/2	Gavin Merritt	0448 022 172
νις		Mitchell Cox	0407 132 746
Steve Ross	0417 832 784		
Brett Kay	0429 144 987		
SA/SOUTH VIC		CROPLANDS HEAD OFFICE	
Jeremy Deck	0430 006 672	50 Cavan Road Dry (	Creek SA 5094
SA		Tel	08 8359 9300
Andrew Germein	0417 848 590	Fax	08 8349 6175
Hayden Paul	0409 899 491	Technical Service	1300 650 724