CROPLANDS
50 YEARS
BRINGING YOU THE BEST

CROPLANDS

BROADACRE TRAILED SPRAYRANGE

BUYERS GUIDE • OCTOBER 2022

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50 YEARS

BRINGING YOU THE BEST

Celebrating 50 years at the forefront of spray technology.

For the last 50 years, Croplands has been proudly helping Australian farmers eliminate weeds. With an unwavering commitment to produce spraying equipment that is ef cient, reliable and engineered to endure, Croplands is always seeking to save you time, reduce your costs and maximise your productivity.

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BROADACRE TRAILED SPRAY RANGE

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CROPLA
SPRAYE

Engineered with the latest technology, our sprayers are as highly durable as they are easy to operate. They set the standard for RG KCDK K X CNF G EKGNEX providing growers with EON FGNEG KN JGKR performance season after season.

Top-quality tanks

- Versatile tank sizes to match the scale of any operation, ranging from 3000 to 8000 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.
- New for 2021, boom prime/recirculation/ ushing system is standard on Pegasus 8000 and 7000 models. Optional on 6000 and 5000 models.
- All models are equipped with ushing tanks that provide rst-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.

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PEGASUS 6000 WITH 36M BOOM

Robust booms

- Sizes range from 16 to 36 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® 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.

PEGASUS 8000 &7000

Tank

The low-pro le 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, front and rear coupled with sparge-tube recirculation, ensure exceptional agitation and chemical suspension. No particles can enter the tank thanks to a strainer- tted, hinged lid and a screen- ltered, top-bottom ll point.

Experience additional versatility with the Pegasus 7000 and its integrated 1500-litre freshwater ush/storage tank, which transfers water from the storage tank to nish off small areas.

PEGASUS 8000 WITH 36M BOOM

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Boom Prime/Recirculation/Flush

Boom prime/recirculation/ ush 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 rst headland spray.

Boom

The booms, ranging between 33 and 36 metres, deliver unparalleled stability through a pendulum-type, fully oating, 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

CNF G OR GSS OPGRC

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 ow through either 90 or 180° to enhance ow for rapid auto-section response times.
- Air stop valves, tted 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 lling 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 x 42" single wheels minimise compaction and further enhance ride quality.

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

Boom suspension

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

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

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.

Ready to spray

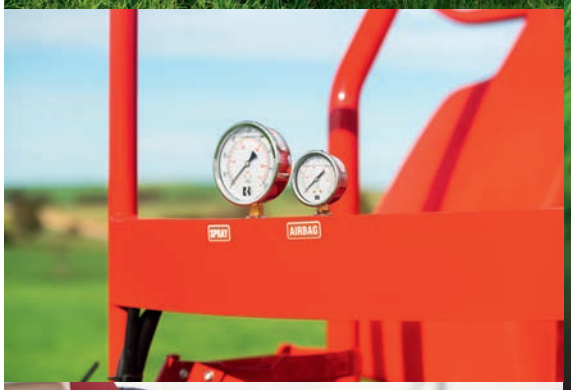
The new boom prime/recirculation/flush system enables full efficacy from the first spray.

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

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

Ready to spray

The new boom prime/recirculation/ f ush system enables full eff cacy from the f rst spray.

Airbag axle suspension

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

1500L tank

Boasting industry-leading capacity, it thoroughly ushes 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- ow centrifugal pump provides excellent tank agitation and fast boom response. The boom prime and recirculation system improves ef ciency 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- ush 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 ttings.

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 signi cantly reduces boom fatigue.

PEGASUS 6000

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.

S &5000

Tank

Both 6000 and 5000-litre tanks are low pro le 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 lters at the ll point keeps particles from entering the tank.

Ready to spray

Boom prime/recirculate/ ush 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 oating 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 180S fully automatic controller options

Both models feature a Bravo 180S ve-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 ball valves matched to your selected auto-rate spray controller.

Nozzles and nozzle bodies

Includes single non-drop nozzle bodies, complete with AirMix® air-induction nozzles, along with stainless steel boom lines with filters for each section and boom flush taps. Twin boom lines and 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.

PINTO 4000

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 exibility, while the hydraulic accumulator boom suspension ensures a smooth, cushioned ride.

Boom

Ranging between 16 and 24 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