



BUYERS' GUIDE

EFFECTIVE AUGUST **2019**

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CROPLANDS



**BUILT
AUSSIE
TOUGH**

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CROPLANDS MANUFACTURE AND SUPPLY QUALITY SPRAY EQUIPMENT, COMPONENTS AND ACCESSORIES.

THE APPLICATION SPECIALISTS

At Croplands we believe it is not good enough to simply sell a piece of machinery.

We believe it is important to give advice to growers on how to achieve the best possible outcome with their unit.

Croplands is a subsidiary of agricultural chemical company, Nufarm Ltd., along with agricultural seed company, Nuseed. Nufarm has been a trusted brand for farmers for over 60 years and has worked alongside growers to provide a wide range of top quality crop protection products.

With Croplands, Nufarm and Nuseed together under the One Nufarm banner, they offer growers a very unique portfolio. Pulling together their products and people for SprayWise events and the like, they can not only demonstrate application equipment, but provide information on the best chemical mixes, nozzle selection and tips on effective application.

Our close relationship with Nufarm gives us a good understanding of chemicals and their requirements for application. Being part of the SprayWise program, Croplands has access to the latest research outcomes.

UNDERSTANDING SPRAYERS

Croplands has been building sprayers since 1972. After operating for over 45 years in the Australian and New Zealand environments we understand the challenges faced by producers; before, during and after application. Our sprayers are built accordingly. We listen to farmers and produce cost effective solutions to suit their needs.

SIMPLE, RELIABLE AND DURABLE

Our machinery is built to high quality standards. Robust designs resulting in unmatched reliability. Working with feedback from farmers and operators, we develop sprayers that provide efficiency with a simple approach. We are proud of our innovative developments.

SAFETY BY DESIGN

Croplands Research and Development Team keep operator safety front of mind when developing any new or existing model sprayer. The safety of our customers and those who operate our sprayers is integral to us.

TECH SUPPORT AND SERVICE

Our service centres are staffed by experienced and internationally trained technicians who understand what make your sprayer tick.

Croplands' dealer network is trained to provide the very best local support. With dealers and warehouses located around the country spare parts and accessories are always available and close by.

Croplands spare parts, sprayer components and accessories are manufactured and hand-picked for superior performance and longevity.

GENERAL MANAGER'S WELCOME

Dear Customer

We are proud to present our 2019 Broadacre Trailed Buyers' Guide, showcasing a sprayer to suit virtually any operation ranging from 3000 litres to 8000 litres.

Croplands have been proudly building spraying equipment since 1972. A lot of things have changed and evolved over this time, however one thing certainly remains and that is our commitment to continual improvements in the design and build quality that we pride ourselves on. Croplands collaborates with leading global suppliers to ensure we are always at the forefront of new technologies, enabling us to continue to deliver valued solutions and reliability to our customers. Many of our new design ideas and refinements come from

customer feedback which has been crucial to our success and something we truly value.

Our market leading Pegasus and Pinto ranges deliver the ideal mix of new technology and design integration whilst maintaining one of our key design mantras - to keep things simple, reliable and provide excellent value for money.

We hope that this year's publication will assist you in making the right purchase decision for your individual situation.

If you wish to take a closer look at any Croplands sprayer, please contact your local Territory Manager or dealers to find out when we are holding demonstrations near you. Their details, along with those of our dealer network are listed in the back of this guide.



Sean Mulvaney

Sean Mulvaney
General Manager
Croplands

MEET OUR STABLE OF TOP PERFORMERS





SUPER HEAVY DUTY CHASSIS DESIGN

- » The superbly engineered chassis is virtually unbreakable and provides structural integrity and stability for a solid feel behind the tractor

EXCEPTIONAL BOOM STABILITY

- » The self levelling boom, coupled with the hydraulic accumulator suspension and an air-ride axle system provides exceptional boom stability for precise droplet application

LOW PROFILE TANK

- » Engineered to sit deeper into the chassis to lower the centre of gravity and assist boom stability

33-36 METRE BOOMS, 8000 LITRE TANK

DESIGNED FOR LARGE SCALE FARMING THE PEGASUS 8000 TAKES ANOTHER STEP TO SATISFY THE DEMAND FOR INCREASED PRODUCTIVITY WHILE KEEPING THE PROVEN, ROBUST SIMPLICITY THAT IS THE HALLMARK OF THE PEGASUS RANGE.

STANDARD FEATURES

8000 LITRE TANK

- » Minimises re-fill down time and increases field efficiency
- » Deep sump empties completely for drain out. 50mm drain outlet
- » Large Venturi agitators front and rear, plus sparge-tube recirculation ensure excellent agitation and chemical suspension
- » Twin rinsing nozzles for complete tank clean out
- » 700 litre fresh water flushing and rinsing tank
- » UV and chemical resistant to increase longevity
- » Hinged lid with filling strainer and top/bottom fill point with large screen filter
- » ISOBUS compatible

Also compatible with

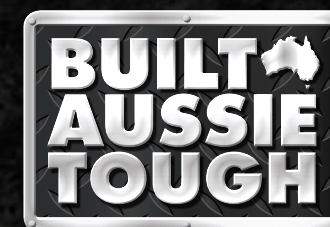
- » Trimble
- » Topcon
- » Greenstar

BOOMS

Choose from 33 and 36 metre booms with unrivalled boom ride and stability.

- » 10 years of continuous development means the Pegasus boom range can handle the workload in the field. Designed for Australian conditions, the steel construction has a proven track record
- » 2 metre plus parallelogram lift with hydraulic accumulator suspension assists boom ride and adds to increased spraying precision and longevity
- » Pendulum-type fully floating self-levelling centre section with yaw dampening provides unrivalled boom stability
- » A boom-end breakaway system, fenceline protectors, sprung boom skids and protected nozzles minimise potential contact damage
- » Independent outer wing fold enables operation with the boom half folded if required in tight spaces
- » Stainless steel boom lines to avoid contamination build-up
- » Flushing taps at end of sections for complete boom clean out
- » Chemical and corrosion resistant finish to avoid corrosion issues
- » Four-ram hydraulic side-fold system which locks for safety in transport
- » Non-drip nozzle bodies with drift reducing low pressure AirMix® air-induction nozzles

PEGASUS 8000



PROVEN CHASSIS DESIGN

- » A heavy duty, fully welded and epoxy-powder coated chassis with two massive, folded, 6mm thick 350-grade high-tensile c-channel beams, welded into box sections, provides the heart of the structural integrity
- » Load sensing airbag axle suspension – adjustable to 3 metre width – for excellent shock absorption and stability will ensure longer life of the sprayer and an exceptionally smooth ride
- » 710/70R x 42" single wheels provide a huge footprint to minimise compaction and further enhance ride quality
- » Heavy duty drawbar with an innovative Air Ride Drawbar System minimises shock transmission from tractor to sprayer and vice versa

LIQUID CONTROL

- » BA7000 fully automatic spray rate controller, fitted standard, provides full screen monitoring of all key spray functions and is GPS compatible with most systems
- » Electric motorised boom valves and ARAG Wolf flowmeter are easily accessible for servicing
- » 5 section liquid control standard, up to 9 sections available (see options)

ADDITIONAL STANDARD FEATURES

- » AR (Annovi Reverberi) positive displacement, oil bath, chemical resistant diaphragm pump (250 L/min) handling a system pressure of up to 10 bar
- » Unique integrated rinsing system utilises the 700 litre fresh water flush tank, with no return to main product tank, for boom line rinsing in the field
- » 35 litre fresh water hand wash tank fitted for operator safety and convenience
- » Integrated 100 litre chemical induction hopper (Chem-e-flush) for easy chemical mixing and transfer to the main tank
- » Central control panel for exceptionally easy operation of all liquid functions – filling, mixing, flushing and spraying set up

OPTIONAL FEATURES

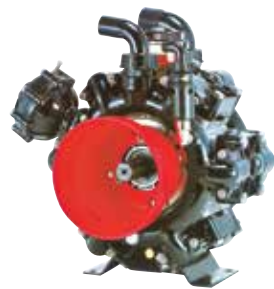
- » 7-9 section motorised valves to increase flexibility of application and make auto-boom shut off a breeze
- » Fully integrated GPS options available
- » Optional left/right hydraulic wing-lift kit for lifting each boom wing by approximately 15% to overcome obstacles, working in undulating ground or in contours
- » Fully supported polyethylene mudguards and mudflaps to cut down dust or mud-splash
- » 620/70R x 42" or 520/85R x 46" tyre

Pegasus 8000 with 36m boom



PEGASUS 8000 FEATURES

- 1 LARGE OPERATOR ACCESS AREA**
The large platform area gives safe and easy access to the filling lid and liquid control system. Fold down steps provide greater crop clearance.



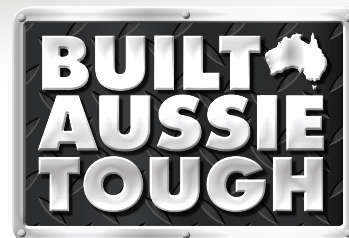
- 2 250 L/MIN PUMP**
A rugged 6-diaphragm pump operates at up to 10 bar with minimum system stress. Positive displacement liquid delivery means perfect nozzle pressure to ensure air-induction nozzles work to their potential.

- 3 JACK STAND/HEIGHT ADJUSTABLE HITCH**
Heavy duty hydraulic retractable jack stand provides fuss-free parking and excellent clearance during operation. The height adjustable hitch optimises distribution of weight on the draw bar.

AIR RIDE DRAWBAR SYSTEM
A heavy duty drawbar with an integrated Hendrickson airbag helps to minimise the effects on the tractor's drawbar.

250MM SPACINGS
UPGRADE AVAILABLE
COMPLETE COVERAGE

3



- 4 AIRBAG AXLE SUSPENSION**
Hendrickson airbags ensure a smoother ride and longer boom life. Also fitted with a ride height valve to ensure constant chassis height.



- 8 700 LITRE FLUSHING TANK**
A unique, fully integrated boom flushing system utilises up to 700 litres of fresh water from a separate tank. The system allows the operator to flush lines with no return to main tank. Provides instant boom line purging in the field.



- 7 BOOM SUSPENSION**
The parallelogram boom suspension with hydraulic accumulator adds to smooth ride and reduces boom fatigue significantly.



- 6 CENTRAL CONTROL PANEL**
From a central point, the operator can take charge of all the filling, mixing and flushing functions with ease. A hallmark of the Pegasus range.

- 5 CHEM-E-FLUSH**
100 litre chemical mixing unit drops down to a safe working height. Optional enviro-transfer system with drum fittings available.

CROPLANDS ENGINEERS DID NOT SIMPLY PUT A BIGGER TANK ON AN EXISTING CHASSIS. THE SHEER DIMENSIONS OF THE 8000 DEMANDED ROBUST SOLUTIONS TO GUARANTEE A ROCK SOLID PERFORMANCE.

PEGASUS 7000 PLUS



1 1500 LITRE TANK
An industry leading capacity to thoroughly and regularly flush the boom system and main tank. Can also be used as a holding tank for extra water to be used for spraying.

2 SAFE ACCESS PLATFORM
The up and over platform allows safe and easy access from both sides of the sprayer to the tank lids. Fold down steps provide greater crop clearance.

3 AIR RIDE DRAWBAR SYSTEM
The heavy drawbar features an integrated Hendrickson airbag and automatic ride height valve improving the ride and minimising feedback to the tractor. Also features heavy duty adjustable hitch, swivelling eye drawbar and adjustable drop down leg.



4 BIG PUMP CAPACITY
The latest HYPRO centrifugal pump using Forcefield technology with run dry protection to avoid costly downtime. Flow capacities exceeding 900 L/min.



5 CENTRAL CONTROL PANEL
Makes filling, flushing, chemical mixing and induction a simple and efficient process from one central point. All functions are at hand to save time and effort. All tanks can be filled from a single source using a simple rotary valve for tank selection.



6 AIRBAG AXLE SUSPENSION
Hendrickson airbags ensure a smoother ride, longer boom life and is controlled by an automatic ride height valve.

8 BOOM SUSPENSION
The parallelogram boom suspension with hydraulic accumulator contributes to a smoother ride and reduces boom fatigue significantly.



7 FULLY INTEGRATED CHEMICAL INDUCTION HOPPER
The standard 60 litre Chem-e-flush hopper is fully integrated to the sprayer's control system. Options include a chemical suction probe to induct chemicals from smaller drums. Optional 12 volt chemical transfer pump system complete with micromatic drum fittings available.

33-36 METRE BOOMS, 7000 LITRE MAIN TANK, PLUS 1500 LITRE TANK
THE 7000 LITRE PEGASUS ENCOMPASSES A VERSATILE 1500 LITRE TANK.

STANDARD MODEL

7000 LITRE MAIN TANK WITH 1500 LITRE STORAGE/FRESH WATER TANK

- » This large capacity 7000 litre sprayer is equipped with a 1500 litre storage or fresh water tank
- » Water can be transferred from the storage tank to finish off small areas
- » A chemical drum rack is fitted to the side of the chassis for 20 litre drums only
- » This sprayer is fitted with a large capacity, centrifugal HYPRO pump with Forcefield technology. This pump can also be utilised for self-filling from a 2-inch feed line or optional 3-inch

OPTIONAL MODEL

7000 LITRE MAIN TANK WITH COMBINED 1500 LITRE TANK

- » This combination can be used in conjunction with nurse tanks and pre-batching plants to fill both tanks, maximise field efficiency. For flushing and decontamination, fresh water will need to be provided from the nurse tank or from the refilling point
- » 1500 litre tank can be used to store pre-mixed chemicals in addition to the 7000 litre main tank
- » This sprayer is fitted with two large capacity, centrifugal HYPRO pumps with Forcefield technology. Pump 1 is utilised for filling both tanks from a 3-inch feed line and maintain agitation of the 1500 litre tank. Pump 2 is used to deliver chemical to the boom and maintain agitation in the 7000 litre tank

OTHER OPTIONAL FEATURES

- » 7 or 9 section motorised valves to increase flexibility of application and make auto-boom shut off a breeze
- » Fully integrated GPS options available
- » Optional left/right hydraulic wing-lift kit for lifting each boom wing by approximately 15% to overcome obstacles when working in undulating ground or in contours
- » Fully supported polyethylene mudguards and mudflaps to contain dust or mud-splash

OPTIONAL APPLICATION PACKAGE FOR PEGASUS

Stainless steel 1 inch boom plumbing system has been designed with 4 major boom feeds to improve chemical distribution from tip to tip, anywhere across the boom. Specifically designed boom tubes are bent at either 90 degrees or 180 degrees to improve flow for rapid auto section response times and minimise points for chemical residues or contamination.

A recirculation valve allows boom priming with every new tank full and assists with a faster boom decontamination process.

Nozzle spacings of 250mm provide more overlap and improved penetration in stubbles and better distribution of chemical in rough or undulating paddocks. Droplet size using more nozzles is often better matched to the toughest spraying challenges such as grasses. Air stop valves are fitted directly to the nozzle body, allowing very fast auto boom shut-off speeds – even with high boom pressures.



250MM SPACINGS
UPGRADE AVAILABLE
COMPLETE COVERAGE

250MM SPACINGS

- » Improve penetration on small targets by spraying from more angles
- » More nozzles create a droplet spectrum suited to small targets, improving overall coverage
- » 250mm spacings offer a better distribution of chemical under the boom, beneficial for undulating country
- » Twice the nozzles = twice the coverage. Up to four times the overlap can be achieved, rather than the standard 2 x overlap



THE RUGGED CHASSIS DESIGN AND LARGE ROLLING RADIUS SINGLE WHEELS WORK TOGETHER WITH A ROBUST BOOM TO PROVIDE ULTIMATE SPRAYING CONTROL IN ALMOST ANY TERRAIN.

PROVEN CHASSIS DESIGN

- » Structural integrity and stability for smooth ride

STABLE BOOMS

- » Exceptional boom stability ensures spray coverage is maximised

SIMPLE OPERATION

- » The Pegasus range is renowned for being exceptionally easy to operate with one master panel for all liquid functions

24-36 METRE BOOMS, 5000-6000 LITRE TANKS

STANDARD FEATURES

5000 OR 6000 LITRE TANK

- » Low profile easy to clean polyethylene tanks
- » Deep fully draining sump for complete clean out. 50mm drain outlet
- » Dual Venturi agitation with direct chemical induction at the venturi point to optimise suspension of chemicals
- » Tank rinsing facility and large drain outlet
- » UV and chemical resistant to increase longevity
- » Top/bottom fill-point with screen filter to ensure particles don't enter the tank
- » 5 section motorised valves, or 7 optional
- » ISOBUS compatible

Also compatible with

- » Trimble
- » Topcon
- » Greenstar

Optional Trimble Ready with Field IQ module available for order.

BOOMS

- » Choose from 24, 30, 33 and 36 metre booms – with wing-lift available on all models as an option
- » Parallelogram boom lift exceeds two metres and is fitted with a hydraulic accumulator suspension system for smooth boom ride
- » Pendulum-type full floating self leveller vastly improves turning stability of the boom and provides additional shock absorption from sudden wheel track movements
- » Adjustable boom-end breakaways, boom skids, fence line protectors and protected nozzles to minimise potential contact damage
- » Four-ram hydraulic side-fold system which locks for safety in transport
- » Flushing taps at end of each boom section for excellent boom flushing
- » Chemical resistant finish to prevent corrosion
- » Non-drip nozzle bodies with drift reducing low pressure AirMix® air-induction nozzles

PEGASUS 6000 | 5000

AUTOMATIC SPRAY RATE CONTROL

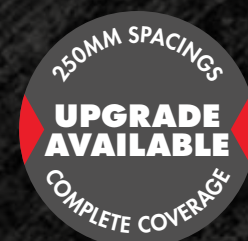
- » Bravo 180S fully automatic spray rate controller fitted standard
- » Electric motorised valves provide excellent reliability and are easily accessible for servicing

ADDITIONAL FEATURES

- » Positive displacement, oil bath, chemical resistant diaphragm pump (180 L/min) handling a system pressure of up to 10 bar
- » 470 litre flushing tank to rinse in the field
- » 20 litre fresh water hand wash tank fitted for operator safety and convenience
- » Integrated 60 litre chemical induction hopper (Chem-e-flush) for easy chemical mixing and transfer to the main tank
- » Central control panel for exceptionally easy operation of all liquid functions – filling, mixing, flushing and spraying set up
- » In-line boom filters fitted standard

OPTIONAL FEATURES

- » Fully automatic MT3405 spray rate controller with motorised valves for additional operator information and more boom sections if required
- » Trimble Ready with Field IQ module
- » Integrated GPS options easily adapted to most control systems for precise application
- » Left/right hydraulic wing-lift kit for lifting each boom wing by approximately 15° to overcome in-field obstacles, undulating ground or contour banks
- » 3m adjustable axle with airbag suspension included
- » Polyethylene mudguards and mudflaps to cut down dust or mud splash
- » Up to 7 section boom control to minimise over-spraying in corners and triangular areas



Pegasus 6000 with 36m boom



PEGASUS 6000 | 5000 FEATURES

CROPLANDS PEGASUS
AND PINTO RANGE
PROVIDE ULTIMATE
SPRAYING CONTROL IN
ALMOST ANY TERRAIN.



Mufarm
SprayWise®

8 NOZZLES AND NOZZLE BODIES
Single non drip nozzle bodies complete with the AirMix® air-induction nozzles fitted standard. Stainless steel boom lines with filters for each section and boom flush taps fitted standard. Twin boom lines and triplex nozzle bodies are available options.



7 BRAVO 180S FULLY AUTOMATIC CONTROLLER OPTIONS

A Bravo 180S 5 section fully automatic spray rate controller is standard with an option to upgrade to 7 section liquid control.



6 CENTRAL CONTROL PANEL

Makes filling, flushing, chemical mixing and induction a simple and efficient process from one central point. All functions are at hand to cut out wasted time and effort. All tanks can be filled from a single source using a simple rotary valve for tank selection.

5 LARGE OPERATOR ACCESS AREA

The large platform area gives easy access to the filling lid and liquid control system.

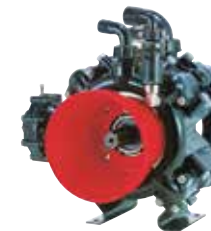


4 FULLY INTEGRATED CHEMICAL INDUCTION HOPPER

The standard 60 litre Chem-e-flush hopper is fully integrated to the sprayer's control system. Options include a chemical suction probe to induct chemicals from smaller drums and an AgRunner system complete with micromatic drum fittings.

3 ADJUSTABLE HITCH DESIGN

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



9 BIG PUMP CAPACITY

The large capacity AR185 LFP (180 L/min open-flow) diaphragm pump gives reliable, positive displacement liquid delivery with, minimal service or downtime. Maximum operational system pressure is 10 bar – perfect for low to high pressure air-induction nozzles. An optional 250 L/min pump is available. Hydraulic drive pump options are available instead of the standard PTO drive.

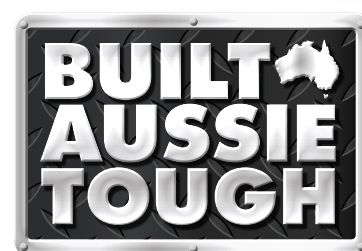


1 UP TO 9 BOOM SECTIONS

Using reliable ARAG motorised ball valves match to an auto-rate spray controller to suit.

2 AIRBAG AXLE SUSPENSION

Standard on all Pegasus 6000 units. Standard on 5000 when fitted with a 33 or 36 metre boom. Optional on the 5000 when fitted with a 30 or 24 metre boom. This suspension option is recommended for more undulating terrain.



CROPLANDS



THE PINTO 4000 OFFERS PEGASUS STYLING WITH PINTO PRACTICALITY. MODERN STYLING AND ROBUST DESIGN, RESULTING IN UNMATCHED PERFORMANCE.

GENEROUS 160 L/MIN DIAPHRAGM PUMP

- » Plenty of volume for superior agitation and water rate flexibility

HYDRAULIC ACCUMULATOR BOOM SUSPENSION

- » For cushioned boom ride

BIG SINGLE WHEELS (30" OR 42") FITTED TO HEAVY DUTY AXLE WITH TRAILING ARM RUBBER MOUNT SUSPENSION

- » With less compaction and less crop damage

HEIGHT ADJUSTABLE HITCH AND SWIVEL EYE DRAWBAR

- » To optimise weight distribution and balance

HEAVY DUTY EPOXY-POWDER COATED FRAME

- » To increase chemical resistance and durability

18-24 METRE BOOM, 4000 LITRE TANK

STANDARD FEATURES

SUPERIOR HITCH AND STABLE CHASSIS DESIGN

- » Rugged fabricated chassis and hitch designed for maximum durability
- » Heavy duty single axle with 18.4 x 30" single wheel tyre
- » Height adjustable hitch and swivel eye drawbar to optimise towing balance

BOOM

- » Epoxy-powder coated 18, 21 and 24 metre wide fully hydraulic folding booms
- » Hydraulic accumulator boom suspension system protects the boom and improves the boom ride
- » Hydraulic parallelogram boom lift
- » Boom breakaways are fully adjustable with 90° self returning boom ends
- » Booms hydraulically side fold and lock for transport
- » Self levelling device to keep the boom parallel to the crop
- » 3 section boom control
- » Non-drip, quick-release nozzle bodies with drift reducing AirMix® air-induction nozzles
- » ISOBUS compatible

Also compatible with

- » Trimble
- » Topcon
- » Greenstar

Optional Trimble Ready with Field IQ module available for order

ELECTRIC CONTROLS

In-cab electric controller with master switch, 3-way boom switches and pressure adjustment. Electric motorised valves are easily accessible for servicing.

ROBUST, PRACTICAL TANK DESIGN

4000 litre polyethylene tank designed to ensure clean flushing and even weight distribution.

ADDITIONAL FEATURES

- » AR160 PTO driven diaphragm pump (160 L/min)
- » 275 litre flushing tank to rinse in the field
- » 15 litre fresh water hand wash tank fitted
- » Integrated chemical suction probe fitted
- » Integrated GPS options easily adapted to most control systems for precise application
- » 60 litre chemical induction hopper

OPTIONAL FEATURES

- » 18.4 x 38" wheels for greater crop clearance
- » 11.2 x 42" wheels for high clearance applications (72" row width)
- » Bravo 180S or MT3405 spray rate controller with motorised valves
- » Left/right hydraulic wing-lift kit for lifting each boom wing by approximately 15° to overcome obstacles
- » Polyethylene mudguards and mudflaps to cut down dust or mud-splash



275 LITRE FLUSHING TANK

The flushing tank provides better boom hygiene. Rinsing can be done in the field as soon as the job is done.



18.4 X 30" BIG SINGLE WHEEL FITTED TO HEAVY DUTY SUSPENSION AXLE

The 30" wheels are fitted to a heavy duty axle with trailing arm rubber mount suspension. For a smoother ride and improved boom stability.



CENTRAL CONTROL PANEL

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



PARALLELOGRAM BOOM LIFT

The hydraulic boom lift provides smooth height control for correct spraying height at the operator's fingertips.



60 LITRE CHEMICAL INDUCTION HOPPER

A large 60 litre Chem-e-flush hopper can be fully integrated into the sprayer's control system for ease of chemical handling. Options include a chemical suction probe to induct chemicals from smaller drums and an AgRunner system complete with Micromatic drum fittings.



AIRMIX® AIR-INDUCTION NOZZLES

The SprayWise endorsed AirMix® air-induction nozzles are fitted as standard for improved drift control.



THE PINTO 3000 REPRESENTS CROPLANDS PHILOSOPHY: ROBUST DESIGN AND GENEROUS DIMENSIONS RESULT IN UNMATCHED DURABILITY.

GENEROUS 160 L/MIN DIAPHRAGM PUMP

- » Plenty of volume for superior agitation and water rate flexibility

HYDRAULIC ACCUMULATOR BOOM SUSPENSION

- » For cushioned boom ride

BIG SINGLE WHEELS (30" OR 42") FITTED TO HEAVY DUTY AXLE

- » With less compaction and less crop damage

HEIGHT ADJUSTABLE HITCH AND SWIVEL EYE DRAWBAR

- » To optimise weight distribution and balance

HEAVY DUTY EPOXY-POWDER COATED FRAME

- » To increase chemical resistance and durability

16-24 METRE BOOM, 3000 LITRE TANK

STANDARD FEATURES

SUPERIOR HITCH AND STABLE CHASSIS DESIGN

- » Rugged fabricated chassis and hitch designed for maximum durability
- » Heavy duty single axle with 18.4 x 30" single wheel tyre
- » Height adjustable hitch and swivel eye drawbar to optimise towing balance

BOOM

- » Epoxy-powder coated 16, 18, 21 and 24 metre wide fully hydraulic folding booms
- » Hydraulic accumulator boom suspension system protects the boom and improves the boom ride
- » Hydraulic parallelogram boom lift
- » Boom breakaways are fully adjustable with 90° self returning boom ends
- » Booms hydraulically side fold and lock for transport
- » Self levelling device to keep the boom parallel to the crop
- » 3 section boom control
- » Non-drip, quick-release nozzle bodies with drift reducing AirMix® air-induction nozzles
- » ISOBUS compatible

Also compatible with

- » Trimble
- » Topcon
- » Greenstar

Optional Trimble Ready with Field IQ module available for order

ELECTRIC CONTROLS

In-cab electric controller with master switch, 3-way boom switches and pressure adjustment. Electric motorised valves are easily accessible for servicing.

ROBUST, PRACTICAL TANK DESIGN

3000 litre calibrated polyethylene tank with quick release hinged lid, basket strainer, top/bottom fill, hydraulic venturi agitation, antivortex suction and drain outlet.

ADDITIONAL FEATURES

- » AR160 PTO driven diaphragm pump (160 L/min)
- » 275 litre flushing tank to rinse in the field
- » 15 litre fresh water hand wash tank fitted
- » Integrated chemical suction probe fitted
- » Integrated GPS options easily adapted to most control systems for precise application
- » 60 litre chemical induction hopper

OPTIONAL FEATURES

- » 11.2 x 42" wheels for high clearance applications (72" row width)
- » Bravo 180S or MT3405 spray rate controller with motorised valves
- » Left/right hydraulic wing-lift kit for lifting each boom wing by approximately 15° to overcome obstacles
- » Polyethylene mudguards and mudflaps to cut down dust or mud-splash



275 LITRE FLUSHING TANK

The flushing tank provides better boom hygiene. Rinsing can be done in the field as soon as the job is done.



18.4 X 30" BIG SINGLE WHEEL FITTED TO HEAVY DUTY AXLE

The 30" wheels are fitted to a heavy duty axle and generously matched to the sprayer capacity to provide easy towing and a smoother ride. Optional 11.2 x 42" wheels for higher clearance are available.



CENTRAL CONTROL PANEL

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



PARALLELOGRAM BOOM LIFT

The hydraulic boom lift provides smooth height control for correct spraying height at the operator's fingertips.



60 LITRE CHEMICAL INDUCTION HOPPER

A large 60 litre Chem-e-flush hopper can be fully integrated into the sprayer's control system for ease of chemical handling. Options include a chemical suction probe to induct chemicals from smaller drums and a AgRunner system complete with micromatic drum fittings.



AIRMIX® AIR-INDUCTION NOZZLES

The SprayWise endorsed AirMix® air-induction nozzles are fitted as standard for improved drift control.



STANDARD FEATURES

CONSTRUCTION

Made and partially assembled in Italy by Bargam. These booms are all corrosion resistant. Made with high tensile steel that is epoxy-powder coated for durability.

SIZE

Available in 21, 24 and 30 metre widths, all booms hydraulically fold and lift as standard and fold in a gull wing style.

STANDARD FEATURES

CONSTRUCTION

Australian made, in Adelaide for the toughest Aussie conditions. Both chemical and corrosion resistant these booms are all laser cut high tensile steel. All components are epoxy-powder coated for durability.

SIZE

Available in 33 and 36 metre, all booms hydraulically fold and lift as standard and fold in a gull wing style.

OPTIONS

- » Independent hydraulic wing lift
- » Independent outer wing fold for spraying at half width

OPTIONS

- » Independent hydraulic wing lift
- » Independent outer wing fold for spraying at half width

NOZZLE PROTECTION

Spray rails are mounted 'internally' to give nozzle protection.

NOZZLE SPACING

- » 50 cm on single line as standard
- » Triple nozzle bodies available on 50 cm spacing
- » Single nozzles only can be done at 25 cm spacing

NOZZLE PROTECTION

- » Spray rails are mounted 'internally' to give nozzle protection
- » Our Australian designed skid offers extra safety and confidence when spraying in undulating country

NOZZLE SPACING

- » 50 cm on single line as standard
- » Triple nozzle bodies available on 50 cm spacing
- » Single nozzles only can be done at 25 cm spacing



BRAVO 180S SPRAY RATE CONTROLLER

The Bravo 180S is a feature packed spray rate controller designed to meet the requirements of Australian farming. This model is compact and straightforward to operate – offering constant pressure control for precise application.

- » Connectors for GPS and remote main control
- » USB drive for data transfer and software update
- » Application-specific software: broadacre sprayer, orchard sprayer or multi-row sprayer
- » Tank level indication (with optional level sensor)
- » Automatic tank profile calibration using the flowmeter. Parameters can be exported via USB
- » Automatic adjustment through flow rate or pressure reading (by either the flowmeter or pressure sensor)
- » Automatic stop below minimum set pressure, to ensure nozzles always work within their service range
- » Automatic shut-off of main valve below minimum work speed set by user
- » 10 job configurations can be stored (spray rate, nozzles, etc.) and recalled when necessary
- » Visual and sound alarms
- » Temporary increase and decrease of liquid output
- » Information displayed: application rate, speed, pressure, flow rate, sprayed quantity, tank level, area covered, spraying duration, distance covered



BA7000 SPRAY RATE CONTROLLER

Designed from the ground up and utilising almost 30 years experience in broadacre farming, the fully programmable BA7000 offers a range of features including:

- » User-friendly menu
- » Backlit for night operations
- » Seven individual sections
- » Capable of dual boom switching
- » Full screen monitoring
- » Programmable alarms
- » Operating history
- » On-the-go spray rate adjustment
- » Push-button auto/manual feature for spot treatments
- » Solenoid and motorised ball valve compatible
- » Flow-based control
- » 10 individual operating histories to display total area, flow, litres per hectare

TRAILED SPRAYER SELECTION GUIDE

	PEGASUS 8000	PEGASUS 7000	PEGASUS 6000
DIMENSIONS (METRES)	W 2.6 x L 8.7 x H 3.9 (30 metre)	NA – only fitted with 33 or 36 metre	W 2.6 x L 8.4 x H 3.7 (30 metre)
DIMENSIONS WHEN 33 OR 36 METRE FITTED (METRES)	W 3.5 x L 8.7 x H 3.9 (36 metre)	W 3.75 x L 9.35 H 4.05 (36 metre)	W 3.5 x L 8.4 x H 3.5 (36 metre)
WEIGHT (DRY APPROX)	6,900 kg (36 metre)	N/A	4,800 kg (36 metre)
TANK SIZES	8,000 litre	7,000 litre	6,000 litre
TANK VOLUME INDICATOR	Calibrated tube	Calibrated tank + ARAG	Calibrated tube
AGITATION	Dual Superflo + sparge-tube	Dual Superflo agitation + bypass	Dual Superflo agitation + bypass
DRAINAGE	2" drain valve	2" drain valve	2" drain valve
FLUSHING TANK	700 litre	1,500 litre	470 litre
TANK RINSE SYSTEM	Dual rotating flushing nozzle	Dual rotating flushing nozzle	Rotating flushing nozzle
FILLING (STANDARD)	2" male Camlock comes with non-return valve and filter	2" male Camlock comes with non-return valve and filter	2" male Camlock comes with non-return valve and filter
FILLING FLOWMETER (OPTIONAL)	2" ARAG Wolf	N/A	2" ARAG Wolf
HAND WASH TANK	35 litre	20 litre	20 litre
HITCH	Height adjustable comes with air-ride suspension	Height adjustable comes with air-ride suspension	Height adjustable comes with swivel eye and safety chain
JACK STAND	Heavy duty hydraulic retractable for clearance	Heavy duty retractable for high clearance	Heavy duty retractable for high clearance
AXLE (ADJ. 3 METRE STANDARD ON 33–36 METRE MODELS)	2.5 metre and 3 metre adjustable kit	3 metre fixed with air ride suspension	2.2 metre (optional 3 metre kit) and 3 metre 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 comes with reservoir	12 volt electric system comes with reservoir	Direct drive high capacity system comes with reservoir
MUDGUARDS (OPTIONAL)	Full width ½ wheel type	Full width ½ wheel type (standard)	Full width ½ wheel type
MUDFLAPS (OPTIONAL)	Croplands branded flex type	Croplands branded flex 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 @ 25kph	14,000 kg @ 25 km/h
PUMP (AR POSITIVE DISPLACEMENT DIAPHRAGM TYPE)	AR250	ForceField 9316C3U-M10	AR185 LFP (optional AR250)
PUMP DRIVE (PTO STANDARD)	Hydraulic drive standard (550rpm max)	N/A	Hydraulic drive (optional) (550rpm max)
FILTRATION	5 point filtration	5 point filtration	5 point filtration
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	BA7000	BA7000	Bravo 180S
SYSTEM OPERATION/WORK STATION	Compact rotary selector-valve system	Colour-coded rotary selector-valve system	Compact rotary selector-valve system
BOOM RANGE	33–36 metre	33–36 metre	30–36 metre
33–36 METRE 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 elec/hydraulic (in-cab)	Direct remote elec/hydraulic (in-cab)	Direct remote (elec/hydraulic for more than 2 functions) (in-cab)
HYDRAULIC WING LIFT	Optional	Optional	Optional
BOOM BREAKAWAYS	Self returning on outer wing	Self returning on outer wing	Self returning on outer wing
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 tube
BOOM FLUSHING TAPS	Fitted to all boom tube sections	Fitted to all boom tube sections	Fitted to all boom tube sections
NOZZLES	AirMix 110-02 standard	AirMix 110-02 standard	AirMix 110-02 standard
TWIN NOZZLE SWITCHING	Optional	Optional	Optional
FENCE LINE SPRAYER ASSEMBLY	Optional manual or electric control	Optional manual or electric	Optional manual or electric control
FILL SYSTEM	Optional hi-flow hydraulic drive fill pump	Remote fill pump required	Optional hi-flow hydraulic drive fill pump
CHEMICAL MIXING AND INDUCTION	100 litre standard with drop leg	60 litre standard with drop leg	60 litre standard with drop leg
CHEMICAL INDUCTION PROBE COMES WITH DRUM RINSE	Optional	Optional	Optional
ENVIRODRUM TRANSFER SYSTEM	Optional	N/A	Optional

PEGASUS 5000	PINTO 4000	PINTO 3000
W 2.6 x L 7.7 x H 3.3 (30 metre)	W 2.5 x L 6.4 x H 3.4	W 2.65 x L 6.6 x H 3.3
W 3.5 x L 8.4 x H 3.4 (33 metre)	N/A	N/A
4,300 kg (30 metre)	2,300 kg (21 metre)	2,100 kg (21 metre)
5,000 litre	4,000 litre	3,000 litre
Calibrated tube	Calibrated tube	Graduated tank
Dual Superflo agitation + bypass	Dual Superflo agitation + bypass	Dual Superflo agitation + bypass
2" drain valve	2" drain valve	2" drain valve
470 litre	275 litre	275 litre
Rotating flushing nozzle	Rotating flushing nozzle	Rotating flushing nozzle
2" male Camlock comes with non-return valve and filter	1 ½" Camlock comes with non-return valve	1 ½" Camlock comes with non-return valve
2" ARAG Wolf	2" ARAG Wolf	2" ARAG Wolf
20 litre	15 litre	15 litre
Height adjustable comes with swivel eye and safety chain	Height adjustable comes with swivel eye and safety chain	Height adjustable comes with swivel eye and safety chain
Heavy duty retractable for high clearance	Height adjustable removable type	Height adjustable removable type
2.2 metre (optional 3 metre kit) and 3 metre adjustable kit	2 metre fixed	2 metre fixed
Load sensing air bag type (optional)	Rubber spring	Rubber spring option
Direct drive high capacity system comes with reservoir	N/A	N/A
Full width ½ wheel type	Full width ½ wheel type	Full width ½ wheel type
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)	18.4 x 30" (optional 11.2 x 42" rowcrop – 72" track)
11,000 kg @ 25 km/h	6,500 kg @ 25 km/h	6,500 kg @ 25 km/h
AR185 LFP (optional AR250)	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 comes with pressure control (optional Bravo 180S)	ARAG 3 section in-cab switchbox comes with pressure control (optional Bravo 180S)
Compact rotary selector-valve system	4-way ball valve selector system	4-way ball valve selector system
24–36 metre	18–24 metre	16–24 metre
Heavy duty spring loaded yaw control	N/A	N/A
Nitrogen accumulator type	Nitrogen accumulator	Nitrogen accumulator
Direct remote (elec/hydraulic for more than 2 functions) (in-cab)	Direct remote (elec/hydraulic for more than 2 functions) (in-cab)	Direct remote (elec/hydraulic for more than 2 functions) (in-cab)
Optional	Optional	Optional
Self returning on outer wing	Self returning on outer wing	Self returning on outer wing
2,000mm parallelogram type	1,500mm parallelogram type	1,500mm parallelogram type
Low friction stainless steel boom tube	Low friction stainless steel boom tube	Low friction stainless steel boom tube
Fitted to all boom tube sections	Fitted to all boom tube sections	Fitted to all boom tube sections
AirMix 110-02 standard	AirMix 110-02 standard	AirMix 110-02 standard
Optional	N/A	N/A
Optional manual or electric control	Optional manual or electric control	Optional manual or electric control
Optional hi-flow hydraulic drive fill pump	Remote fill pump required	Remote fill pump required
60 litre standard with drop leg	60 litre standard with drop leg	60 litre standard with drop leg
Optional	Suction only standard	Suction only standard
Optional	Optional	Optional

NATIONWIDE DEALER LISTING

CROPLANDS

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ACT and NSW

Bathurst	On-Trac Ag	02 6332 5655
Cowra	Cowra Machinery Centre	02 6342 5555
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Gilgandra	Western Farm Machinery	02 6847 0318
Goulburn	Goulburn Farm Machinery	02 4821 4148
Griffith	Guidolin Agrimac	02 6964 3400
Gunnedah	NFS-Ag	02 6742 7771
Hexham	Kentan Machinery	02 4964 8275
Lismore	Agrihaus	02 6622 0003
Moree	Black Truck & Ag	02 6752 2277
Mudgee	On-Trac Ag	02 6372 2662
Orange	On-Trac Ag	02 6362 5566
Parkes	McPherson's Parts & Service	02 6862 3888
Taree	Kentan Machinery	02 6552 5833
Temora	Temora Truck & Tractor Service	02 6977 1098
Tottenham	Western Farm Machinery	02 6892 4078
Wagga Wagga	JGW Harvest & Tillage Support	02 6925 0427
Walgett	Walgett Tyre & Machinery Service	02 6828 1500
Walla Walla	CJ & LH Wiesner	02 6029 2151
Warren	Western Farm Machinery	02 6847 3422
West Wyalong	West Wyalong Machinery Centre	02 6972 1057
Young	Carruthers Machinery	02 6382 7233

NORTHERN TERRITORY

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

QUEENSLAND

Atherton	Tableland Pumps & Pipes	07 4091 2277
Ayr	Northern AgriServices	07 4783 4488
Biloela	BMAS	07 4992 5332
Bundaberg	Lindsay Rural	07 4150 0500
Capella	Western Mechanical	07 4984 9925
Dalby	Black Truck & Ag	07 4669 8988
Gatton	Lockyer Farm Machinery	07 5462 1888
Goondiwindi	Black Truck & Ag	07 4671 3512
Gordonvale	NQ Rural Supplies	07 4056 1977
Ingham	Northern AgriServices	07 4776 1477
Innisfail	GF Rural Supplies	07 4061 1066
Kalbar	South East Qld Tractor Sales & Service	07 5463 5957
Mackay	Mackay Rural	07 4952 2466
Mareeba	Think Water Mareeba	07 4092 7788
Nambour	Tractors Machinery Implements	07 5476 4888
Proserpine	Farm HQ	07 4945 2733
Sarina	Farm HQ	07 4956 2139
Springsure	Springsure Header and Tractor	07 4984 1258
Toowoomba	Black Truck & Ag	07 4631 4200
Toowoomba	Toowoomba Spray Shop	07 4634 4000

SOUTH AUSTRALIA

Cleve	Pringles Crouch	08 8628 2150
Crystal Brook	Pringles Crouch	08 8636 2257
Cummins	Pringles Crouch	08 8628 2150
Kadina	AW Vater & Co	08 8821 3922
Kimba	Pringles Crouch	08 8627 2071

Loxton	Ronco Motors	08 8584 5575
Naracoorte	Kubpower	08 8762 0123
Pinnaroo	Ronco Motors	08 8577 8129
Tanunda	Vater Machinery	08 8563 2008
Saddleworth	AW Vater & Co	08 8847 5000
Strathalbyn	Bates Farm Machinery	0417 363 555
Wudinna	Pringles Crouch	08 8680 2236

TASMANIA

Statewide	Spray Shop Tasmania	03 6343 1666
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VICTORIA

Ballarat	Central Machinery Services	03 5332 0566
Bendigo	Precision Control Australia	03 5448 8484
Cobram	Cobram Rural	03 5871 3333
Echuca	Echuca Rural	03 5482 2788
Colac	Swayn & McCabe	03 5231 5022
Hamilton	Phillips Farm Machinery	03 5572 1822
Horsham	Traction Ag	03 5381 1385
Leongatha	TTMI	0422 411 700
Lilydale	Agpower	03 9739 5006
Maffra	TTMI	03 5141 1700
Mildura	Sunrise Ag	03 5023 0284
Nhill	Traction Ag	03 5391 1144
Ouyen	Sunrise Ag	03 5092 1031
Shepparton	Shepparton Rural	03 5832 3500
St Arnaud	The Sprayer Centre	03 5495 3222
Swan Hill	Sunrise Ag	03 5032 0099
Wangaratta	McGregor Machinery	03 5722 9933
Warmambool	CLAAS Harvest Centre	03 5561 1733
West Gippsland	TTMI	03 5633 1588
Wodonga	C.J. & L.H. Wiesner	02 6024 6444

WESTERN AUSTRALIA

Albany	AFGRl	08 9842 8529
Boyup Brook	AFGRl	08 9765 1305
Carnarvon	Carnarvon Tractors	08 9941 3622
Cowaramup	Cowaramup Tractor Sales	08 9755 5207
Cunderdin	Ag Implements	08 9635 1364
Dalwallinu	AFGRl	08 9661 1105
Donnybrook	Machinery West	08 9731 0700
Esperance	AFGRl	08 9071 6702
Geraldton	AgWest Machinery	08 9923 3021
Gnowangerup	AFGRl	08 9827 1207
Lake Grace	AFGRl	08 9861 0000
Merredin	Ag Implements	08 9041 4100
Moora	Cunninghams Ag	08 9651 1038
Mukinbudin	Ag Implements	08 9047 1109
Narembene	Ag Implements	08 9064 7214
Northam	Ag Implements	08 9622 5855
Perth	AFGRl	08 9277 1140
Perth	Sprayline	08 9250 6100
Pingelly	AFGRl	08 9887 1395
Quairading	Ag Implements	08 9645 0070
Wagin	AFGRl	08 9861 0000
Wongan Hills	AFGRl	08 9671 1311

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Rob Graham0409 597 462

South and Central QLD

Michael Clarke0428 311 831

South QLD/North NSW

Craig Blackett0407 485 569

Central NSW/TAS

Dave Farmer0427 651 971

SOUTH

South NSW/VIC

David Hamilton0427 975 072

VIC Steve Ross0417 832 784

SA/South VIC

Jeremy Deck0430 006 672

WEST

WA John Griffiths0407 132 746

WA Gavin Merritt0448 022 172

WA Scot Craig0448 337 280

NATIONAL SALES AND SUPPORT

SALES MANAGER

Jeremy Rennick0409 065 994

CROPLANDS AUSTRALIA

Freecall1800 999 162

Freefax1800 623 778

Emailsales@croplands.com.au

fwww.facebook.com/Croplands

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CROPLANDS HEAD OFFICE

50 Cavan Road Dry Creek SA 5094

Tel08 8359 9300

Fax08 8349 6175

Technical Service1300 650 724

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