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.

General Manager

Sean Mulvaney
General Manager

Croplands

BROADACRE TRAILED BUYERS’ GUIDE EFFECTIVE AUGUST 2019
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.
- Additional standard features include:
  - Large Venturi agitators front and rear, plus sparge-tube recirculation, ensures 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, and Greenstar.

**BOOMS**

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

- 20 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-leveling 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.

**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).

**PROVEN CHASSIS DESIGN**

- A heavy duty, fully welded and spray-provided 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 air-induction suspension – adjustable to 3 metre width – for excellent shock absorption and stability will ensure longest 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.

**ADDITIONAL STANDARD FEATURES**

- AR (Meier Roverbar) 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.

**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.

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**PEGASUS 8000**

**PEGASUS 8000 with 36m boom**

**BUILT AUSSIE TOUGH**

- Designed for large scale farming.
- 33–36 metre booms to suit all spraying conditions.
- Wide range of accessories available.
- Exceptional boom stability.
- Superior lube management system.
- Easy to clean.
- Many safety features included.

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**CROPLANDS**

**BROADACRE TRAILED BUYERS’ GUIDE EFFECTIVE AUGUST 2019**
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.

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.

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.

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 drawbar.

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

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.

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

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

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.

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.

BROADACRE TRAILED BUYERS’ GUIDE EFFECTIVE AUGUST 2019
**BOOM SUSPENSION**
The parallelogram boom suspension with hydraulic accumulator contributes to a smoother ride and reduces boom fatigue significantly.

**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.

**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.

**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.

**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.

**BROADACRE TRAILED BUYERS’ GUIDE EFFECTIVE AUGUST 2019**

**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.

**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.

**AIRBAG AXLE SUSPENSION**
Hendrickson airbags ensure a smoother ride, longer boom life and is controlled by an automatic ride height valve.
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 distribution 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
» 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
- Brushing tips 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

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

CROPLANDS PEGASUS AND PINTO RANGE OF BOOMSPRAYERS FOR BROADACRE ARE PROUDLY BUILT IN AUSTRALIA.
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.

UP TO 9 BOOM SECTIONS

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

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.

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.

ADJUSTABLE HITCH DESIGN

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

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.

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.

LARGE OPERATOR ACCESS AREA

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

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.

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.

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

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18–24 METRE BOOM, 4000 LITRE TANK

STANDARD FEATURES

SUPERIOR HITCH AND STABLE CHASSIS DESIGN
- Rugged fabricated chassis and hitch designed for maximum durability
- 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

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 meet 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 1805 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

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.

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 WITH TRAILING ARM RUBBER MOUNT SUSPENSION
The 30” wheels are fitted to a heavy duty axle with trailing arm rubber mount suspension. For a smoother ride and improved boom stability.

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.
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

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 1805 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

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, anti-vortex suction and drain outlet.

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.

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.

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.

ADDITIONAL FEATURES
> ISOBUS compatible
> Also compatible with

PINTO 3000

BROADACRE TRAILED BUYERS’ GUIDE EFFECTIVE AUGUST 2019

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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 lengths, 21–30 metre booms hydraulically fold and lift as standard and fold in a gull wing style.

OPS
» 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

BA7000 SPRAY RATE CONTROLLER
The BA7000 was designed from the ground up and utilising almost 30 years experience in broadacre farming, this fully programmable BA7000 offers a range of features including:
» User-friendly menu
» Backlit for night operations
» Seven individual sections
» Capability 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

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 GPRS 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

ASSEMBLED, PLUMBED AND FITTED AT OUR ADELAIDE PRODUCTION FACILITY, THESE BOOMS COME IN 33 OR 36 METRE LENGTHS AND ARE EXTREMELY RELIABLE AND SIMPLE TO OPERATE. THESE BOOMS, LIKE THE REST OF OUR RANGE, COME WITH STAINLESS STEEL LINES AS STANDARD AND ARE ALL PLUMBED ON CENTRE.

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## TRAILED SPRAYER SELECTION GUIDE

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<td><strong>Tank Sizes</strong></td>
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<td>Dual SuperFlo + spray-line</td>
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<td>Dual SuperFlo + spray-line + bypass</td>
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<td>2&quot; male Camlock comes with non-return valve and filter</td>
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<td><strong>Boom Plumbing (On Centre)</strong></td>
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<tr>
<td><strong>Boom Height Adjustment</strong></td>
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<tr>
<td><strong>Boom Breakaways</strong></td>
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<tr>
<td><strong>Hydraulic Controls</strong></td>
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<tr>
<td>3.5 - 4.2 metre</td>
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<tr>
<td><strong>Under Aisle Clearance</strong></td>
<td>650mm</td>
<td>720mm</td>
<td>720mm</td>
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<tr>
<td><strong>Tyres</strong></td>
<td>710/60R x 42&quot;</td>
<td>710/60R x 42&quot;</td>
<td>20.8 x 42&quot;</td>
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<tr>
<td><strong>Aisle Rating</strong></td>
<td>15,000 kg at 40 km/h</td>
<td>16,250 kg at 50 km/h</td>
<td>14,000 kg at 25 km/h</td>
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<tr>
<td><strong>Pump (Air Positive Displacement Diaphragm Type)</strong></td>
<td>AR250</td>
<td>Foroyal 3016C20-M10</td>
<td>AR180 (optional AR250)</td>
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<tr>
<td><strong>Pump Drive (PTO Standard)</strong></td>
<td>Hydraulic drive (optional)</td>
<td>Hydraulic drive (optional)</td>
<td>N/A</td>
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<tr>
<td><strong>Air System (If Fitted)</strong></td>
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<tr>
<td>7” Inflation</td>
<td>5 point inflation</td>
<td>5 point inflation</td>
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<td><strong>Boom Shutoff Values</strong></td>
<td>ARAG motorised 5 sections optional</td>
<td>ARAG motorised 5 sections optional</td>
<td>ARAG motorised 5 sections optional</td>
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<tr>
<td><strong>Controller</strong></td>
<td>BA1000</td>
<td>BA1000</td>
<td>Bravo 180S</td>
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<td><strong>System Operation/Work Station</strong></td>
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<tr>
<td>Compact rotary selector-valve system</td>
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<tr>
<td><strong>Nozzles</strong></td>
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<tr>
<td><strong>Boom Suspension</strong></td>
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<tr>
<td><strong>Nylon Accumulator Type</strong></td>
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<tr>
<td><strong>Controlled</strong></td>
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<tr>
<td>Sand - 3.0m EC/DO3</td>
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<tr>
<td><strong>Airhomme Hydraulic Lift</strong></td>
<td>Optional</td>
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<tr>
<td><strong>Boom Breakaway</strong></td>
<td>Self retracting on outer wing</td>
<td>Self retracting on outer wing</td>
<td>Self retracting on outer wing</td>
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<tr>
<td><strong>Boom Height Adjustment</strong></td>
<td>2.000mm parallelogram type</td>
<td>2.000mm parallelogram type</td>
<td>2.000mm parallelogram type</td>
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<tr>
<td><strong>Boom Plumbing (On Centre)</strong></td>
<td>Low friction stainless steel boom tube</td>
<td>Low friction stainless steel boom tube</td>
<td>Low friction stainless steel boom tube</td>
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<tr>
<td><strong>Boom Flushing Taps</strong></td>
<td>Fitted to all boom tube sections</td>
<td>Fitted to all boom tube sections</td>
<td>Fitted to all boom tube sections</td>
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<tr>
<td><strong>Chemical Mixing and Induction</strong></td>
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<tr>
<td><strong>Chemical Induction Probe Comes with Drum Ring</strong></td>
<td>Optional</td>
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<tr>
<td><strong>Dimensions (Metres)</strong></td>
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### NATIONWIDE DEALER LISTING

**ACT and NSW**

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<th>Location</th>
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<tbody>
<tr>
<td>Riyadh</td>
<td>02 6737 2562</td>
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<td>Orange</td>
<td>02 6730 5506</td>
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<td>Port Augusta</td>
<td>08 8345 8520</td>
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<td>Port Augusta</td>
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**QUEENSLAND**

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<tbody>
<tr>
<td>Atherton</td>
<td>07 4061 2277</td>
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<tr>
<td>Ipswich</td>
<td>07 4925 5332</td>
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<tr>
<td>Bundaberg</td>
<td>07 4669 8848</td>
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<tr>
<td>Capella</td>
<td>07 4984 9925</td>
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<tr>
<td>Dalby</td>
<td>07 4669 8988</td>
</tr>
<tr>
<td>Gatton</td>
<td>07 5462 1888</td>
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<tr>
<td>Goondiwindi</td>
<td>07 4671 3512</td>
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<tr>
<td>Goodna</td>
<td>07 4662 1977</td>
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<tr>
<td>Ingham</td>
<td>07 4770 1477</td>
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<tr>
<td>Inverell</td>
<td>07 4961 1066</td>
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<tr>
<td>Kalbar</td>
<td>07 5463 5957</td>
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<tr>
<td>Mackay</td>
<td>07 5426 2466</td>
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<tr>
<td>Mareeba</td>
<td>07 4092 7788</td>
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<tr>
<td>Nambour</td>
<td>07 4547 4888</td>
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<tr>
<td>Prosperiene</td>
<td>07 4945 2733</td>
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<tr>
<td>Sarina</td>
<td>07 4956 2139</td>
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<tr>
<td>Spring Grove</td>
<td>07 4984 1258</td>
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<tr>
<td>Toowoomba</td>
<td>07 4631 4200</td>
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<tr>
<td>Toowoomba</td>
<td>07 4634 8000</td>
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**NORTHERN TERRITORY**

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<thead>
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<tbody>
<tr>
<td>Darwin</td>
<td>08 8947 1008</td>
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<tr>
<td>Humpty Doo</td>
<td>08 8988 1254</td>
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**SOUTH AUSTRALIA**

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<th>Location</th>
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<tr>
<td>Cleve</td>
<td>08 8628 2150</td>
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<tr>
<td>Crystal Brook</td>
<td>08 6368 2257</td>
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<tr>
<td>Cummins</td>
<td>08 8628 2150</td>
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<tr>
<td>Kadina</td>
<td>08 8823 3922</td>
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<tr>
<td>Kimba</td>
<td>08 8627 2071</td>
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**TASMANIA**

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<tr>
<td>Statewide</td>
<td>03 6343 1666</td>
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**VICTORIA**

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<tr>
<td>Ballarat</td>
<td>03 5332 0666</td>
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<tr>
<td>Bendigo</td>
<td>03 9448 8444</td>
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<tr>
<td>Cobram</td>
<td>03 5871 1330</td>
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<tr>
<td>Echuca</td>
<td>03 5482 2786</td>
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<tr>
<td>Colac</td>
<td>03 5231 5202</td>
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<td>Hamilton</td>
<td>03 5572 1822</td>
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<td>Horsham</td>
<td>03 5381 1385</td>
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<td>Leopold</td>
<td>03 5141 1700</td>
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<td>Millicent</td>
<td>03 5023 0284</td>
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<tr>
<td>Nhill</td>
<td>03 5391 1194</td>
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<tr>
<td>Ouyen</td>
<td>03 5992 1031</td>
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<tr>
<td>Shepparton</td>
<td>03 6531 2500</td>
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<tr>
<td>St Arnaud</td>
<td>03 5495 3222</td>
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<td>Swan Hill</td>
<td>03 5352 0099</td>
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<tr>
<td>Wangaratta</td>
<td>03 5722 9933</td>
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<tr>
<td>Warmanwood</td>
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<tr>
<td>West Gippsland</td>
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<td>Wodonga</td>
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**WESTERN AUSTRALIA**

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<tr>
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<td>Boyup Brook</td>
<td>08 9765 1305</td>
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<tr>
<td>Carnarvon</td>
<td>08 9941 3622</td>
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<td>Cowaramup</td>
<td>08 9755 5207</td>
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<td>Cunderin</td>
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<td>Dalwallin</td>
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<td>Darrylbrook</td>
<td>08 9731 7000</td>
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<tr>
<td>Esperance</td>
<td>08 9671 0702</td>
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<td>Glenfield</td>
<td>08 9923 2021</td>
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<tr>
<td>Greenslopes</td>
<td>08 9827 1207</td>
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<td>Merredin</td>
<td>08 9941 4100</td>
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<td>Mingenewton</td>
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<tr>
<td>Mount Gambier</td>
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<td>Narembeen</td>
<td>08 9606 7214</td>
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<tr>
<td>Northam</td>
<td>08 9922 5855</td>
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<tr>
<td>Perth</td>
<td>08 9277 1140</td>
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<td>Perth</td>
<td>08 9259 6100</td>
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<td>Pinjarra</td>
<td>08 8887 1395</td>
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<td>Wagin</td>
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<td>Wingham Hills</td>
<td>08 9671 1311</td>
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</table>

**NATIONAL SALES AND SUPPORT**

**SALES MANAGER** Jeremy Rennick - 0409 065 994

**CROPLANDS AUSTRALIA**

- Freecall: 1800 999 162
- Fax: 1800 623 778
- Email: sales@croplands.com.au
- Twitter: @Croplands

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