

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

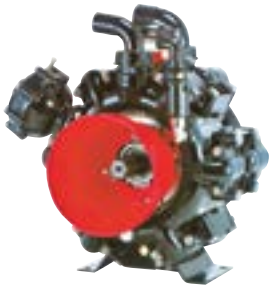
Pegasus 8000 with 36m boom



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 tractors tow bar.



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.



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.

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.



NEW FOR 2017 PEGASUS 7000 PLUS

250MM SPACINGS
UPGRADE
AVAILABLE
COMPLETE COVERAGE

1 1500 LITRE FLUSHING 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 large toolbox and tank lids. Fold down steps provide greater crop clearance.

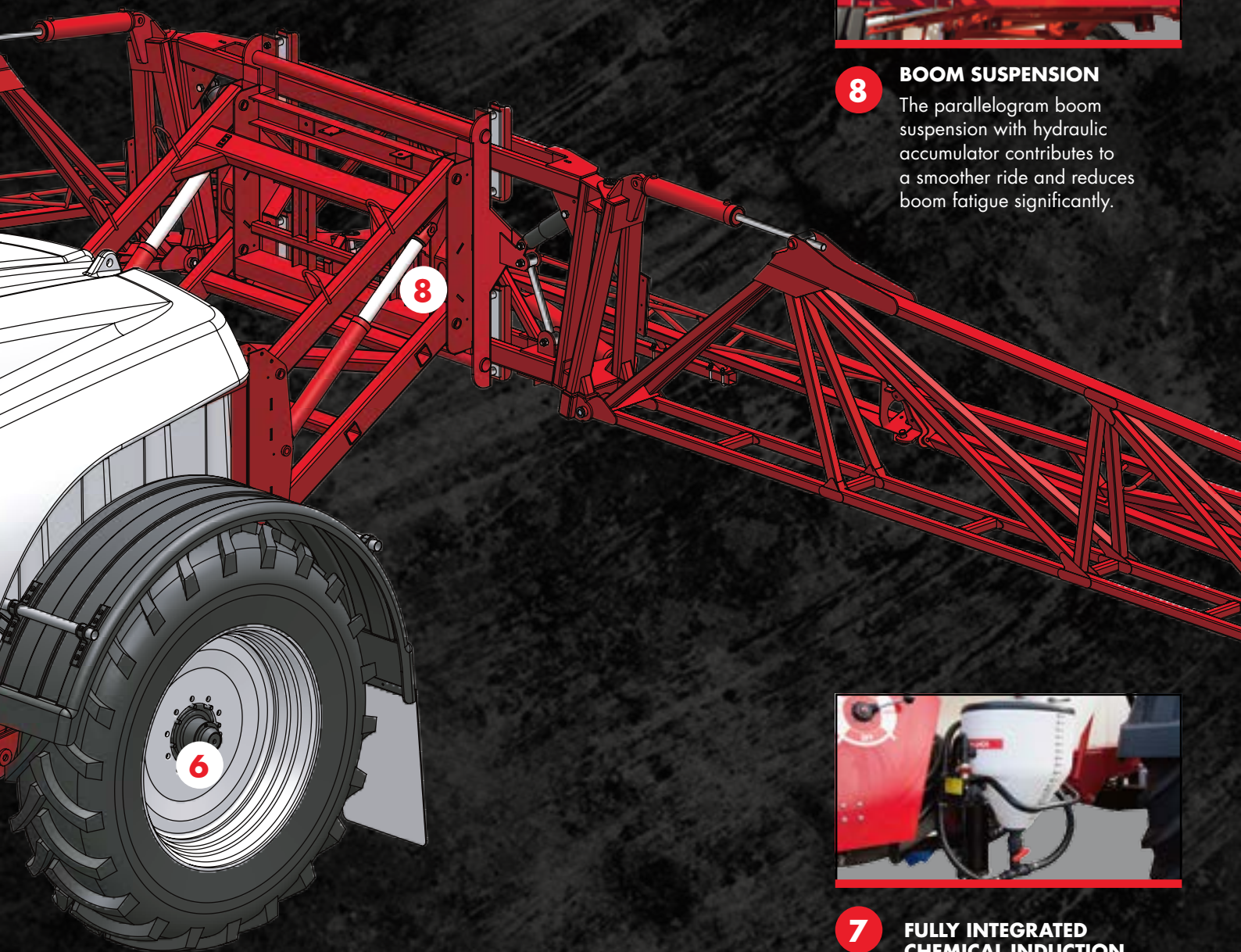
3 AIR RIDE DRAWBAR SYSTEM

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 900L/min.





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.



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.



33-36 METRE BOOMS, 7000 LITRE MAIN TANK, PLUS 1500 LITRE TANK

A BRAND NEW 7000 LITRE MODEL PEGASUS, ENCOMPASSING A VERSATILE 1500 LITRE TANK WHICH CAN BE MODIFIED TO MATCH THE FARMERS' NEEDS.

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 single 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 MODELS

7000 LITRE MAIN TANK WITH 1500 LITRE STORAGE TANK AND DCI

- » 1500 litre tank can be used to store concentrated chemicals to be used with a direct chemical injection (DCI) pumping system
- » The chemical from the 1500 litre storage tank can also be used to pump into the main tank where extensive travel is required
- » This sprayer is fitted with a two large capacity, centrifugal HYPRO pumps with Forcefield technology. Pump 1 is utilised for self-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

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 maximising field efficiency with a combined volume of 8500 litres. 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 a two large capacity, centrifugal HYPRO pumps with Forcefield technology. Pump 1 is utilised for self-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



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

- » 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
- » 3 section motorised valves, 5 or 7 optional

Also compatible with

- » Trimble
- » Topcon
- » Greenstar

Optional Trimble Ready with Field IQ module available for order.

BOOMS

- » Choose from 24, 28, 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

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

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 Bravo 400S or 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.

1 UP TO 7 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, 28 or 24 metre boom. This suspension option is recommended for more undulating terrain.





3

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.



4

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.



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 cut out wasted time and effort. All tanks can be filled from a single source using a simple rotary valve for tank selection.

7

LARGE OPERATOR ACCESS AREA

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



9

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.

6

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.



8

ADJUSTABLE HITCH DESIGN

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