

# GOLDACRES



## G6 Series Crop Cruiser



# Australia's world class sprayers

**The Goldacres G6 series Crop Cruiser is designed for operators who demand the very best in sprayer performance, efficiency and comfort.**

With 40 years of experience in sprayer manufacturing you can be confident that your new Goldacres Crop Cruiser will meet or exceed your expectations.

The G6 series Crop Cruiser is a high capacity, high clearance and high performance sprayer ideally suited to large scale dry land farming enterprises. These sprayers are

designed with efficiency in mind, with exceptional power to weight ratio, full mechanical driveline, unbeatable boom ride and the industry's best fuel economy.

Read on and find out for yourself why the Goldacres G6 series Crop Cruiser is the right choice for your business.







# Australia's own

**Goldacres is an Australian owned and operated manufacturer of the country's finest spray equipment.**

From our inception over four decades ago, Goldacres has prospered by constantly reinventing its products and business practices in this fast changing landscape that's modern farming. Our philosophy is simple;

"To put farmers in the driver's seat of best fit technology to make them outstanding in their field"

We are driven by four core values, innovation, uncompromising quality, adaptability and lastly being courageous.

These four values have led Goldacres on a journey to where we are today, offering customer based spraying solutions that advance them forward with complete confidence.

Our sprayers are proudly designed and built right here in Australia by a team of dedicated staff, turning ideas into reality and delivering practical, efficient spraying solutions.









# Welcome to business class

## The best sprayer in the business deserves the best cabin in its class - Welcome to business class.

The sprayer is one of the most utilised items of equipment on the farm today. Long hours day after day places plenty of demand on the operator to get the spraying program completed. At times it's like a second office, where mobile communication means your sprayer becomes your place of business. The crop cruiser cabin makes it all possible, with features like the very latest in European styling and finishes. Narrow profile four post frame with external truss Roll Over

Protective Structure (ROPS), double skinned rear wall and extensive sound deadening provide a strong, yet peaceful uninterrupted view of the job at hand. Centrally located cabin with suspension and air ride seat help reduce operator fatigue, allowing more hectares to be completed in a day. Putting it simply, you have the best laid out controls. Read on and find out why the Goldacres Crop Cruiser cabin really is "business class"

**Lowest cabin noise in its Class**

**68.5 db**

*Standard - Bluetooth equipped radio / cd and UHF radio*





# Superior ride



## Multiple suspension systems along with cabin position on the chassis give the operator a smooth comfortable ride

A cabin positioned behind the front axle gives a naturally superior ride due to the reduced vertical movement. In addition, the suspended cabin, air seat and five link air bag chassis suspension system give the operator a smooth, comfortable ride.

- 1 Air ride suspension seat
- 2 Suspended cabin
- 3 Five link suspension with torque rods, rear anti-sway bar with air bags on all four corners
- 4 TriTech boom suspension controlling pitch, roll and yaw



# Superior comfort



## We know that one size does not fit all

Seven way adjustable seat, adjustable side console, adjustable G-Motion™ handle position and adjustable steering column ensure operators of all sizes can find a place to do their best work.



## Two's not a crowd

When the days are long and a bit of company is needed it's nice to have a proper place for someone to sit. The padded training seat with seatbelt is large and comfortable without hindering the operators vision or space. The seat also folds away to reveal a large storage area with optional cooling module for food and beverages.

## Keep your cool

The Australian summers can be long and hot, but that doesn't mean you should be. The fully integrated automatic climate controlled air conditioning system with carbon filter allows the operator to set and forget. Strategically placed air ducting ensures air movement is even around the cabin. There's even an overhead cooled storage compartment for a drink bottle.



# You've been handed a G-Motion™

## Comfortable, adjustable and intuitive.

The new G-Motion™ handle literally puts the sprayer control into the palm of your hand. Functions such as: Individual boom wing tilt, dual boom wing tilt, main boom lift/lower, fence line L/R, auto steer cancel/resume, cruise control set/resume and increase/decrease, master spray on/off mean all spraying operations can be done without moving your hand from the G-Motion™ handle.

- |                            |                           |
|----------------------------|---------------------------|
| 1 Cruise Set / Increase    | 6 Boom Lift               |
| 2 Cruise Resume / Decrease | Left Fence Nozzle         |
| 3 Cruise Cancel            | Right Fence Nozzle        |
| 4 Boom Master On / Off     | Boom Lower                |
| 5 Tilt Right Up            | 7 GPS Auto Steer          |
| Tilt Left up               | 8 Dual Tilt Up (Behind)   |
| Tilt Right Down            | 9 Dual Tilt Down (Behind) |
| Tilt Left Down             |                           |





# All within arm's reach

**Imagine having an operator side console where without lifting your arm or moving your eyes you can easily operate and view all vital sprayer functions - Imagine no more.**



- 1 Adjustable mounting of sprayer console is in line of sight, but low enough so it does not hinder the outside view.
- 2 Multifunction engine and transmission monitor puts vital information at your fingertips.
- 3 Push button transmission selector. Displays selected and actual gear.
- 4 G-Motion™ handle. Adjustable position caters for all operators.
- 5 Boom folding functions.
- 6 Various machine functions like spray pump on/off, 4WD (if optioned) and boom recirculation just to name a few.
- 7 Hinged padded arm rest which reveals a large storage area.



# Visibility where it counts

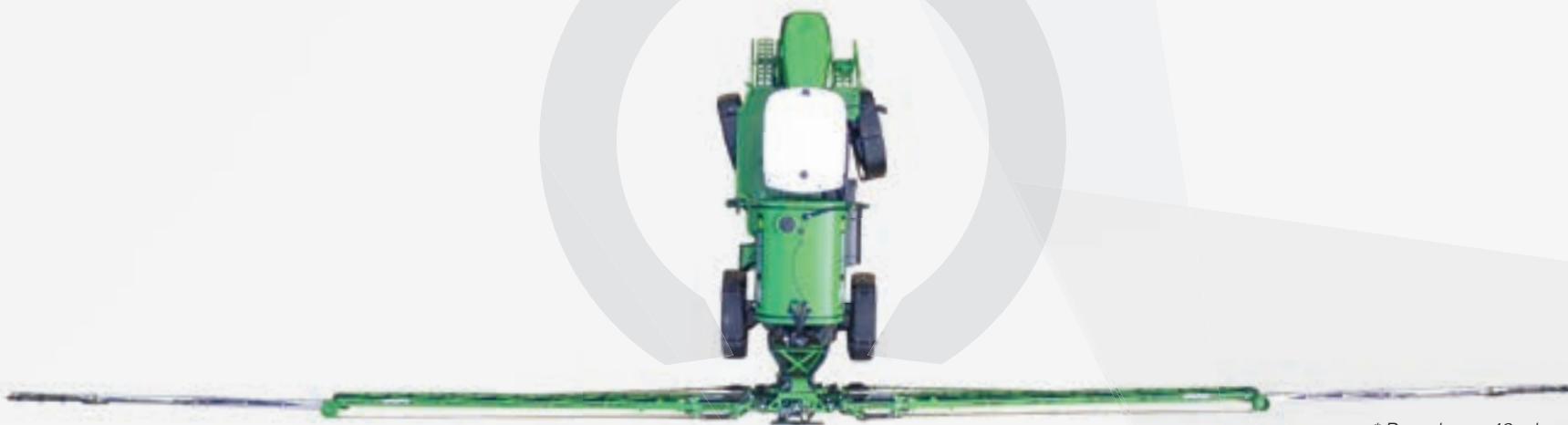
**The high mounted, centrally positioned cabin gives the operator a birds eye view of all corners of the sprayer.**

From the drivers seat the operator has an impressive 320 degree view of the surroundings. All 4 wheels can be seen (rear wheels via rear view mirrors) which aids in row crop work, and manoeuvring around safely. Looking over your shoulder the operator can see an impressive 89% of the boom width\*.

The main access platform features longitudinal slots to see through. Curved glass on all four sides with strategically placed narrow profile 4 post ROPS frame. From the drivers seat looking forward the narrow bonnet with integrated row alignment contour assists the operator to line the sprayer within the

row. Vision of the front wheels aid alignment. The hydraulic oil reservoir with level and temperature gauge, back lit spray and boom hydraulic pressure gauges are clearly visible.

320° View



*\* Based on a 42m boom*









# Control Freaks!

**In today's fast changing precision farming landscape it is easy to be left behind in the technology stakes.**

That's why Goldacres make it easy, with multiple solutions from the basic requirements to the top end needs.

For more than two decades Goldacres have relied on Raven to provide complete flow control systems with matched components to give, quite simply, unmatched flow control accuracy and stability.

At the heart of the control system is a positive displacement pump which runs at a consistent rpm. This creates known flow rates across varying pressures, essential for accurate and stable flow control. In addition, two system critical components, a flow meter and three way regulator valve, combine to help achieve fast on target rate, plus greater flow stability with assured tank agitation.

## **ISO BUS systems**

Sprayer cabins can get pretty busy with the vast range of systems requiring individual control consoles. The ISO BUS standard brings all the systems together into the one display, called a virtual terminal (VT). Essentially each system contains the brains, while the VT is simply the interface between the two. This means only one operator console is required. Goldacres offer the option for ISO BUS compatibility, allowing numerous leading VT displays to take over the sprayer control duties. Features like 3TS, pump speed readout, ultrasonic boom levelling plus sprayer steering and task control applications can all be monitored by the one display.

## **SCS4400 systems**

The proven SCS4400 sprayer console provides simple, fuss free control of the liquid flow duties. The SCS4400 features up to 7 boom section control switches (expandable to 10), manual pump speed readout, ground speed, three tier system (3TS) as well as several counters such as area and volume. If you are looking to further expand the capabilities, then the SCS4400 is compatible with most leading automatic section controllers on the market.

## **Raven RCM**

The G6 Crop Cruiser is fitted with the Raven Control Module (RCM). The RCM features dual nodes which enable 2 screens to be used simultaneously, up to 16 boom section control, remote diagnostics via Bluetooth and 3TS Pro compatibility.



**Any of these controllers can be fitted to  
the G6 Crop Cruiser plus many more**



Raven SCS4400™



TopCon X30 - ISO Bus



John Deere GreenStar™ 3 - ISO Bus



Trimble® TMX® 2050 - ISO Bus



Raven CR7™ - ISO Bus



Ag Leader® In Command - ISO Bus





# Performance on the ground

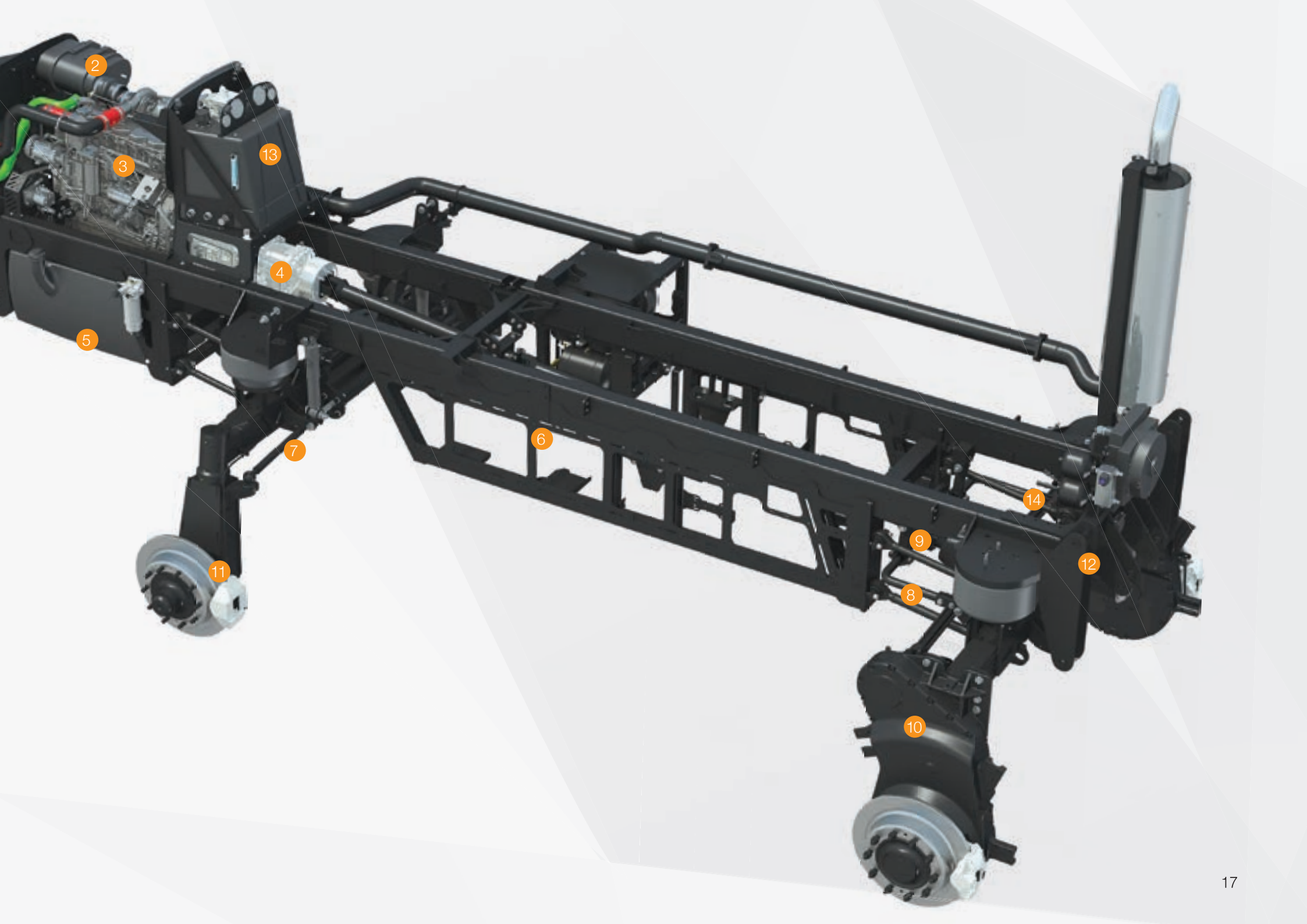
## The Goldacres Crop Cruiser has set the benchmark in terms of driving dynamics for many years.

Our secret to this is the rigid chassis, suspension and mechanical driveline system which provides the foundation we build on. The main chassis is a fully welded, torsionally rigid semi truss structure. This offers not only the best sprayer and boom ride but also the optimum balance between strength and weight.

The proven 5 link suspension featuring polyurethane bushed heavy duty torque rods, rear anti sway bar and air springs on all four corners provide a stable, yet smooth ride. All this combined with the full mechanical drive line results in performance on the ground.

- 1 Large vertically stacked cooling system for fuel, transmission, water jacket, charge air and air conditioning. Optimised cooling fan to reduce noise whilst still provide maximum air flow.
- 2 Over The Radiator (OTR) air cleaner system with twin stage filtration provide cool clean air to the engine.
- 3 Cummins Tier 3 QSB 6.7L - 6 cylinder engine rated to 168kw (225hp) and 949N.m (700 lb-ft). Featuring 2 stage torque curve for maximum drive line life without compromising performance.
- 4 Allison 2500 series 6 speed transmission with electronic push button selector. Double overdrive reduces engine RPM whilst still maintaining 50km/hr transport speed. Lock up clutches
- 5 300L polyethylene fuel tank with both left and right hand side filling points provides enough fuel for the longest spray days without the need to refuel.
- 6 Trussing of chassis in the centre provides maximum strength with minimum weight.
- 7 Oversize 110mm hard chromed steering king pin front leg with mechanical link between front wheels ensures correct steering Ackerman angles & alignment\*
- 8 5 link (4 trailing and 1 panhard rod) torque rods with polyurethane bushing.
- 9 42mm anti sway bar reduces body roll without limiting individual wheel travel.
- 10 Oil filled final drive drop leg puts the power to the ground. Both 2WD and true 4WD versions available.
- 11 4 wheel disc brakes with twin air over hydraulic circuits provides powerful stopping in all situations.
- 12 Integrated boom connection points. Non flexing chassis provides a stable platform for boom control.
- 13 100L hydraulic oil reservoir with level and temperature gauge, visible from drivers seat.
- 14 New limited slip differential (LSD) provides superior traction to both rear wheels.

*\*On fixed track width versions only. Adjustable track sprayers feature individual steering cylinders*





# Mechanical advantage

## More than ever before has every dollar counted.

Today's farmer must evaluate capital equipment purchases carefully to ensure that the return on investment is maximised. With all the models and options available today the choice has never been greater, or harder. Look past the sticker price of the initial purchase, dig a little deeper as substantial variations in sprayer design can make all the difference.

The operating costs are where so much money can be saved. This is where the Goldacres Crop Cruiser mechanical drive line system sets it apart from its hydrostatic drive competitors.

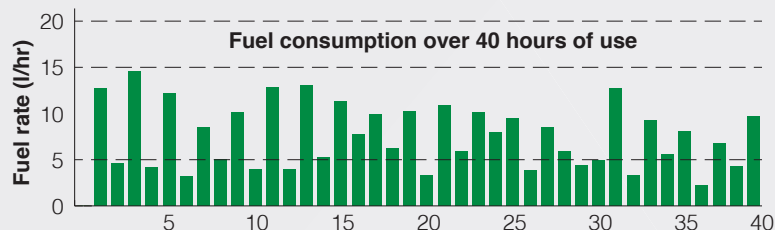
There are numerous benefits with a mechanical drive sprayer. Less maintenance costs, less noise, significant fuel reduction, less heat generated, lower engine rpm, lower horse power required, more torque at the wheels, longer component life.



**1600** RPM\*

Lower engine rpm\* significantly reduces fuel consumption & delivers more torque at the wheels.

These all equate to substantially lower operating costs. Reports back from owners state that the Goldacres Crop Cruiser can use up to a third of the fuel than some hydrostatic drive sprayers in the same situation. So when the time comes to make that important purchase, dig a little deeper and turn the Goldacres mechanical advantage into your advantage.



**11.8L** \*  
AVERAGE L / HR

\*Average RPM and fuel usage taken from a G6 Crop Cruiser operating in the Western district of Victoria over a 40 hour period.







# A sprayer is only as good as its boom

**Today's sprayers are full of bells and whistles which makes spraying a whole lot easier, comfortable and efficient, but it's easy to forget what the end goal is. *Precise chemical application.***

Boom control can be the difference between a good spray result, and no result at all. Goldacres understand this and it is why all our sprayer designs are centred around the boom first and foremost.

## **Why do Goldacres booms ride so well?**

Goldacres pioneered the use of lightweight aluminium in the outer boom wings over two decades ago.

The philosophy was, and still is today that mass on a boom is fine so long as it is as close to the centre as possible. Reduced mass on the boom extremities reduces boom forces in both yaw and roll. This combined with the unique boom suspension results in a very stable boom ride, regardless of the terrain.

TriTech booms are contour following, meaning that the boom level will be referenced to the sprayer

chassis and not purely on gravity such as a pendulum boom. This allows the sprayer to transverse the sides of hills and contours whilst keeping the boom level to the ground at all times. This results in placing the nozzle at the optimum height above the target.

**Some manufacturers claim that by placing the boom out the front of the sprayer the job is made easier. But is it really? There are many reasons why rear mounted booms are better.**

- The sprayer is always moving away from the chemical spray, meaning the chemical ends up on the target, not on the sprayer.
- Access to the sprayer cabin is at the front, free from chemicals. Front mounted boom sprayers have access at the rear which could have chemical residue due to driving into the spray.

- A boom at the rear allows the sprayer to backup and then spray out of a corner.
- When travelling down the road forward visibility is not hampered by the boom centre section.
- A front mounted boom by its nature must have a relatively clear centre section so the operator can see through when folded. This means the boom

suspension system must be quite basic, or non existent, resulting in poor boom performance and ride. A rear mounted boom is not constrained by this and can therefore feature very sophisticated boom suspension systems, which result in superior boom ride.







# TriTech booms

## Strength, Stability, Reliability & Control.

The TriTech boom range is designed for operators who demand the utmost performance, reliability and control. Time and time again the TriTech boom has been named “No.1 for boom stability”<sup>\*</sup> which at the end of the day, results in a superior spray result.

Features such as hydraulic yaw which precisely controls the forwards and backwards movement of the boom wings to minimise the under and over applying of chemical is now standard on all widths.

The strategically placed centre section suspension links help isolate the sprayer chassis movement over rough terrain. Combined with the tuned damping characteristics allows precise roll control enabling an optimal and consistent nozzle height to be maintained, even without the use of electronic height control systems.<sup>\*\*</sup>

All TriTech booms are constructed using lightweight trussing techniques, which allows for a stronger design without weight, the enemy of boom agility.

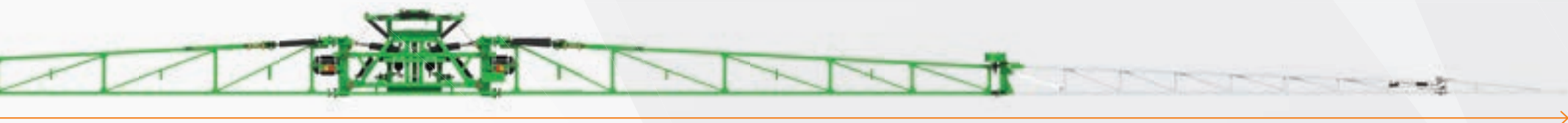
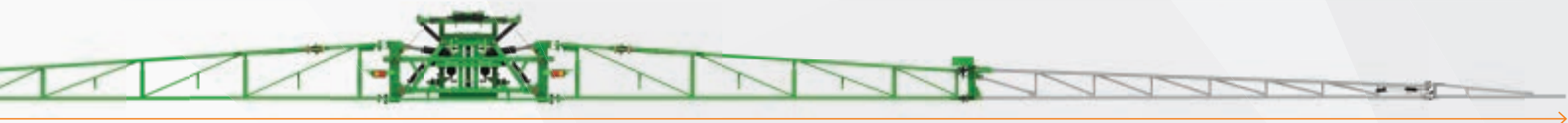
Boom widths	RapidFire / RapidFlow	Boom height control	Bi-fold	3TS / 3TS Pro	Hawkeye
30-42m	Standard 500mm spacing	Option	Option	Option	Option



<sup>\*</sup>Kondinin group's Farming Ahead magazine 2012, 2014 & 2017.

<sup>\*\*</sup>Height control systems may be required in some extreme situations  
~42m TriTech boom







# Smooth operator

## Why is boom ride and stability so important?

A boom which bounces, sways or yaws deposits chemical unevenly on the target. This can result in weed escapes and may even contribute to resistant weeds.

The Goldacres TriTech suspension system has been developed to provide you with the best boom ride possible and assist in an accurate application. Working in conjunction with the chassis airbags the boom features three way suspension that works to reduce boom pitch, roll and yaw - the three enemies of accurate application. A combination of springs and shock absorbers, as well hydraulic cylinders and accumulators all work together to provide the best boom ride possible. The TriTech suspension system has contributed to Goldacres consistently having the best boom ride when measured against competitor machines.

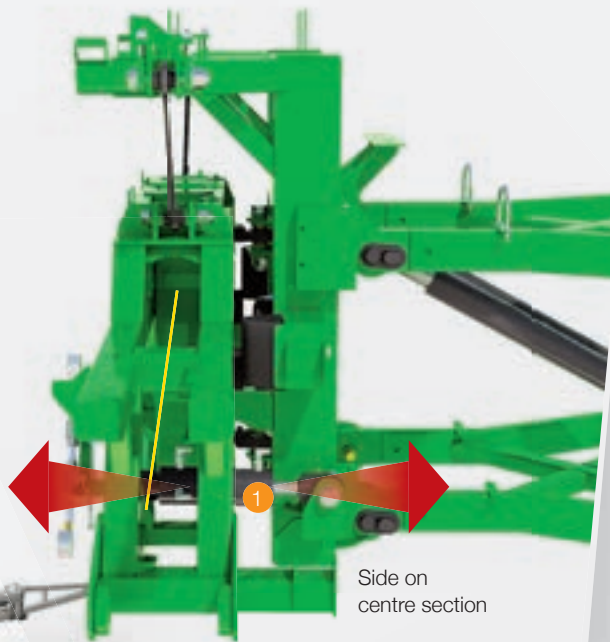


# 3D breakaway

## Yaw

### 1 Hydraulic yaw

Two opposing hydraulic cylinders are mechanically connected together either side of the pivoting boom centre section. As the centre yaws one cylinder is retracted, the other is extended. This results in oil movement which compresses in a nitrogen charged accumulator. The result is precise boom yaw control.



## Roll

### 2 Delta links

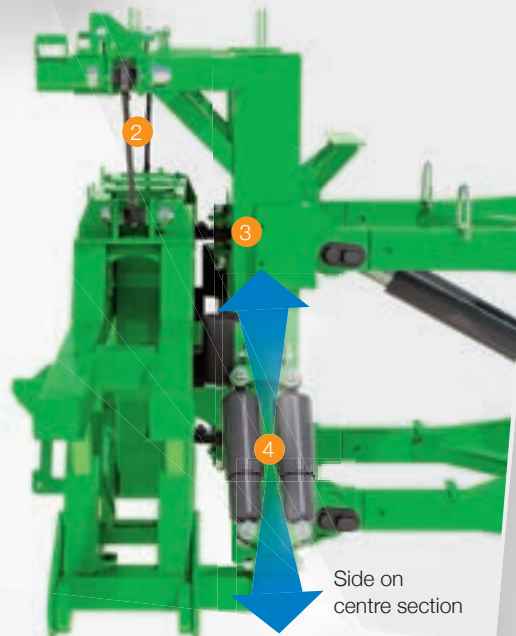
The key to the superior boom ride is the strategically placed delta links. In all there are four links. Each link features spherical ball ends which allow the centre to move in all directions.

### 3 Roll centre point

The roll centre point is the location at which the boom pivots around, both in roll & yaw.

### 4 Roll dampeners

Reduces high frequency oscillation of the boom roll.



The end breakaway section protects the boom from stress damage if a ground, fence or tree strike occurs. The end section can break forwards, backwards and upwards. The spring mechanism uses an eccentric mounted sprocket and chain to provide maximum breakout force in the neutral position, then reduces the force the further the breakout.











# Application technology -

# RapidFire & RapidFlow

**Boom stability is only part of the chemical application story, optimum droplet sizing, pressure, nozzle flow rate and spray uniformity across the boom width are all critical to accurate chemical application.**

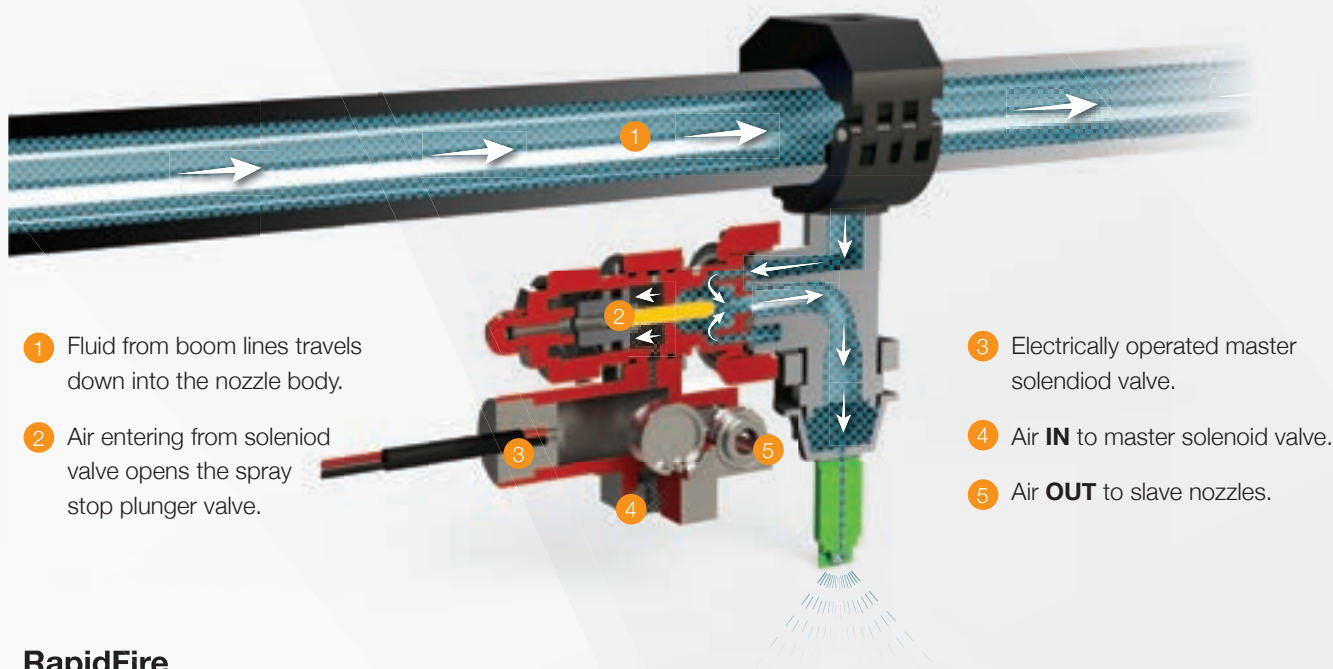
## **RapidFlow - Boom Recirculation**

RapidFlow - Boom Recirculation\* allows the sprayer boom lines to be fully primed without spraying a single drop. This reduces wastage at the start of a tank load

or when switching chemicals. RapidFlow can also be used to thoroughly flush out the boom lines without the need to physically spray on the ground.

- 1 Bank to main tank
- 2 Electric ball valve
- 3 Nozzle body with RapidFire





## RapidFire

Over the last several years there has been a greater shift to precision farming technologies, such as auto steering and automatic boom section control. Both of these technologies are aimed at reducing spray overlaps and unsprayed areas, the former potentially causing crop burning and overuse of chemical. Depending on the field size and shape the wastage can be quite substantial. Goldacres have developed these practices further by introducing RapidFire air controlled nozzle shut off capability.

Traditional systems use motorised boom section valves to control water flow to the nozzles. Wider booms in conjunction with increased number of spray sections means a substantial amount of plumbing is required, thus increasing the delay in spray on and off times. In addition, the further the nozzle is from the centre of the boom the longer the delay becomes. RapidFire overcomes these problems by putting the switching capability right at the nozzle.

Small air lines at each nozzle switch the flow on and off in a fraction of a second, and more evenly across the boom width. Boom line plumbing is also greatly reduced, which quickens line priming and flushing as well as simplifies plumbing.



# Application technology - 3TS / 3TS Pro

Nozzle technology has advanced in leaps and bounds over the years and a strong emphasis on drift control has influenced many nozzle designs.

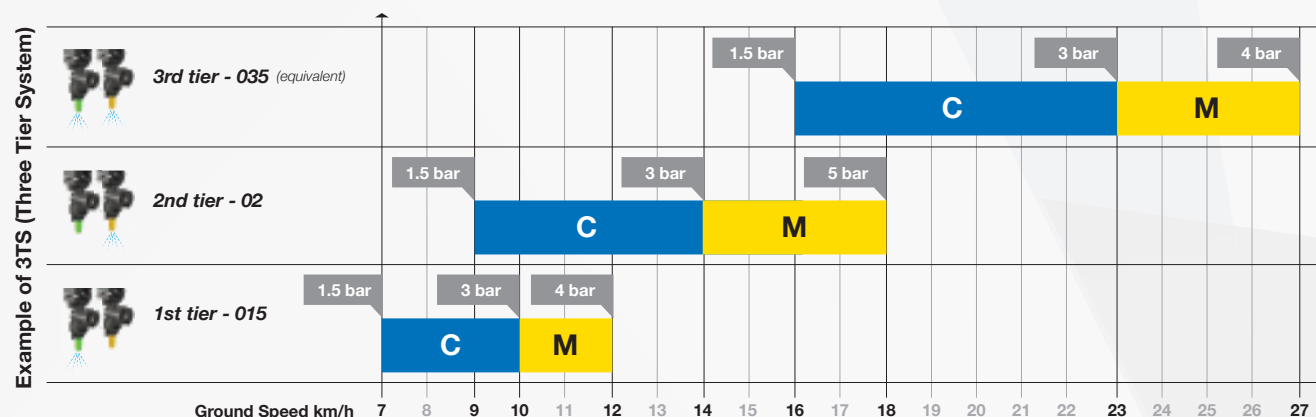
## 3TS

The spray nozzles operating pressure range & size determine the application rate and speed band at which the driver must adhere to. This band is usually quite narrow. Goldacres offer a 3 tier system (3TS) which effectively gives the driver a much wider operating band whilst still maintaining optimum droplet size.

*The 3TS system effectively enables the operator to maintain a specific rate across a much wider speed range while delivering a consistent droplet size within the nozzle pressure range.*

Think of 3TS as a three step gearbox. Each nozzle type has an operating pressure band for a given droplet size. As the first nozzle reaches the top of the pressure band it switches off and the next larger size nozzle switches on. When that nozzle reaches the top of that pressure band the first nozzle will switch on again, effectively giving three operating bands.

The table below shows the pressure variations of two common nozzles, 015 & 02 operating at 70 l/ha through their respective pressure ranges from 7 km/h through to 27 km/h.



Application rate = 70 l / ha • Nozzle type - Lechler IDK 015 & 02 when tier 3 (1 & 2) = 035 equivalent flow rate

Course Droplet Medium Droplet

## 3TS Pro – the ultimate control and flexibility without leaving the cab.

The 3TS Pro is essentially our 3TS system with an added nozzle to give a wider range operating spray rates without manually changing jets.

*If you are constantly changing rates but want to keep your speed consistent, the 3TS Pro is for you.*

For example you may want to apply 70l/ha with your combination of 015 & 02 nozzles to give the overall capacity of an 035 nozzle (as per 3TS chart shown), then increase your rate in certain parts of the crop, other paddocks or even in the application of fertilisers.

In most cases you would need to slow down to increase the rate as you would previously exceed the nozzle pressure range. With the additional nozzle the 3TS Pro will automatically select the best nozzle combinations for your speed and rate while maintaining the working pressure range of the nozzles.





# Chemical handling

**When your sprayer is sitting idle being reloaded with water and chemical it's not making you money. That's why Goldacres offer filling solutions that minimise the reload time to get you back in the paddock sooner.**

Options like fully integrated water and chemical transfer pumps, or fast fill 3" systems. Or maybe a separate batching system to complement your spraying program is of interest?

## 1 SuperFlow Chemical Induction Hopper

The SuperFlow chemical induction hopper is an integrated chemical transfer system that allows liquids, granular and powdered products to be measured and transferred into the main tank. The hopper has 60L capacity with both drum and internal rinsing capabilities. The high flow 2" venturi is mounted at the base of the hopper which draws the chemical into the water stream at that point, minimising the chance of blockages.

## 2 Water transfer pump

When you need to transfer water into the sprayer quickly and conveniently the optional hydraulically driven transfer pump is the answer. The pump is plumbed directly to the EZ control pod and can distribute flow to

not only the main tank but also rinse water tank, main tank flush sprinklers, hopper flush, micromatic coupler and external wash down gun.

## 3 Operator safety and external controls

Today's tough OH&S requirements are there to ensure everyone finishes the day like they started. Safe and well.

At Goldacres we not only take care of our own employees, but we ensure operators of our products are also looked after. Features such as the clearly labelled and colour coded EZ control pod, well laid out connection points and valves at correct working heights, personal protective equipment (PPE) locker, hand washing and empty container rinsing equipment just to name a few. External switches with protective covers allow the operator to increase engine RPM, switch on the transfer pump and control the main sprayer pump, all from ground level.

## 4 Liquid Chemical Transfer Systems

When large quantities of neat chemical need to be transferred into the sprayer from either a 1000L intermediate bulk container (IBC), 110L enviro drum or just a standard 20L drum then the chemical venturi probe or optional micromatic coupler can be used. The micromatic coupler arrangement is a complete closed loop connection system that eliminates the chance of the operator coming into contact with the chemical. The main sprayer pump is used to generate flow through a venturi, which creates a vacuum for the chemical to be drawn in. At no stage does the chemical come into contact with the pump and is therefore virtually a maintenance free system.

If you require a separate system then a 12 volt chemical transfer pump and counter arrangement can be fitted. Both the probe and micromatic coupler can be used.





**Goldacres - Proudly Australian made &**



& owned





# Sprayer loading - Batchmate

## The ultimate in mixing and transferring chemicals is the 800L BatchMate

This standalone batching system allows chemicals to be pre mixed easily, safely and quickly ready for transfer into the sprayer via the optional 3" connection point on the sprayer. The BatchMate features its own high flow engine driven centrifugal pump so there is no need to leave the sprayer engine running whilst filling, substantially reducing engine hours over the duration of the annual spraying program. All the controls are well labelled and laid out to make chemical transfer safe and intuitive. For more details on the BatchMate refer to your Goldacres dealer.

- 1 Venturi chemical induction probe
- 2 Drum buster bag splitter
- 3 23L hand wash tank with soap dispenser
- 4 Drum / jug rinse nozzle with stainless basket
- 5 3" transfer outlet









# Ease of transport

**Whether you are spraying in the field or driving down the road, uninterrupted vision around the sprayer is essential for the safety of you and others.**

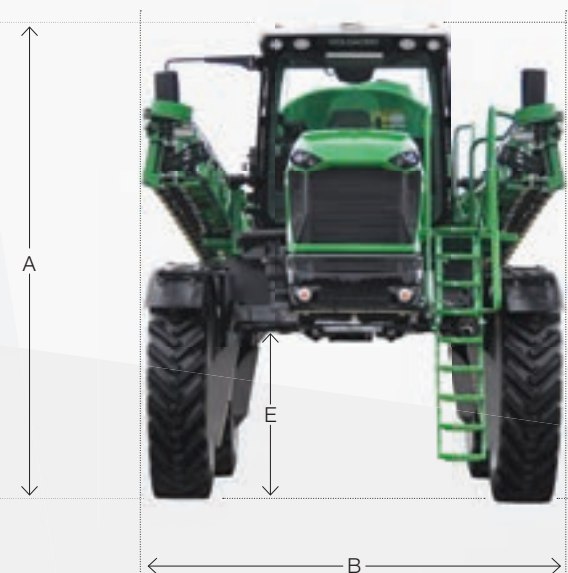
Features like the flat folding boom wings so the operator's line of sight is uninterrupted. Power adjustable side mirrors provide a clear view of the road behind. 360° rotation windscreen wiper blade for maximum cleaning area of the front window.

Hydraulically adjustable LHS boom rest provides the operator with easy access to the cabin in the wide position yet brings the overall transport width down for road transport to under 3.5m\*, eliminating the need for an escort vehicle. Twin circuit, 4 wheel disc brakes

fitted as standard. LED daytime running lamps, turn indicators, high / low beam projector style halogen head lights and twin rotating warning beacons round out the package. The Crop Cruiser really is one for the road.

Dimensions	A (m)	B (m)	C (m)	D (m)	E (m)
30m boom	4.2	3.5	9	4.2	1.4
33m boom	4.2	3.5	9	4.2	1.4

	A (m)	B (m)	C (m)	D (m)	E (m)
36m boom	4.2	3.5	10.5	4.2	1.4
42m boom	4.2	3.5	11.1	4.2	1.4



\*3.5m when 480/80R46 tyres fitted at standard wheel track 2970mm





# G6 standard specifications

Engine	G6
Cummins QSB 6.7L, 6 cylinder, Tier 3 emission. 168kw (225hp), 949N.m (700lb-ft)	Std
Vertically stacked combi cooler package. Fuel, transmission, water jacket, charge air & air conditioning	Std
Hydraulic driven cooling fan	Std
Transmission	
Allison 2500 series automatic. Push button selector, lock up torque converter, 6 forward & 1 reverse	Std
Drive system	
4.4:1 final drive leg with oil bath lubrication	Std
2 wheel drive with LSD	Std
Full time 4 wheel drive system with centre diff lock	Opt
Steering	
2 wheel front steering system with true Ackerman alignment	Std
Trimble platform hydraulic steering kit	Opt
John Deere platform steering kit	Opt
Hydraulics	
100L plastic reservoir with level & temperature gauge (visible from driver's seat) Triple gear pump system. 16, 22 & 32cc/rev capacity. Oil cooler with thermostat 2 x pressure filters, 1 x tank mounted return filter	Std
Electrical system	
12V – 160amp electrical capacity Dual batteries with master isolator	Std

	G6
Fully sealed connectors with colour coded wires used throughout the wiring harness	Std
6 x LED cabin lights	Std
3 x LED service lights	Std
LED light bar for lower bonnet (18 x 10W CREE)	Opt
LED light bar for upper cabin (12 x 10W CREE)	Opt
Braking system	
Air over hydraulic twin circuit boosted system 4 wheel disc Spring operated transmission park brake	Std
Chassis	
Fully welded semi truss rigid mild steel 200 x 100 x 9mm main rails Universal mounting system side plates for easy adapting of accessories	Std
Suspension	
5 link torque rods with rear sway bar. 4 x rolling lobe air springs with ride height levelling. Shock absorbers on all corners, front feature double knuckle for extreme axle articulation	Std
Paint system	
Grit blasted steel work followed by high build primer. All unwelded sections seam sealed. Wet top coat paint system with high temperature baked finish	Std
Wheel Equipment	
16mm pressed centre, 10 studs on 335mm PCD	Std

	G6
480/80R46 X-load	Std
520/85R46	Opt
Axle tracks	
Axle track widths are dependent on tyre width selected	
2970mm fixed wheel track	Std
3048mm (120") fixed wheel track	Opt
Mudguards	
4 x full length axle mounted polyethylene mudguards	Std
4 x leading edge stainless steel crop deflectors	Std
4 x brake mud shields	Std
Cabin	
Business class styled cabin with suspension	Std
Dual tilt and telescopic steering column	Std
Air suspension seat with seat belt. Fully adjustable	Std
Training seat with seat belt	Std
Accessory mounting rail on RHS	Std
Refrigerator module for storage compartment under training seat	Opt
Window tint for all 4 sides	Opt
Carbon filtration with positive cab pressurisation	Std
Bluetooth equipped radio and UHF with high gain antennas	Std

Main cabin access	
Full length LHS access platform with auto folding ladder. Hydraulically adjustable width LHS boom rest for ease of access and convenient road transport	Std
RHS service platform with manual fold up ladder	Opt
Boom	
TriTech series flat folding boom. Mild steel inner wings with aluminium outer wings and breakaway.	Std
Available in the following widths. 30, 33, 36 & 42m. All booms plumbed in 16 sections	Std
RapidFire single line in 500mm spacing	Std
RapidFlow boom recirculation	Std
3 tier system (3TS)	Opt
3 tier system Pro (3TS PRO)	Opt
Trijet nozzle bodies	Opt
Cross fire 3TS (3TS capability with nozzles staggered every 250mm)	Opt
Raven Hawkeye (PWM system with turn compensation)	Opt
Custom nozzle spacing and configurations on request	Opt
Hydraulic wing tilt	Std
Hydraulic bi-fold	Opt
Hydraulic yaw system	Std
Automatic boom height control system	Opt
Remote fence line jets (both sides)	Std

Spray control system	
Raven CR7 display	Opt
ISO BUS control system using Raven RCM (no VT supplied)	Std
Solution tanks	
UV stable Polyethylene heavy walled tank. Supported in a steel cradle	Std
Main tank - 6000L	Std
Rinse tank – 500L side mount	Std
Dry sight tube mounted on LHS	Std
Spray Pump	G6
260 l/min, oil backed 6 diaphragm positive displacement. RPM readout	Std
MP400 Multistage centrifugal	Opt
Suction filter plus twin pressure filters, electric switching between main and rinse tank	Std
Chemical handling and transfer	
Chemical suction probe	Std
	G6
60L induction hopper	Std
Micromatic rinse socket and coupler	Opt
3" integrated water transfer pump	Opt
3" separate front fill	Opt
3" separate side fill	Opt

Service / Maintenance	
Remote grease nipple bank	Std
Auto grease system	Opt
Turning circle	
18m curb to curb 3m axle with 480/80R46 wheels	
Weight	
Weights are approx. and depend on options fitted	
Tare weight	11600kg
Gross weight	17700kg



# Maintenance - Easy does it

**Today's machinery is more reliable than ever before, however regular inspections are still required to ensure maximum performance.**

Goldacres engineers have ensured all maintenance points are easy to access, with the majority of these located within easy reach from the cabin access platform.



Greasing of critical pivot points can be time consuming and difficult to do. Optional remote grease nipple banks speed up the process.


If you want the very best then the optional automatic greaser ensures the right amount of grease is delivered to all critical points at the right time.



The fuel tank can be filled from ground level and also from both sides of the sprayer. Fuel tank capacity is sized for the longest of spray days.



Topping up the oil tank or cooling system couldn't be easier. Both points are conveniently located. The oil tank level can even be seen from the driver's seat.

A man wearing a brown jacket and a blue baseball cap is working on the engine of a green machine. He is using a yellow dipstick to check the oil level. The machine has a green frame and a black engine compartment. The background is a clear blue sky.

*Engine oil, transmission oil, hydraulic oil,  
engine coolant, fuel tank and fuel filters can  
all be accessed from the cabin access platform.  
Making routine checks quick and easy.*



# Parts & service

## When you're down – trust Goldacres to pick you up

Farming can be unpredictable, we understand that spray application is time critical, and that idle time costs more than just money.

Goldacres extensive Australia wide dealer network with trained sprayer technicians are there for when you need them the most.

Trust Goldacres support to get your machine back up and spraying quickly.

## No one knows your sprayer like Goldacres

Goldacres dedicated team of product specialists stand beside the dealer, and right behind the product with the industry's best know how.

All of our sprayers are proudly built right here in Australia, we know exactly what parts go where and how to fit them. Our fully stocked warehouse carries over 20,000 line items ranging from the smallest o-ring to the largest boom wing. Rest assured we have the part you're looking for.











**At the end of the day,  
it comes down to productivity**



Agstrike spray contracting, Rupanyup Victoria





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