

GOLDACRES
Australia's World Class Sprayers



G8 / G10s Series Super Cruiser

Australia's own

Since 1978 Goldacres has been regarded as Australia's most innovative sprayer manufacturer

From its inception nearly 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 take them forward with complete confidence.

Our sprayers are proudly built right here in Australia by a team of dedicated staff, turning ideas into reality and delivering sprayers which are truly

"Australia's world class sprayers"





GOLDACRES

Australia's World Class



 SOUTHERN SPREADERS

 GOLDACRES



Super size your productivity

The all new Super Cruiser range from Goldacres represents a major milestone in terms of self propelled sprayer capacity and performance.

Offered in two variants the Super Cruiser can be configured as either a dedicated 8000L sprayer (G8) or a 10 cubic metre specialised fertiliser spreader (G10S).

Both models feature the best technology and build techniques from almost 20 years of experience building self propelled machinery for the Australian market.

Read on and see for yourself how the new Super Cruiser range can super size your productivity.

A new era in spraying has arrived

When Goldacres designers and engineers set out to develop the G8 Super Cruiser they knew that a simple cut and shut approach would not deliver the desired results.

The Super Cruiser is a clean sheet design, while drawing on proven elements from the successful Crop Cruiser range, yet centred around an 8000L main tank. The final product is uncompromising in terms of strength, performance, weight balance, efficiency, stability, visibility, styling, comfort and functionality.



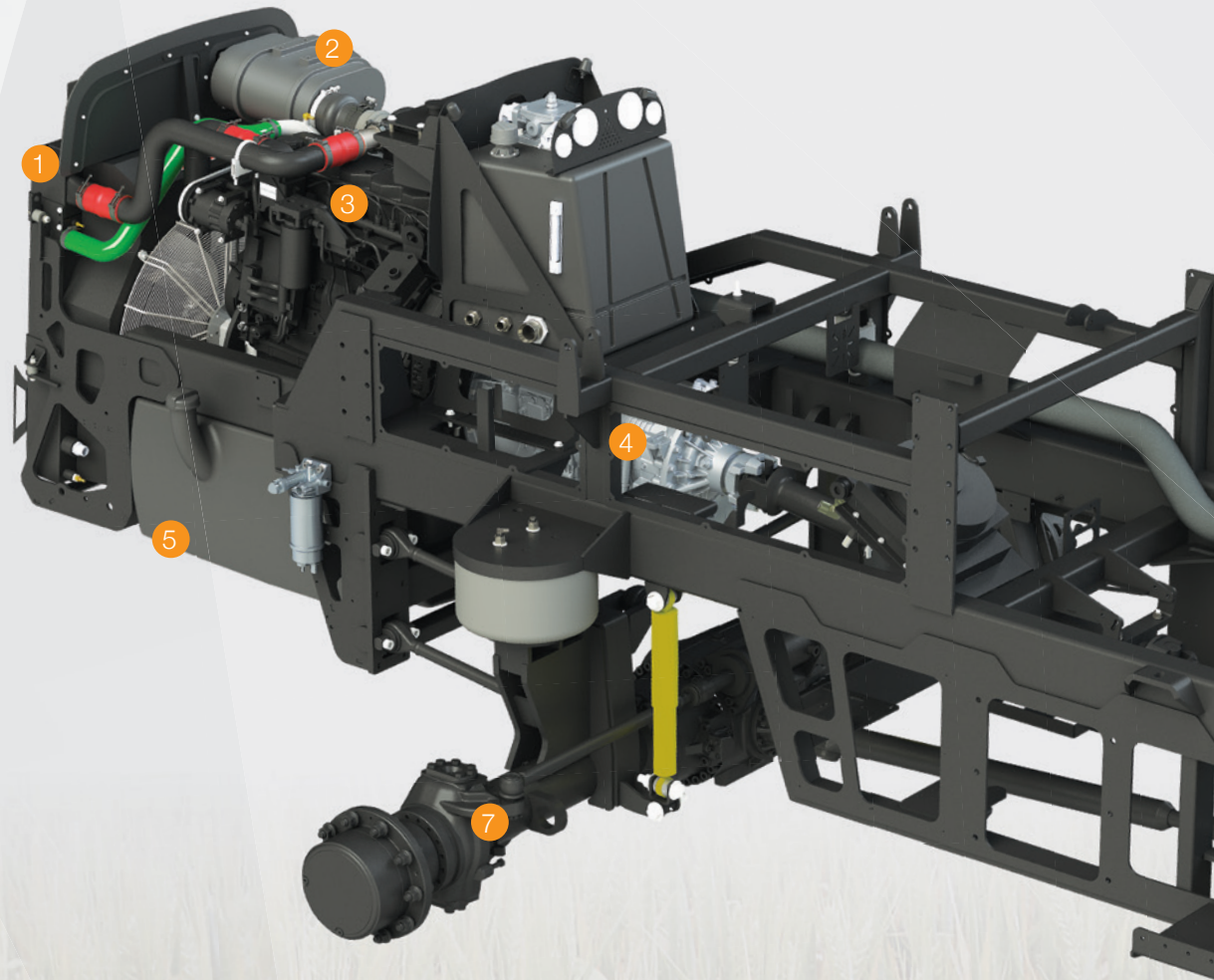


Performance on the ground

The Goldacres Super Cruiser delivers unparalleled driving dynamics for a machine of this size.

The secret to this is the rigid chassis, suspension and mechanical driveline system which provides the machine's foundation. 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 provides a stable smooth ride. All this combined with the full mechanical driveline results in performance on the ground.





Features

- 1 Large vertically stacked cooling system for fuel, transmission, water jacket, charge air and air conditioning. Optimised cooling fan to reduce noise whilst still providing maximum air flow.
- 2 Over the radiator (OTR) air cleaner system with twin stage filtration provides cool clean air to the engine.
- 3 Cummins Tier 3 QSB 6.7L – 6 cylinder engine rated to 194kw (260hp) and 987N.m (728 lb-ft).
- 4 Allison 3000 series 6 speed automatic transmission with electronic push button selector. Double overdrive reduces engine RPM whilst still maintaining 50km/hr transport speed. Lock up torque converter improves performance whilst drastically reducing heat build up and fuel usage.
- 5 300L polyethylene fuel tank with both left and right hand side filling points provides enough fuel for the longest spray days.
- 6 Full-time 4WD system with lockable centre differential provides a 50/50 power split between front and rear axles. An internal ratio step down of 30% reduces drive shaft speed, resulting in longer universal joint life, reduced noise, vibration and harshness (NVH).
- 7 Front axle features extreme rated planet hub reduction design with internal wet multi disc brakes. Fully incorporated suspension mountings and mechanical link between front wheels ensures correct Ackerman angles and alignment.
- 8 Rear axle features extreme rated planet hub reduction design with internal wet multi disc brakes, negative park brake and differential lock. Fully incorporated suspension mountings including the anti-sway bar and tow bar point round out the package.

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 and substantial variations in sprayer design can make all the difference. This is where the Goldacres Super Cruiser mechanical drive line system sets it apart from its hydrostatic drive competitors.

There are numerous benefits with a mechanical drive sprayer, such as:

- Less maintenance costs
- Lower engine rpm
- Less noise
- Lower horsepower required
- Significant fuel reduction
- More torque at the wheels
- Less heat generated
- Longer component life.

These all equate to substantially lower operating costs. Reports back from owners state that the Goldacres Super 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.

It's a fine balancing act

**You know when something looks “just right”
and the Super Cruiser G8 fits that bill.**

The cabin is mounted behind the front axle to give a naturally superior ride due to reduced vertical movement. In addition, the suspended cabin, air seat and five link airbag suspension system give the operator a smooth ride.

The main tank is strategically located between the front and rear axles, in conjunction with the boom, cabin and engine drive line positioning delivers a sprayer with an almost perfect 50/50 weight split. This reduces ground compaction by evenly distributing the weight across all four tyres. The result, perfect balance.



Visibility where it counts

The high mounted, centrally positioned cabin gives the operator a bird's eye view of all corners of the sprayer.

The cabin is mounted high on the chassis, with the bonnet mounted low. This gives an almost completely uninterrupted view from the front window. Visibility through the side and rear windows provides an excellent view of the boom.

The main access platform features longitudinal slots to see

through. Curved glass on all four sides with strategically placed narrow profile four post ROPS frame.

The hydraulic reservoir with level and temperature gauge, back lit spray and boom hydraulic pressure are clearly visible.



320° View





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 complete the spraying program. At times it's like a second office, and mobile communication means your sprayer becomes your place of business. The Super Cruiser cabin makes it all

possible, with features such as 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, peaceful and 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. And simply, the best laid out controls. Read on and find out why the Goldacres Super Cruiser cabin really is "business class".



Standard - Bluetooth equipped radio / cd and UHF radio



Superior ride



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 do their best work.



Two's not a crowd

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

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 distributed around the cabin. There's also 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 Multi-function 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 and boom recirculation just to name a few
- 7 Hinged padded arm rest which reveals a large storage area

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 ran at 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.

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), auto rate or manual, pump speed readout, ground speed, three tier system (see page 33 for more info on 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.

ISO BUS systems

Sprayer cabins can get very 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 that 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 be all monitored by the one display.

Any of these controllers can be fitted to the Goldacres Super Cruiser, plus many more.



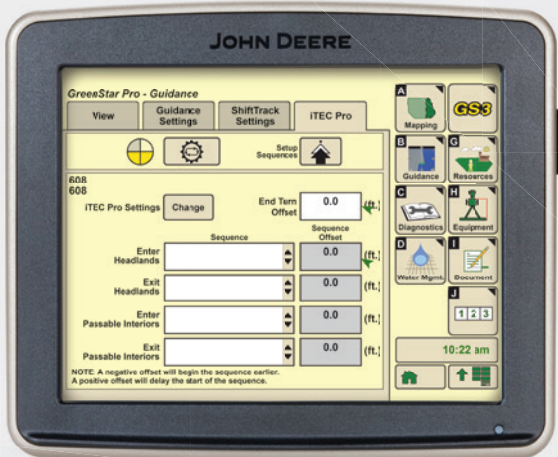
Raven SCS4400™



Raven VT - ISO Bus



Trimble® FmX® 1000 - ISO Bus



John Deere GreenStar™ 3 - ISO Bus



TopCon X30 - ISO Bus



Ag Leader® - ISO Bus





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.

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.









TriTech V Series booms

Strength, Stability, Reliability & Control

The new generation TriTech V Series 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*, 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. Hydraulic outer wing fold with dampened over centre spring break back maintains perfect outer to inner boom alignment, plus with the added safety feature of a break back mechanism.

The strategically placed centre section suspension links help isolate the sprayer chassis movement over rough terrain.

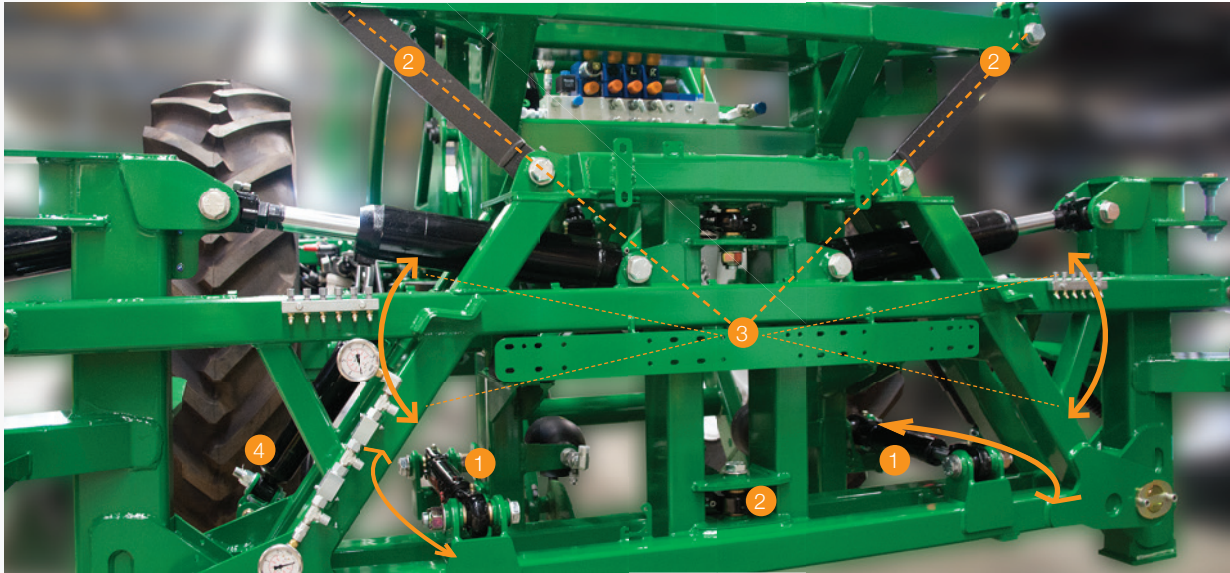
Combined with the tuned damping characteristics allows precise roll control enabling an optimal and consistent nozzle height to be maintained, even without the use of electronic height control systems**.

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

*Kondinin group's Farming Ahead magazine 2012 and 2014

**Height control systems may be required in some extreme situations

Boom essentials - standard



1 Hydraulic yaw

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

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 and yaw.

4 Roll dampeners

Reduces high frequency oscillation of the boom roll.



3D Breakaway

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.

With the boom out the back you're miles in front

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 plant, 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.



Application Technology

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.

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 improved these

practices further by introducing RapidFire, an air controlled nozzle shut off capability system.

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 flow the 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.

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.



RapidFlow – Boom recirculation

When applying chemical the recirculation line becomes one of the delivery lines, helping to provide flow to the nozzles. When in recirculation mode a 3 way valve switches the recirculation line back to tank and the main regulator valve adjusts to provide full boom flow. This results in a full system pressure flushing of the lines back to tank.





CrossFire 250 shown

Application Technology - 3TS

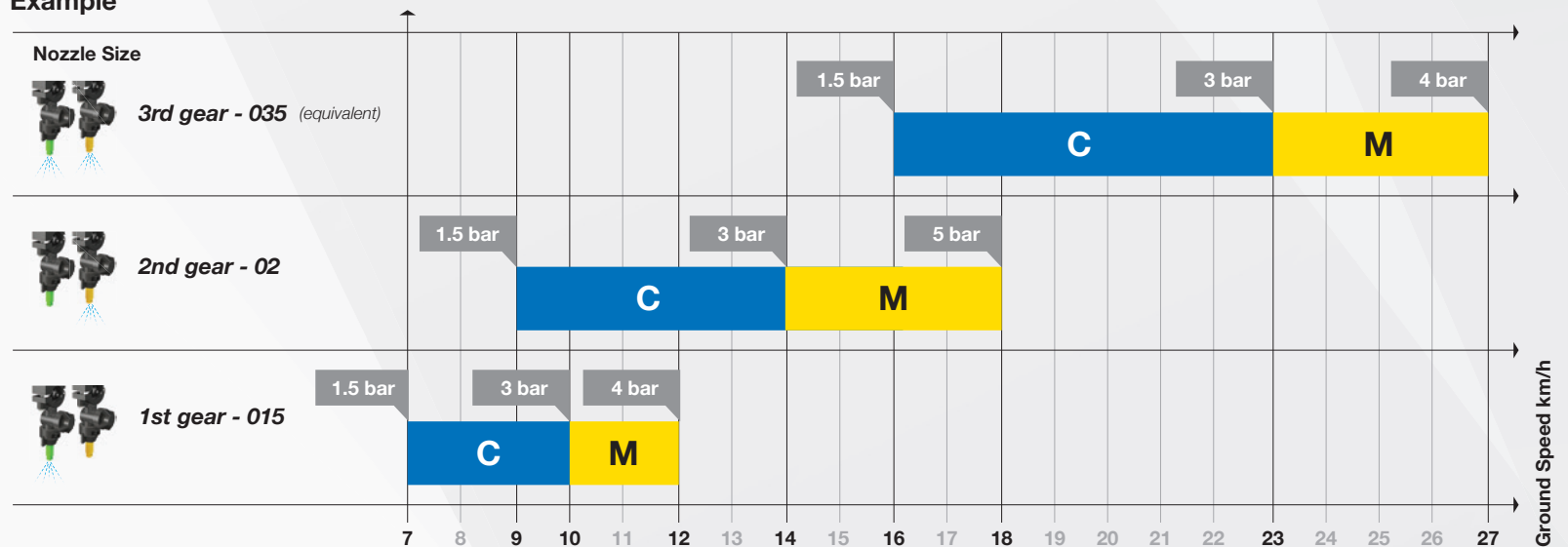
Nozzle technology has advanced in leaps and bounds over the years and a strong emphasis on drift control has influenced many nozzle designs, including air induction (AI) technology.

The spray nozzles operating pressure range and size determine the application rate and speed band at which the driver must adhere to. This band is usually quite narrow. To overcome this Goldacres offer a 3 tier system (3TS) which effectively gives

the driver a much wider operating band whilst still maintaining optimum droplet size. 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.

Example



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

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 have 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?

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.

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.

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.

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 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.



Smooth, stylish & efficient





One for the road



Ease of transport

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

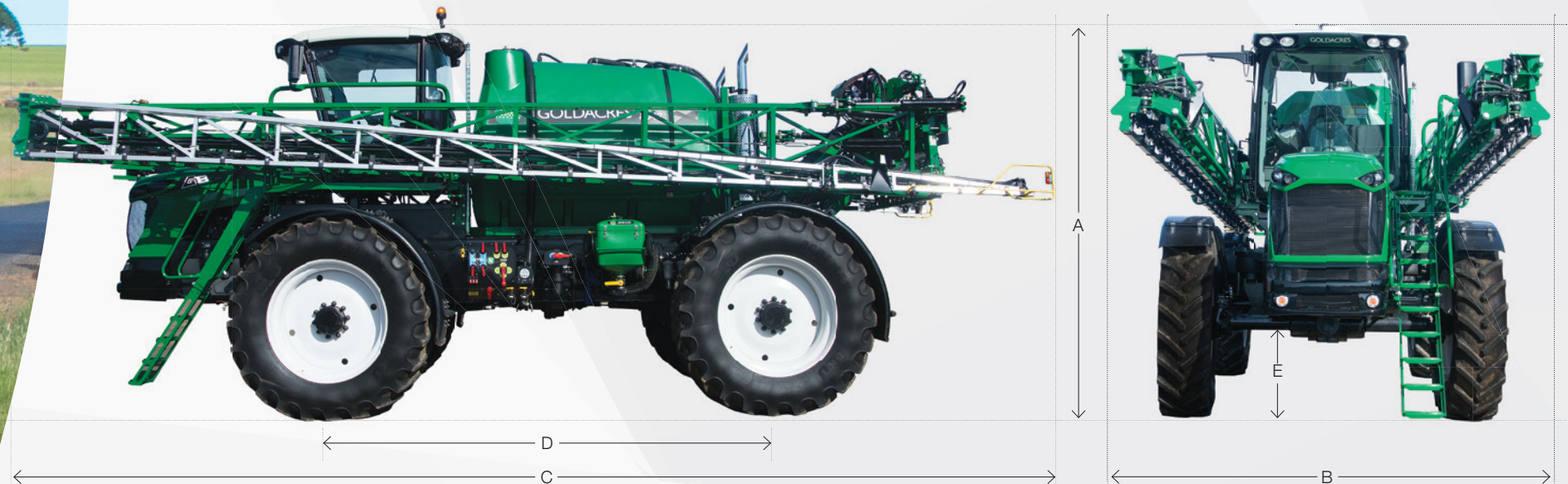
Features like the flat folding boom wings so the operator's line of sight is uninterrupted. Electrically adjustable side mirrors provide a clear view of the road behind. 360° rotation windscreen wiper blade for maximum cleaning area of the front window. Hydraulically

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 3.6m*, eliminating the need for an escort vehicle. Twin circuit, 4 wheel internal multi-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 Super Cruiser really is one for the road.

Dimensions	A (m)	B (m)	C (m)	D (m)	E (m)
36m boom	4.3	3.6	9.85	4.45	.94

	A (m)	B (m)	C (m)	D (m)	E (m)
42m boom	4.3	3.6	10.4	4.45	.94



*3.6m when 520/85R46 tyres fitted at standard wheel track 3000mm

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 (BatchMate sold separately).

- 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





G10s - Fertiliser spreading made easy

When Goldacres designers started work on the all new Super Cruiser range they knew that there was a gap in the market for a dedicated fertiliser spreading machine with a true 3000mm wheel track.

To help pull the project together Goldacres partnered with Australia's leading manufacturer of mounted spreader bodies in the demanding contractor segment, Southern Spreaders.

Spread the word

Looking from the outside making a fertiliser spreader body looks straightforward. It's not until you dig a little deeper that it soon becomes apparent that it most certainly is not. There are many variables, such as product feed out rate, spinner speed, shape and height, drop point within the spinner and bin side angle just to name a few. The team at Southern Spreaders know how to manipulate all the variables to produce a spreader with a wide and consistent spread pattern. So spread the word.

The team at Southern Spreaders bring more than 25 years of experience to the spreading industry, both as contractors and manufacturers. Based in Ballarat

with a team of over 20 staff, comprising of designers, purchasing, sales, service and trades people all sharing a passion for a common goal.

Construction

Specifically designed for the Goldacres Super Cruiser. The Southern Spreader 800 series bin takes into consideration the weight balance on both axles and overall bin height to aid loading and cab visibility. The bin is manufactured using 304 grade stainless steel in varying thickness from 3mm to 12mm with built in structural members. The Goldacres Super Cruiser has a fully welded rigid chassis, which provides an excellent frame to mount the bin. The elimination of flexing will ensure the bin sees many years of trouble free work without cracking. All welded joints are fully pickled and acid washed to reduce corrosion.

The best Europe has to offer



Part of making great products is to use the best components available. The 800 series bin uses industry leading quality hydraulic motors and valves sourced from Europe.



Bin features



One machine for many materials

A key design feature of the Southern Spreaders 800 series bin is the ability to quickly and easily change between products, such as urea to lime. To achieve this the spinner discs do not need to be changed out. The operator simply removes the inverted Vee section which alters the drop point into the spinner. All this in less than 30 seconds.



Chain feed system

A fully enclosed chain feed system greatly improves accuracy and reliability. The chain drive could be compared to a positive displacement pump, where each revolution provides a known volume of material. The chain feed system also has considerably less maintenance points compared to a belt system.

Supplied as either a single chain or double for section control on either side of the spreader, a belt conveyor option is also available.

Low bin height

Key to the design of the 800 series bin was to ensure the bin height is as low as possible, creating a low centre of gravity for maintaining machine stability. This also enables the operator to see inside the bin from the driver's seat. Another benefit of low bin height is easier product loading.



Spread widths patterns

The 800 series spreader is Accu spread accredited

The Australian Fertiliser Services Association (AFSA) Accu-Spread program involves the independent testing and accreditation of fertiliser spreading equipment for accuracy and evenness of spreading. It contributes significantly to quality assurance, productivity improvement, environment sustainability and management of risk. When a machine is Accu-Spread accredited, the operator has independent verification of the capacity of the machine to apply a number of nominated products to an industry standard of accuracy.

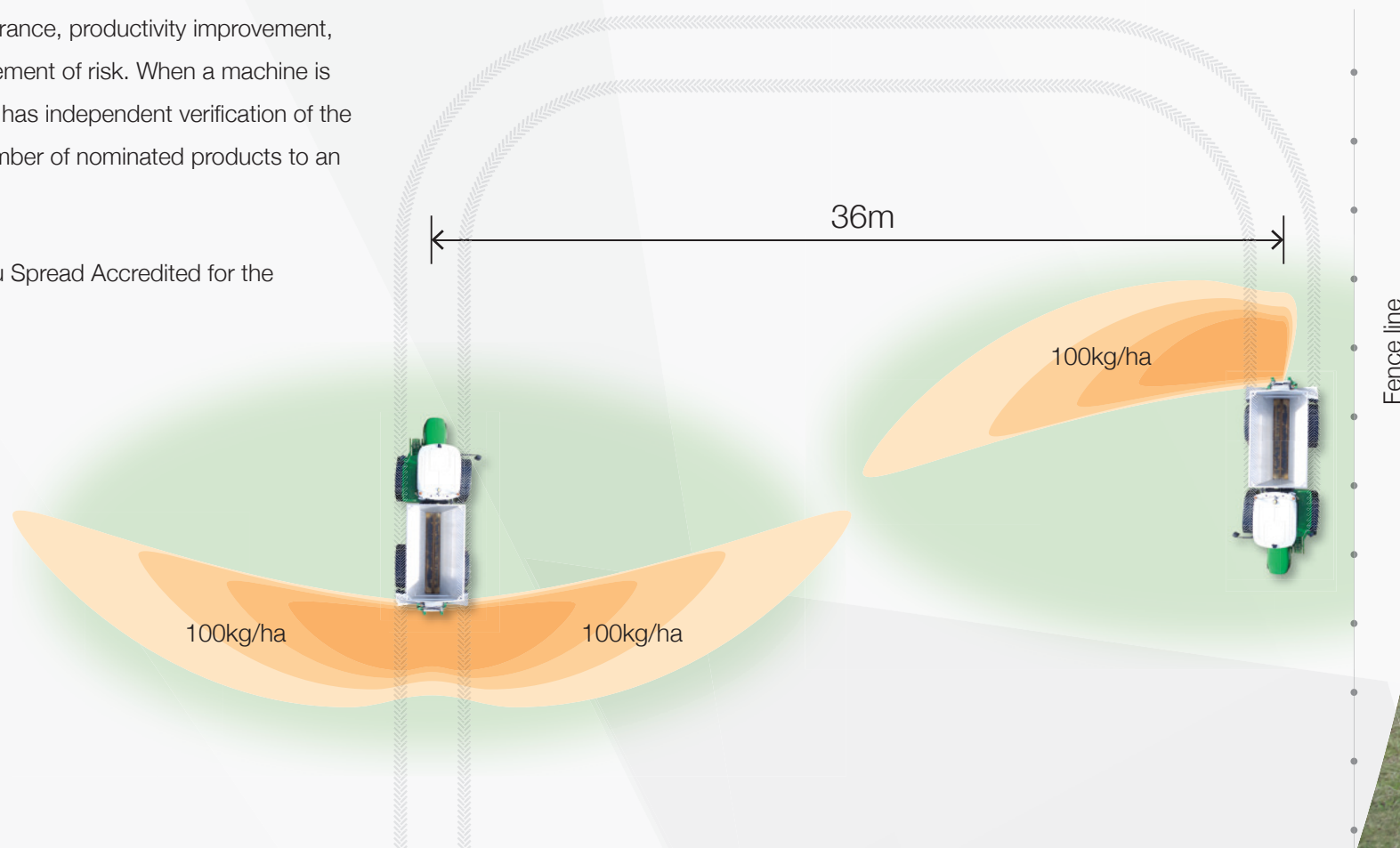
Southern Spreaders are currently Accu Spread Accredited for the following widths.

Product	Width
Urea	36m
Lime	17m
SSP	48m
Manure	12m

Please note: Spread widths are dependant on product quality, weather conditions and ground speed

Section and headland control

Southern Spreaders offer a twin conveyor, twin spinner control machine allowing the operator to minimise fertiliser waste on headlands and boundary.



Bin side wall angle

**Too steep of a bin angle and the product will wedge itself in, causing tunnelling.
Too shallow and the product will not slide down the sides to the chain feed.
The SS800 series features smooth walls set at a 45 degree angle.**



G10s



G10s dimensions

Dimensions	A (m)	B (m)	C (m)	D (m)	E (m)
	4.3	3.6*	9.25	4.45	.94



*3.6m when 520/85R46 tyres fitted at standard wheel track 3000mm

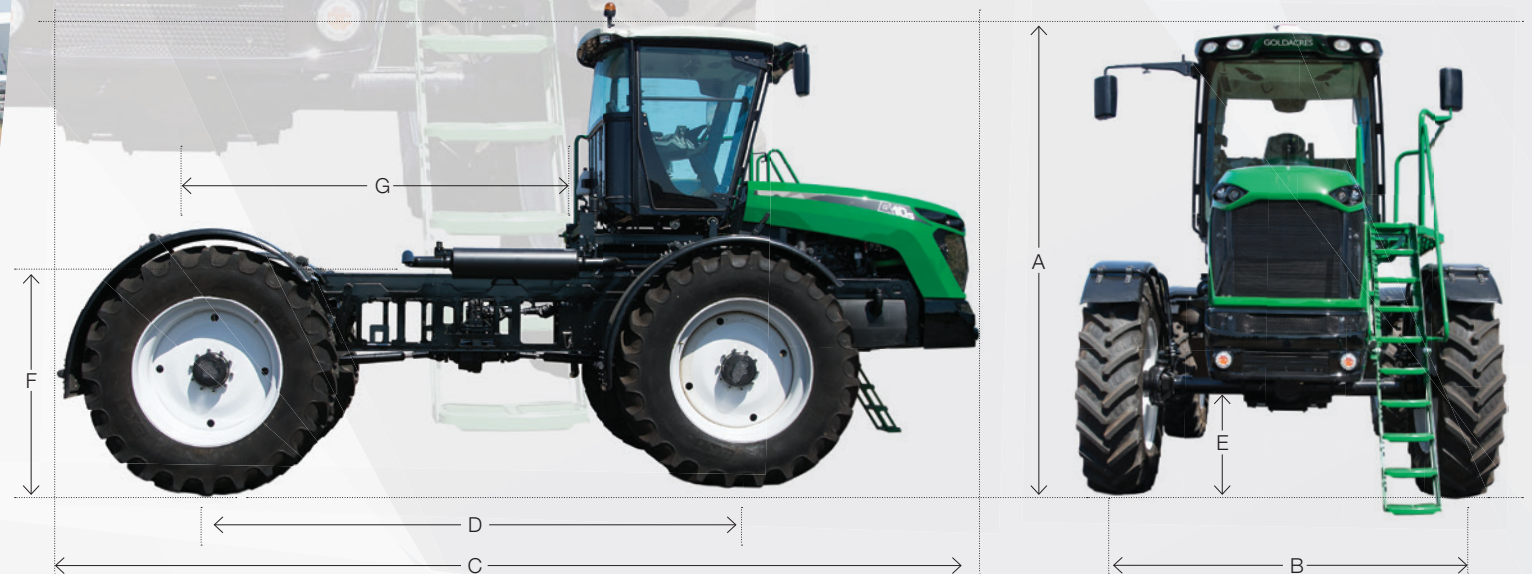
Cab Chassis



Configure your own

The Super Cruiser can also be configured as a basic Cab Chassis, allowing other uses. Hydraulics can be configured to suit individual applications.

Dimensions	A (m)	B (m)	C (m)	D (m)	E (m)	F (m)	G (m)
	4.155	3.0	8.27	4.45	.94	1.885	3.363



Specifications Cab Chassis / G8 / G10s

Engine	G8	G10s	CC
Cummins QSB 6.7L, 6 cylinder, Tier 3 emission. 194kw (260hp), 987N.m (728lb-ft)	Std	Std	Std
Vertically stacked combi cooler package. Fuel, transmission, water jacket, charge air & air conditioning	Std	Std	Std
Hydraulic driven cooling fan	Std	Std	Std
Transmission			
Allison 3000 series automatic. Push button selector, lock up torque converter, 6 forward & 1 reverse	Std	Std	Std
Drive system			
Full-time 4WD	Std	Std	Std
Centre diff lock	Std	Std	Std
Rear diff lock	Std	Std	Std
Steering			
2 wheel front steering system	Std	Std	Std
Steering radius (machine centre point)	11m	11m	11m
Hydraulics			
100L plastic reservoir with level & temperature gauge (visible from driver's seat)	Std	Std	Std
63cc variable displacement hydraulic piston pump	Std	N/A	Std
63cc + 45cc variable displacement hydraulic piston pump	N/A	Std	Option
22cc gear pump (Fan and brake system)	Std	Std	Std
32cc gear pump for spray pump system	Std	N/A	N/A
Tank mounted return filter	Std	Std	Std
Oil Cooler	Std	Std	Std
Electrical			
12V – 160amp electrical capacity	Std	Std	Std
Dual batteries with master isolator	Std	Std	Std
Fully sealed connectors with color coded wires used throughout the wiring harness	Std	Std	Std
4 x HID front mounted & 2 x HID rear mounted roof driving lights	Std	Std	Std

	G8	G10s	CC
3 x LED service lights	Std	N/A	N/A
LED light bar for lower bonnet (18x10W CREE)	Opt	Opt	Opt
LED light bar for upper cabin (12x10W CREE)	Opt	Opt	Opt
Night pro LED boom light system	Opt	N/A	N/A
Braking			
Full hydraulic twin circuit system with accumulator backup	Std	Std	Std
4 x wet brakes inside axle housing	Std	Std	Std
Electric over hydraulic operated park brake on rear axle	Std	Std	Std
Chassis			
Fully welded, wide, semi truss, rigid mild steel	Std	Std	Std
200 x 100 x 9mm main rails	Std	Std	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	Std	Std
Paint			
Grit blasted steel work followed by high build primer. All unwelded sections seam sealed	Std	Std	Std
Wet top coat paint system with high temperature baked finish	Std	Std	Std
Wheels and track width			
520 R46/85 tyres	Std	Std	Std
3m axle track	Std	Std	Std
4 x full length axle mounted polyethylene mudguards	Std	Std	Std
Cabin			
Business class styled cabin with suspension	Std	Std	Std
Dual tilt and telescopic steering column	Std	Std	Std
Air suspension seat with seat belt. Fully adjustable	Std	Std	Std
Training seat with seat belt	Std	Std	Std

	G8	G10s	CC
Heavy duty canvas seat covers for both seats	Opt	Opt	Opt
Accessory mounting rail on RHS	Std	Std	Std
Window tint for all 4 sides	Opt	Opt	Opt
Refrigerator module for storage compartment under training seat	Opt	Opt	Opt
Carbon filtration with positive cab pressurisation	Std	Std	Std
Bluetooth equipped radio and UHF with high gain antennas	Std	Std	Std
Main cabin access			
LHS access platform with auto folding ladder. Hydraulically adjustable width LHS boom rest for ease of access and convenient road transport	Std	Std No boom rest	Std No boom rest
Boom			
TriTech V Series flat folding boom. Mild steel inner wings with aluminium outer wings and breakaway.	Std	N/A	N/A
Available in the following widths. 36 & 42m. All booms plumbed in 7 sections	Std	N/A	N/A
RapidFire single line in 500mm spacing	Std	N/A	N/A
RapidFlow boom recirculation	Std	N/A	N/A
3 tier system (3TS)	Opt	N/A	N/A
Trijet nozzle bodies	Opt	N/A	N/A
Cross fire 3TS (3TS capability with nozzles staggered every 250mm)	Opt	N/A	N/A
Extra boom sections available	Opt	N/A	N/A
Custom nozzle spacing and configurations on request	Opt	N/A	N/A
Hydraulic wing tilt	Std	N/A	N/A
Hydraulic bi-fold	Std	N/A	N/A
Hydraulic yaw system	Std	N/A	N/A
Automatic boom height control system	Opt	N/A	N/A
Remote fence line jets	Opt	N/A	N/A

Spray control system	G8	G10s	CC
Raven SCS4400	Std	N/A	N/A
ISO BUS control system (no VT supplied)	Opt	N/A	N/A
Topcon X25	N/A	Opt	N/A
Solution tanks			
UV stable polyethylene heavy walled tank. Supported in a steel cradle	Std	N/A	N/A
Main tank - 8000L	Std	N/A	N/A
Rinse tank – 500L side mount	Std	N/A	N/A
Dry sight tube mounted on LHS	Std	N/A	N/A
Spray Pump			
300 l/min, oil backed 6 diaphragm positive displacement. RPM readout	Std	N/A	N/A
Suction filter plus twin pressure filters	Std	N/A	N/A
Chemical handling and transfer			
Chemical suction probe	Std	N/A	N/A
60L induction hopper	Std	N/A	N/A
Electric chemical transfer pump	Opt	N/A	N/A
Micromatic rinse socket and coupler	Opt	N/A	N/A
3" integrated water transfer pump	Opt	N/A	N/A
3" separate front fill	Opt	N/A	N/A
3" separate side fill	Opt	N/A	N/A
Service / Maintenance			
Remote grease nipple bank	Opt	N/A	N/A
Auto grease system	Opt	N/A	N/A
Weight			
Weights are approx. and depend on options fitted			
Tare weight (kg)	12,075	11,180	8,945
Gross weight (kg)	19,755	20,000 max	20,000 max



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. 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 cap is leaning over the side of a green machine, checking the engine oil. He is holding a yellow dipstick. The machine has a green frame and a black engine compartment. A blue hose with white text is visible. A label on the black panel reads "GOLDACHES TRADING PTY LTD" and lists fields for "Serial/Vin No", "Engine No", "Date of manufacture", and "Model".

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 our products 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.







Where you go from here is up to you





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