


## From the General Manager,

Starting very modestly around 1980, the first Simplicity Airseeder was made in Dalby, south east Queensland using a simple auger-type metering system. In 1982 David Law (Managing Director) purchased this business and so began his passion for continual product development and innovation. Initial changes started by using the Napier distributors for metering seed and fertiliser and by 1985 he had developed an innovative metering system to meet the diverse needs of Australia's farmers.

Our product strength has come about due to a constant focus on quality, reliability, innovation and in-field support. Today our range of air seeders is unrivalled and includes more than 40 different model types, from 1500 litre mounted machines to a 30,000 litre trailing airseeders with the option of liquid product capability.

Complimenting the range of air seeders, Simplicity manufactures a quality range of ground engaging equipment. The 'Allrounder' is a hydraulic tyne cultivator with 7 models and 4 standard tyne spacings and for remarkable ground following capability the unique 'Striker' product employs a walking beam system. This unit is fitted to Simplicity's own 'X-Bar' giving maximum flexibility to cater for varied requirements.

Simplicity Australia has a comprehensive professional dealer network that covers Australia, Africa and New Zealand's broad acre farming regions. We support them so they can support you. To find your closest dealer, log on to our website at www.simplicityaus.com.au

Our goals are kept simple by the awareness that our customers are constantly seeking the best farming practices and technology for their business. Their viability and profitability relies on efficiently and accurately planting their crop. Understanding that drives us to continually develop our product, our manufacturing processes and our operational methods. Our ambition is to provide you the best planting equipment package in the world!

Regards,


## Troy Law

## General Manager

Simplicity Australia Pty Ltd
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Front Mount Airseeders are attached to each tractor using a model specific tractor mount. Our Simplicity FM series feature a 'Vee’ shaped hopper with two bin lids to increase visibility for the operator.


Front Mount Simplicity Air Seeders are available in either a one bin ( 1500 \& 2000 litre FM1) or a two bin ( 2000 \& 2500 litre FM2). The FM Series are fitted standard with Simplicity's own Proportional Hydraulic Drive system.

Using a single pressure supply line, the seeder's central hydraulic control block uses proportional valves to control the speed of the metering, keeping your rate relative to your ground speed from a supplied GPS receiver (with E15 system). This system allows precise rate control with quite literally the touch of a button.

With the addition of an Apollo Module or a Topcon X25 or X30 controller, any FM Seeder is only a prescription map away from unlocking prescription farming as part of your planting or fertilising program.

While the electronic system controlling the FM Series is second to none in both quality and reliability, a complete dependence on electronic components can be a daunting thing. It is for this reason there is also a manual over-ride function built into the central control block. This means no matter what happens to your controller or wiring you won't be left waiting when all you want to be doing is seeding.

| MODEL | FM 1500 | FM 2000 | FM $\mathbf{2 5 0 0}$ |
| :--- | :--- | :--- | :--- |
| \# BINS | 1 | 1 or 2 | 2 |



## The Pull Mounted series

Simplicity Airseeder has a number of drive options. Our two 'ground drive' options are a Wheel on Wheel drive (Standard) or a Drop Wheel drive system. There is also the option of our Proportional Hydraulic drive or Electric Drive system.


Pull Mounted Simplicity Airseeders are fitted with our robust 4 way metering system and come with heavy duty hydraulic blower motors and E15 Eagle full surveillance monitoring all as standard.

The PM range consists of a single bin (1500 litre PM1) model, a two bin ( 3000 \& 4500 litre PM2) and a three bin (4500 litre PM3) model.

Perfect for undulating or hilly country, the PM Series allows you to put the product weight right where you want it. PM units are built around a three point mounting system and are extremely versatile in their mounting options. Originally designed to mount on the pull of a trailed implement, PM's are simple to mount almost anywhere. We have PM units used as commodity systems for precision planters, mounted on linkage lift assists, and we even use $2 x$ PM1 1500s as saddle mount seeders on tracked tractors.

Footprint and model drawings are available for the full range of Simplicity PM Seeders to help you select the right model for your application.

| MODEL | PM 1500 | PM 3000 | PM 4500 |
| :--- | :--- | :--- | :--- |
| \# BINS | 1 | 2 | 2 or 3 |



All the reliability and benefits of Simplicity's trademark ground drive metering system, packed into a more compact single axle seeder.


The Trailed Rear range offers a smaller range of machines which can perfectly suit a small to mid size farming operation where size gives way to manoeuvrability. Additionally, it's the manoeuvrability of the TR Series that's seen it rise to prominence in row crop farming with linkage equipment. The single axle and single pivot point make the TR range very user friendly in tight headland and raised bed situations. Simplicity's recent addition of the 7000 TR available on 2 metre wheel centres is a sign of the movement in this marketplace towards larger capacity in the row crop market.

The TR Model range comes standard with Simplicity's 'Ground Drive' drive train, E15 Eagle seeder monitor as well as a heavy duty blower.

TR models are available with a 'Load Only' mounted auger for in-field filling. All models can also be optioned to include variable rate controllers with either the option of Linear Actuators or Proportional Hydraulic Drive.

Trailed Rear Simplicity Air Seeders are available in one bin (1500 litre TR1) two bin (3000, 4500, 6000, 7000 litre TR2) and three bin (4500, 6000 \& 7000 litre TR3) models.
$\left.\begin{array}{|c|l|l|l|l|l|l|}\hline \text { MODEL } & \begin{array}{l}\text { TR } \\ 1500\end{array} & \begin{array}{l}\text { TR } \\ \mathbf{3 0 0 0}\end{array} & \begin{array}{l}\text { TR } \\ \mathbf{4 5 0 0}\end{array} & \begin{array}{l}\text { TR } \\ \mathbf{5 0 0 0}\end{array} & \begin{array}{l}\text { TR } \\ \mathbf{6 0 0 0}\end{array} & \text { TR } \\ \mathbf{7 0 0 0}\end{array}\right]$


## Simplicity Tow Between seeders are engineered and built for lasting strength and durability.



Everywhere you look on Simplicity's range of Tow Between seeders it is clear they are built for the long term. Thicker chassis, larger axle plates, heavier axles, oversized gussets, larger stub axles and stronger low profile tyres all ensure your TB Seeder goes up and back as long as you want to.

The entire range features full E15 Eagle surveillance monitoring, heavy duty hydraulic blower and a front mounted hydraulic jack all fitted as factory standard.

The TB range is offered in 7 sizes from 4500 litres up to 20,000 litres. Drawbar options and additional through chassis bracing is available on all models to accommodate the most demanding of tow between applications.

All TB seeders come with two hydraulic circuits plumbed through the Seeder with rear mounted QR couplings. If additional circuits are required up to 4 can be fitted on request.

| MODEL | TB |  |  |  |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 4500 | TB | TB | TB | TB | TB | TB |
| $\mathbf{6 0 0 0}$ | $\mathbf{9 0 0 0}$ | $\mathbf{1 2 0 0 0}$ | $\mathbf{1 5 0 0 0}$ | $\mathbf{1 7 0 0 0}$ | $\mathbf{2 0 0 0 0}$ |  |  |
| \# BINS | 2 or 3 | 2 or 3 | 2 or 3 | 2 or 3 | 3 | 3 | 3 |

## ADVANCED SIMPLICITY

With a range of seed placement requirements now seeming to be almost endless, every Simplicity Airseeder offers the simplest method of incorporating multiple shoots, mixing and blending. Built into every Simplicity Metering Unit is the capability to accurately meter products into separate lines, blend products to specification or even both in the same pass.

METERING UNIT 2 Seed


## DOING IT ALL AT ONCE



## Metering Unit 2

meters 'Seed' into
lines 1,3 and 5

## Metering

The metering unit is the heart of every Simplicity Airseeder.
Each metering unit's vanes are set to meter product down required lines at desired percentages.

The bins are sealed and pressure equalised.
Seed and fertilisers are agitated and fed into the airstream using a series of glass impregnated nylon fluted rollers.

Application rates are varied simply by turning a handle on the infinitely adjustable ZeroMax gear box. (Standard ground drive, non VR models).

The gearbox is driven by the ground wheel which ensures automatic compensation for variations in ground speed. (Other drive options are available in many models including Proportional Hydraulic D rive and Electric Drive.)

Each metering unit is independently adjustable, allowing for completely separate rate control of seed and fertilisers.

Cleaning and emptying is simple and fast, affected by swinging away the sealed bottom door and opening the cleanout door. It is this ability which has opened up a new world of possibilities to Australian farmers in terms of 'one pass' operations.

## Simple "One Pass Application" of Seed, Nitrogen and Phosphorus

This illustration shows the "one pass application" of three different products. Metering Unit 3 places ' $P$ ' fertiliser into three lines. Metering Unit 2 places 'Seed' into the three alternate lines, thus far keeping products separate. Metering Unit 1 then places ' $N$ ' fertiliser in all six lines mixing with both previous products. This allows almost any combination of seed and fertiliser to be placed exactly where it's needed.

## The distribution system is simple and efficient.

Air is dried as it passes through the heat exchanger.
Air flow can be easily adjusted as required.

Seed and fertiliser is positively metered into the air stream from the metering units.


A wide variety of bin and vane positions provide greater sowing versatility and more economical operation.


A seeding kit is used to further split up the product and deliver it to the sowing boots.

Small seeds are accurately metered at low rates using the provided spool covers. High rates or large seeds are also metered without needing to change your metering spools.

## TQC SERIES



When you need greater capacity but don't want to sacrifice manoeuvrability or weigh down your bar, the Simplicity Castoring Quad Seeder is the answer.


The Trailing Castoring Quad seeders are supplied with braked, greasable castors allow for smooth, compact turns in-field. Teflon bushes and neoprene wear pads mean when turning is plentiful maintenance is not.

Simplicity offers a range of pull options to suit castoring Seeders - including A-frame kits with various attachment options or a more economical stiff bar and chains option for low load situations.

With sizes ranging from 3000 litres right up to 9000 litres, large volume doesn't mean large headlands.


Castoring Front


| MODEL | TQC | TQC | TQC | TQC | TQC |
| :---: | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{3 0 0 0}$ | $\mathbf{4 5 0 0}$ | $\mathbf{6 0 0 0}$ | $\mathbf{7 0 0 0}$ | $\mathbf{9 0 0 0}$ |
| \# BINS | 1 | 2 or 3 | 2 or 3 | 2 or 3 | 2 or 3 |



> The Figure Head and most popular of the Simplicity range, trusted for longer, and by more Australian farmers than any other!


Simplicity's robust bin and chassis powered by a mechanical drive and guided by Simplicity's steerable front axle, the Trailing Steerable Quad embodies heavy duty round the clock farming. Besides providing a more stable machine in a road travel situation, positive steering of the front wheels aid both straight line and turning tracking. All these factors result in a machine perfectly suited to GPS and 'Controlled Traffic' applications in flat or undulating country.

The introduction of the "Xtra-Steer" front axle has resulted in an increase in weight carrying capacity and a greatly reduced turning circle. The "Xtra-Steer" axle is standard on all TQS seeders above 12,000 litres and optional on the full range 12,000 litres and below.The TQS Series includes seven sizes ranging from 6,000 litres up to 20,000 litres.

TQS Series market share is ever growing in the variable rate market when optioned with Linear Actuators. Customers are seeing the advantage and longevity of the ground drive drivetrain, coupled with the peace of mind of a manual over-ride function. All of this is carried across a tyre package allocated for each model to reduce compaction and/or to fit in control traffic row spaces.

| MODEL | TQS <br> 6000 | TQS | TQS | TQS <br> 7000 | TQS <br> $\mathbf{1 2 0 0 0}$ | TQS | TQS |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{1 2 0 0 0}$ | $\mathbf{1 5 0 0 0}$ | $\mathbf{1 7 0 0 0}$ | $\mathbf{2 0 0 0 0}$ |  |  |  |  |
| \# BINS | 2 or 3 | 2 or 3 | 2 or 3 | 2 or 3 | 3 | 3 | 3 |



Simplicity Liquid Seeders are a fusion of many of our famous granular features, coupled with a purpose built and perfectly integrated Simplicity Liquid System, using a stainless steel tank, available in both tow-between and steerable quad models.


As Simplicity Airseeders are designed and manufactured in Australia, they are built for Australian conditions to perform under challenges only Australia can offer. This is also true for our liquid system. By using our own purpose built valve set, constructed from quality Arag components, and driven by a Bertollini polypropylene pump as our standard in liquid fertiliser application.

The result of the Simplicity liquid panel being built 'in-house' from the ground up means seamless integration of liquid products into the tried and tested Simplicity granular seeder platform. Building on this platform means that we are working with many of the components which have set Simplicity apart for reliability and durability. These components include our robust ground driven drive-train, precise ZeroMax gearboxes, a tight turning "Xtra-Steer" front axle (TQ Liquid Models), strong folded chassis design, heavy duty blower and class leading electronic control systems.

Our liquid tanks are manufactured from quality duplex stainless steel for unmatched durability and corrosion resilience.

| MODEL | TQSL <br> 10000 | TQSL <br> 13000 | TQSL <br> $\mathbf{1 7 0 0 0}$ | TQSL <br> $\mathbf{2 1 0 0 0}$ |
| :---: | :--- | :--- | :--- | :--- |
| \# BINS | 3 | 3 or 4 | 3 or 4 | 3 |

Simotlatidy
AUSTRALIA



A hydraulically driven Bertollini polypropylene pump drives the liquid system. An important feature of the system is that agitation takes priority during operation. It is the displacement capacity of this pump which allows a huge flow range available to the implement while still maintaining constant agitation pressure.

An integrated, clean water flush tank means the valve set and distribution system can be quickly and easily flushed after use.

Optional dosatron injection systems provide the ability for up to three trace elements to be injected, allowing for customised application of multiple liquids.

All Simplicity Liquid seeders are supplied standard with Simplicity's proven Linear Actuator system and the Topcon X30 controller allowing for full variable rate seeding. If you have your own screen with Virtual Terminal capability the full range of Simplicity Liquid Seeders are available with the Apollo control module to operate on your own compatible screen.

| MODEL | TBL 12000 | TBL 17000 | TBL 21000 |
| :--- | :--- | :--- | :--- |
| \# BINS | 3 | 3 or 4 | 3 |

# STANDARD FEATURES 

Simplicity Australia has an ever growing range of standard features to ensure you get the best equipped Seeder possible.

- Zinc Prime with Powder Coating Finish
- Nonslip Walkways - Lift Up for cleaning
- E15 Monitor
- Safety Stickers
- Large Lids - with strainers
- Agitation in Metering Units
- Universal Hitch Assembly
- Single and Double Shoot Ability
- Vane Blending System
- Rexroth Heavy Duty Hydraulic Blower Motor
- Aluminium Spun Impellor
- Tie Down and Lifting Points
- Variable Drive ZeroMax Gearboxes
- Ground Drive Drive-Train, minimal chains
- Oil Cooler
- Swing Away Bottom Door
- Handrails, with kickboards
- Tyre Options - Duals Available on some models
- Control Traffic Wheel Centres
- Adjustable bin split settings



## Adjustable

 Bin SplitsBin Split percentages are model specific. Shown are 12000 triple bin.


Universal Hitch


Non-Slip Walkways, Handrails, Kickboard


Drive Train


Swing Away Bottom Door


BKT Tyres


## E15 Eagle



Supplied as standard to all Granular only Seeders (Ground Drive, Linear Actuator, Proportional Hydraulic and Electric Drive), the E15 console monitors up to four bins for rate, low bin levels, fan pressure, fan rpm, ground speed, total area and sub areas all on the one home screen - eliminating the need to switch between active screen displays. The E15 console has its own master/clutch switch built into the display - but also has simple options for an external in cab switch input or tillage/work switch inputs.

The E15 can also function as a controller with the addition of Linear Actuators, Proportional Hydraulic Drive or Electric Drive and Simplicity's additional Seeder control units. As a controller, rate changes are effected with simply the touch of a button. Rate increase and decrease are programmable along with two pre-set rate options. Additionally, if not a ground drive unit, the E15 console ensures the rate is kept consistent with your ground speed with GPS input (via a supplied Garmin GPS receiver). The E15 also has additional switches to accommodate lights and other auxiliary powered components.

The E15 Eagle is only compatible for GPS speed - not position.

## Topcon X25



The X25 Console is designed to offer full-featured precision machine control and high-accuracy autosteering for smaller cab environments or the more price conscious producer. It is available with feature packages that provide flexibility for virtually any size operation.

The X25 features the same farmer friendly on-screen navigation menus, drag-and-drop mini-views and user configurable dashboard as its larger sibling, the Topcon X30. It can simultaneously display three separate functions onscreen and is rugged, reliable, and easy-to-use while offering ISO compatible functionality.

For productivity and ease-of-use, the X25 runs Topcon Horizon software which provides precision machine control and highaccuracy autosteering in a compact package. Horizon is a leading precision agriculture software, optimized for maximum functionality while maintaining ease-of-use. Built on the robust Linux Operating System, Horizon software meets the precision farming needs of today as well as into the future.

## Topcon X30



Simplicity is proud to partner with Topcon in the offering of their premier control system the X30. With a bright, high resolution, $12.1^{\prime \prime}$ multi-touch display, still easily readable in bright sunlight and a thin-profile console with an IP67 rating, the X30 is built to withstand the harshest farming conditions including rain and dust.

## Key Features:

- Mini-view windows with drag-and-drop positioning
- Interactive keypads with 'expandable menus'
- Dashboard readouts provide constant, convenient basic data
- Integrated LED light bar for manual guidance
- Full-screen views available for more detailed information
- Advanced setup wizard provides simple icon based set up control

The Topcon X30 has been designed as the premier option for those seeking the ultimate in rate application control. Capable of conducting variable rate for up to 8 products with a host of data management options and job export options the X30 will satisfy the needs of those looking for job to job and year to year tracking to the finest of levels.

GPS options of mapping, data logging and auto steer out to RTK precision options are all available with the X30 system.

## Apollo ISO Module



Simplicity is pleased to offer our most flexible control platform to date - the Apollo module.

Utilising a layout and software designed to maximise the features and functionality of your Simplicity Seeder, the Apollo module allows your Seeder information to be displayed meaningfully on your existing in-cab display. The Apollo module operates in accordance with the ISO 11783 standard - meaning it will function with most late model OEM terminals.

The Apollo module also features task control integration, using your existing OEM mapping and recording software. This means your new seeder can be displayed and controlled on a platform you are already familiar with.

Note: Units supplied with the Apollo System do not come with an in cab display. ISO Bus harnessing is supplied to connect the Seeder to the rear of the tractor, using the existing ISO Bus plug.

## ロ尸TIDNS

Simplicity Australia understands every planting operation runs differently. That's why we offer a huge variety of options to customise your Seeder to meet your exact needs.

## On Board Calibration Kit

A calibration bag with integrated load cells clips under the metering unit, and a dedicated harness set allows you to bring your E15 screen down to the seeder and complete the full calibration from there.

## Small Seeds Box

A Small Seeds Box provides the solution to maximise your overall bin capacity and importantly accurately meter low output rates including Canola.

## Seeding Kits

Simplicity Australia strongly recommends the use of a genuine Simplicity seeding kit. Seeding kits are designed and supplied based on customer requirements. Kits may be supplied with a combination of primary dividers and secondary heads, along with Simplicity's own smooth bore hosing to suit.

## Camera Kit

Simplicity factory fitted camera kits include quality cameras with an integrated harness offering a range of standard mount positions, all shown on a crystal clear 9" touch display.

## Calibration Drive

Assisting you to calibrate efficiently, Simplicity offers an integrated hydraulic drive kit that connects to the ground drive system. Allowing you to simply turn a dial and simulate your planting speed at the metering system for a highly accurate, quick and easy calibration process.

## Linear Actuator Rate Control

This unique method of variable rate allows the ZeroMax gearboxes to be controlled with the addition of Linear Actuators. As the seeder remains 'ground driven' we eliminated the need to compensate for changes or fluctuations in ground speed and also limit the dependence on electrical components. The other major advantage is being able to utilise Simplicity's robust drive train which has been tried and proven for over 30 years. The addition of the Linear Actuator system allows for the ultimate in precise rate control. Having the ability to bypass the system simply means there is no sacrifice in reliability. The linear actuator system is fully compatible with prescription rate control when used with the Apollo module and/or the Topcon X25 or X30.
Siluonolicofry
tenotichery


Manifold Assembly with Optional Diverter Valve

Small Seeds Box


2M Wheel Centres shown on Trailing Quad: Castoring
Youle simplolt - YOUR WAY


Integrated Liquid


Calibration Drive


Xtra Steer



Queensland

Banana
Biloela Bundaberg Chinchilla Dalby Emerald Goondiwindi
Mackay
Roma
St. George
Toowoomba
Toowoomba

Multi Farming Systems Vanderfield Pty Ltd Vanderfield Pty Ltd
Vanderfield Pty Ltd
McIntosh \& Son
Vanderfield Pty Ltd
Black Truck \& Ag
Vanderfield Machinery
Vanderfield Pty Ltd
Vanderfield Pty Ltd
Excel Ag
Vanderfield Pty Ltd

## New South Wales

| Cowra | Cowra Machinery Centre |
| :--- | :--- |
| Dubbo | Hydraulics \& Tractor Service |
| Forbes | Forbes Machinery Centre |
| Griffith | Hutcheon \& Pearce |
| Gunnedah | Goodwin Kenny Sales |
| Inverell | Chesterfield Australia |
| Moama | Michaels of Moama |
| Moree | Black Truck \& Ag |
| Narrabri | WJ Matthews (Holdings) Pty Ltd |
| Spring Ridge | Spring Ridge Engineering |
| Tamworth | Goodwin Kenny Sales |
| Temora | Temora Truck \& Tractor |
| Wagga Wagga | JGW Harvest \& Tillage Support |
| Walgett | Walgett Tyre \& Machinery |
| Warren | Three Rivers Machinery |
| Wyalong | Wyalong Machinery |
| Young | South West Tractors |

Victoria
Cobram Donald Mildura Sunrise Ag Ouyen Swan Hill

Cowra Machinery Centre Hydraulics \& Tractor Service Machinery Centre Goodwin Kenny Sales ichaels of Moama Black Truck \& Ag Spring Ridge Engineering dwin Kenny Sales JGW Harvest \& Tillage Support Walgett Tyre \& Machinery Wyalong Machinery South West Tractors

Albany
Coorow Corrigin
Cunderdin
Dalwallinu
Dowerin
Dumbleyung
Esperance
Geraldton
Katanning
Lake Grace
Merredin
Moora
Mukinbudin
Narrogin
Northam
Ravensthorpe
Three Springs
Wongan Hills

Farmers Centre (1978) Cunninghams Ag Services Hutton \& Northey Sales Baxter's Rural Centre Boekeman Machinery Boekeman Machinery Farmers Centre (1978) Farmers Centre (WA) Purcher International Farmers Centre (1978) Farmers Centre (1978) Hutton \& Northey Sales Cunningham's Ag Moora Hutton \& Northey Sales Farmer Centre Boekeman Machinery Farmers Centre (WA) Cunninghams Ag Services Boekeman Machinery

Somerset Gaffney Machinery

## International

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Disclaimer: Specifications are subject to change without prior notice. Options and features shown may or may not be standard on some models



[^0]:    New Zealand
    New Zealand Tractors Ltd
    Africa
    Austarm Machinery

