



# Row Crop

## Optimising Your Farming Future

Excel Agriculture builds innovative, reliable row crop machinery that helps Australian farmers improve efficiency and maximise yields. Precision engineering delivers dependable performance season after season.

## Our Row Crop Equipment

- ➔ Inter-Row Cultivator
- ➔ Cultipackers
- ➔ Fertiliser Rig
- ➔ Guess Row Averager
- ➔ Rollers - Steel, Rubber Tyre





# Row Crop

## Inter-Row Cultivator

### Key Features

#### Simple, Adjustable Design

Straightforward layout combining easily adjusted tooling options with in-line shear clamp assemblies for quick setup and reliable operation.

#### Clean Sweep Performance

Clean sweep assembly delivers effective weed control with minimal soil disturbance and reduced moisture loss.

#### Versatile Configurations

A parallelogram design to suit inter-row cultivation across irrigation and dryland farming systems.



Cultivator Row Unit

### Maximum Trash Clearance

High under-frame clearance promotes efficient trash flow and reduces blockages in heavy residue conditions.

### Low Maintenance Requirements

Minimal greasing points and reduced wear areas help keep maintenance simple and downtime to a minimum.

### Optional Equipment

#### Crop Shield Protection

Crop shields help minimise plant damage and support faster, more efficient cultivation.

#### Wide Tooling Range

A selection of tooling options including disc weeders, hill-busting shanks, swept-back crescent knives and granular/liquid/gas fertiliser tubes.

#### Rear Stabiliser Disc Assembly

Improves stability and tracking in variable field conditions.

### Specifications

Frame Type	Rigid, Folding, or Stack Fold
Working Widths	6m, 8m, 9m, 12m
Cultivator Styles	Parallelogram
Tooling Mount	In-line shear clamp assemblies
Applications	Irrigation and dryland



# Row Crop

## Cultipacker

### Key Features

#### Rugged Ring Design

Strong rollers break down soil clods and compress the surface to create a consistent planting finish.

#### Heavy-Duty Alloy Steel Rings

14" alloy steel rings manufactured from 8630 material and heat treated to a minimum hardness of HB400 for long service life in demanding conditions.

#### Heavy-Duty Bearing System

Fitted with 80mm sealed self-aligning bearings throughout, and cultipacker rings running on 9mm wall bore casings for strength and reliability.

#### Trailer Gang

Small mounted gang sections ensuring full coverage in centre and wing folds.

Specifications	
Frame Type	Rigid or Folding
Working Widths	6m, 8m, 9m, 12m
Ring Diameter	14"
Ring Material	8630 alloy steel
Linkage	Dual 3-point linkage
Bearing Size	80mm

### Benefits

#### Effective Clod Breakdown

Accelerates the breakdown of large clods, promoting soil flow and improved trash incorporation.

#### Dual-Direction Operation

Three-point linkage on both sides allows the machine to be pulled in one direction for aggressive clod busting, or reversed for soil refinement before planting or rolling after planting.

#### Excellent Ground Following

Designed to follow soil contours in bed and hill configurations for consistent results across uneven paddocks.

#### Chemical Incorporation Capability

Suitable for chemical incorporation applications, improving distribution and effectiveness.

### Optional Equipment

#### Folding Frame

Folding configuration available for improved transport and ease of handling.

#### Rear Furrower Bar

Rear-mounted furrowers available to suit different operating requirements.



# Row Crop

## Guess Row Averager

### Key Features

#### Precision Furrow Management

Pivoting rear toolbar manages furrow spacing accurately to support consistent row alignment and uniform planting.

#### Clean Sweep Assemblies

Clean sweep assemblies deliver effective soil movement while maintaining consistent furrow formation.

#### Adjustable Depth Shank Assemblies

Depth-adjustable shanks allow fine tuning to suit varying soil conditions and operating requirements.

#### Versatility

A three bar layout allows configuration for side or centre hill busting.

#### Rear Stabiliser Discs

Rear stabiliser discs improve tracking and stability, particularly in uneven or variable field conditions.

#### GPS Guidance Integration

Fitted with a GPS tower to support active implement guidance and maintain alignment with constructed rows.

### Options

#### Folding Option

Folding frame option available for improved transport and handling.

#### Fertiliser Application

Option with a granular, liquid or gas distribution kit and tooling for incorporation in one pass.

### Benefits & Applications

#### Guess Row Averaging

Maintains consistent row spacing to reduce guess rows and improve planting accuracy.

#### Furrowing Up

Supports reliable furrow construction for consistent row definition.

#### Fertiliser Application & Incorporation

Suitable for fertiliser placement and incorporation during field operations.

#### Hill Busting

Effective for breaking down constructed hills while maintaining guidance accuracy.

#### GPS Row Retention

Helps retain GPS-constructed hills and row alignment across multiple passes.

Specifications	
Frame Type	Rigid or Folding
Working Widths	6m, 8m, 9m, 12m
Toolbar Type	Pivoting rear toolbar
Linkage	Cat 3 & Cat 4



# Row Crop

## Fertiliser Rig

### Key Features

#### High-Capacity Fertiliser Boxes

Up to 3.6 tonne fertiliser boxes fitted with polyurethane metering rollers and stainless steel metering units for extended service life and consistent product flow.

#### Simple Clean-Out System

Trap door clean-out allows fast and easy emptying. Fertiliser boxes are finished in durable 2-pak paint for added corrosion resistance.

#### Hydraulic Drive System

Proportional hydraulics for smooth, controlled metering and variable rate capability.

#### Row Configuration Options

Available in **8-row** and **12-row** configurations to suit different farming requirements.

#### Operator Access

Machines are fitted with walkways and rails for safe, easy access when filling fertiliser boxes.

#### High Under-Bar Clearance

Generous under-bar height improves residue handling and reduces blockages in heavy stubble conditions.

#### Low Draft Fertiliser Shanks

Fixed-height or adjustable, fertiliser shanks minimise soil disturbance while maintaining consistent placement.

#### Adjustable Furrower Shanks

Depth-adjustable furrower shank assemblies allow fine tuning to suit soil conditions and application depth.

#### Easy Integration

Compatible with a wide range of tractors and equipment for simple integration into existing farming systems.

#### Low Maintenance Design

Engineered for long-term reliability with minimal servicing and reduced downtime.

### Optional Equipment

#### Rear Stabiliser Discs

Improve stability and tracking during operation.

#### Clean Sweep Assemblies

Support effective soil movement and residue management.

#### Anhydrous Ammonia Equipment

Optional anhydrous ammonia equipment available to suit specific fertiliser application requirements.

#### Controller

SmartAG Systems ISOBUS or 7500 control system.

Specifications	
Frame Type	Rigid
Working Widths	8m, 12m
Box Capacity	1.2t & 1.5t (4 Row Box Assy)
Drive System	Hydraulic



**Steel Roller**

# Roller

Steel or Rubber Tyre

## Key Features

### Heavy-Duty Drum Construction

Steel drum rollers available as liquid-filled or rubber-tyred configurations.

### Robust Frame Design

Built with 200x200mm RHS main frame for maximum strength and durability.

### Durable Tyres

Rubber tyre rollers are fitted with new nylon bias bobcat tyres to deliver smooth and lasting operation.

### Three Point Linkage Mounting

Fitted with Category 3 & Category 4 linkage pins for compatibility with a wide range of tractors.

### Low Maintenance

Engineered for efficiency with minimal upkeep.

# Row Crop

## Optional Equipment

### Folding System

Hydraulic fold for fast, safe, and efficient operation and transporting.

### Rear Furrowers

Rear mounted furrowing toolbar suiting both shear-bolt or spring tyne assemblies.

## Specifications

Frame Type	Rigid or Folding
Working Widths	6m, 8m, 9m, 12m
Roller Configuration	Steel Drum or Rubber Tyre
Main Frame	200 x 200mm RHS
Linkage	Cat 3 & Cat 4
Folding System	Hydraulic
Rear Furrowers	Shear-bolt or spring tyne



**Rubber Tyre Roller**



# More Precision. Less Downtime. Real Results.



**Excel Agriculture**  
Smarter Tech. Smarter Farming

Excel Agriculture machinery blends proven durability with easy to use features like wireless calibration, ISOBUS-ready controls, blockage monitoring, and load cell tech.

Phone: 1800 439 235 (1800 4 EXCEL)

Web: [excelagriculture.com.au](http://excelagriculture.com.au)

Email: [info@excelagriculture.com.au](mailto:info@excelagriculture.com.au)

Excel Agriculture reserves the right to change the above specifications without notice. This brochure is for descriptive purpose only. Some of the items pictured in this brochure are optional and not standard equipment.