



BUILT TO OUTLAST & OUTPERFORM

THE GESSNER PATRIOT PLANTER

Built Tough for Australian Cropping Conditions

A heavy-duty parallelogram tyne planter engineered to deliver adaptability, consistent depth control and dependable operation across Australia's diverse grain-growing regions.

Available in working widths
from 12 to 36 metres.



BUILT FOR DIVERSE FARMING CONDITIONS



One Platform. Endless Possibilities.

The Gessner Patriot is engineered to deliver reliable planting performance across diverse soils, terrain and operating conditions.

With working widths from **12 to 36 metres**, flexible frame configurations, multiple row spacings and independently operating parallelogram units, the Patriot adapts to the needs of your farming operation.

BUILT AROUND YOUR OPERATION

No two farms are the same. That's why the Patriot offers flexible frame layouts, planting configurations and toolbar options—giving you the freedom to build the machine that best suits your crops, conditions and operation.



THE PATRIOT ADVANTAGE

- 12–36 m Working Widths
- Single & Double-Fold Configurations
- Flexible Row Spacing Options
- Heavy-Duty Floating Hitch Frame
- Independent Parallelogram Units
- Hydraulic Breakout Protection
- Precision Depth Control
- Seed & Liquid Delivery Options
- Premium Heavy-Duty Components

WHY GROWERS CHOOSE PATRIOT

Versatile
Performance Across
Every Field

Heavy-duty
fabricated construction

Flexible row
configurations

Precision planting
performance

A FRAME BUILT FOR SERIOUS BROADACRE WORK

Strength. Stability.

Performance Across Every Acre.



STRENGTH AT THE CORE

The Patriot's floating hitch frame is built on **three heavy-duty 100 x 100 x 9 mm toolbars**, providing a strong foundation for the parallelogram planting units across the full working width.

Multiple toolbar positions allow the planter to be configured for a wide range of cropping systems and row spacings.

FLOATING FRAME DESIGN

The floating frame allows planter sections to follow paddock contours, while independently operating parallelogram units provide consistent ground engagement at every row.

Together, they help maintain accurate planting performance across uneven terrain.

WHEEL SUPPORT

A practical wheel system provides stability during field work, folding and transport.

- ✓ Large flotation tyres
- ✓ Front caster wheels
- ✓ Rear fixed wheels

DESIGNED FOR PRACTICAL OPERATION

The Patriot combines a heavy-duty frame, sectional movement and independent row units into one integrated planting platform.

Built to cover more ground while adapting to changing field conditions.

AVAILABLE ROW SPACINGS



250 mm



375 mm



300 mm



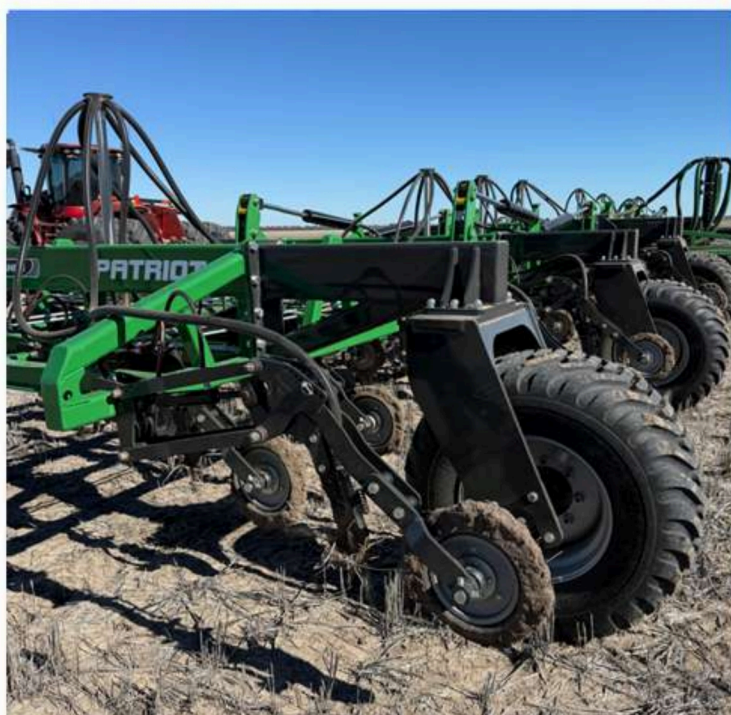
400 mm



333 mm



500 mm



A CONFIGURATION FOR EVERY OPERATION

Choose the Patriot That Fits Your Farm



PATRIOT PARALLELOGRAM PLANTER

PATRIOT SPECIFICATIONS – STANDARD MACHINES

		12M	18M	24M
Weight		250mm – 14700 kg	250mm – 21000 kg (estimate)	300mm - 25500 kg
		300mm – 13950 kg	300mm – 20000 kg (estimate)	
Working Widths		12m	18m	24m
Number of Shanks		250mm – 48 Units	250mm – 72 Units	250mm – 96 units
		300mm – 40 Units	300mm – 60 Units	300mm – 80 units
Frame Section Widths		Centre Frame – 4260mm	Centre Frame – 4670mm	Centre Frame – 6000mm
		Wing Frame – 4140mm	Inner Wing Frame – 42700mm	Inner Wing Frame – 4750mm
			Outer Wing Frame – 28000mm	Outer Wing Frame – 4280mm
Transport Position (Folded)	Width	250mm – 5490mm	5999mm	7490mm
	Height	300mm – 5350mm	5500mm	5870mm
	Length	10585mm	12660mm	13770mm
Tyres	Main Frame	500/60-22.5 Flotation	550/60-22.5 Flotation	550/60-22.5 Flotation
	Wing Frame	500/60-22.5 Flotation	500/60-22.5 Flotation	500/60-22.5 Flotation
Opener	Trip Out Force	137 kg (302 lb) @ 500 psi to 328kg (724 lb) @ 1200 psi		
	Packing Force	45 kg (99 lb) @ 500 psi to 108 kg (239 lb) @ 1200 psi		
	Packer Wheel	Ø390mm x 120mm wide – Round Sem Pneumatic		
		Ø390mm x 140mm wide – Round Sem Pneumatic		
		Ø420mm x 120mm wide – 'V' Sem Pneumatic		
Ø410mm x 120mm wide – Wedge Sem Pneumatic				
		Ø390mm x 120mm wide – Round Semi Solid		
Opener to Ground Transport Clearance		500mm		
Under Frame Clearance		900mm		
Frame Depth		2300mm centre to centre		
Toolbar Spacing		1150mm centre to centre		
Number of Toolbars		3 Rows		
Shank to Shank Spacing		750mm on 250mm spacing		
		900mm on 300mm spacing		
Hitch Clevis		CAT 4 Standard		
		CAT 5 Optional		

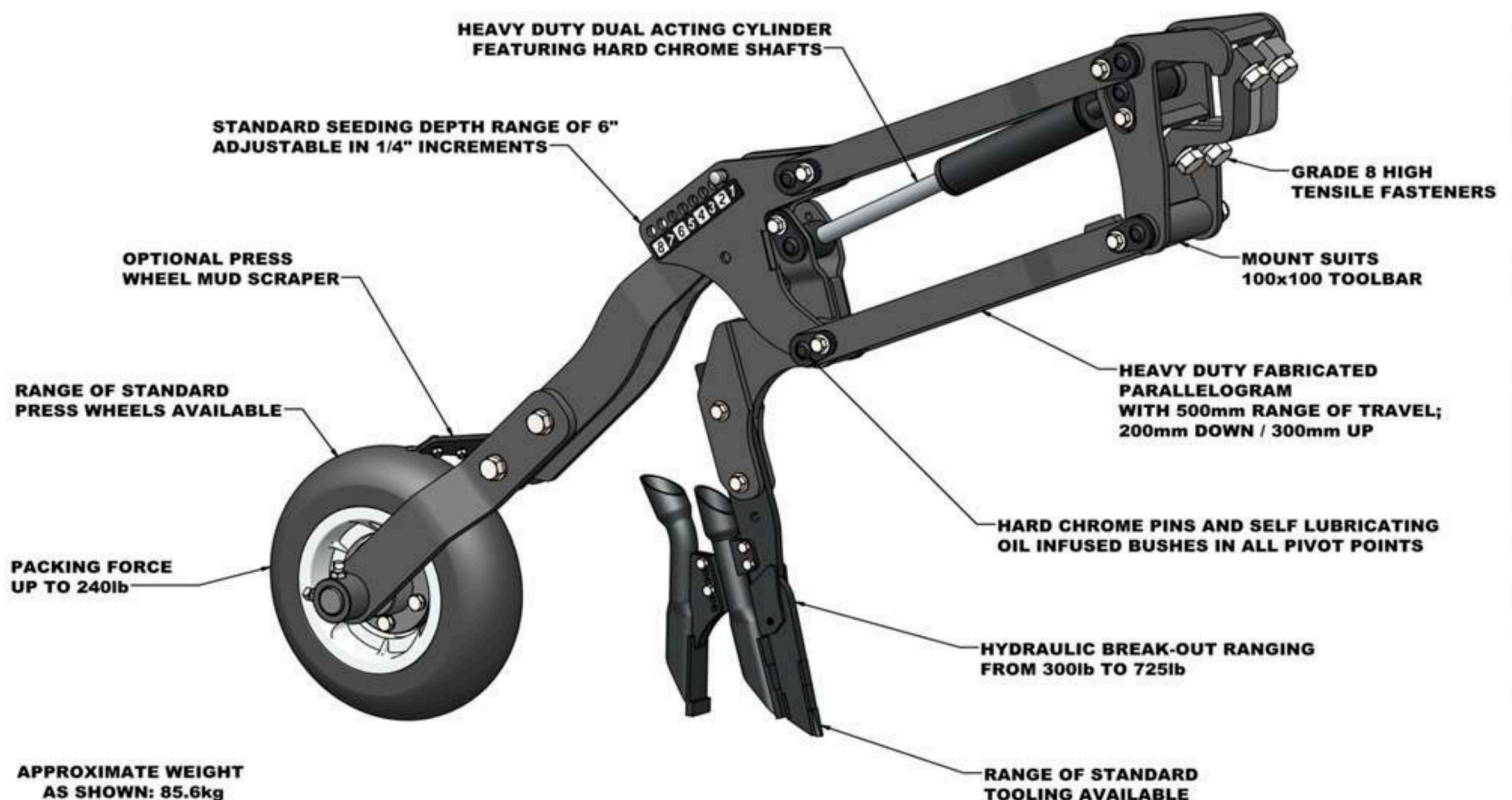
NOTE: Gessner has the design capability to offer planters in non-standard working widths and tyre unit spacings to suit your requirements.



THE PATRIOT PARALLELOGRAM UNIT

Independent Movement. Controlled Planting.

GESSNER PATRIOT PLANTER UNIT



HYDRAULIC CONTROL FOR CHANGING CONDITIONS



ADJUSTABLE BREAKOUT PRESSURE

Hydraulic breakout pressure is adjustable from **300–700 lb**, allowing row-unit loading to be matched to field conditions and planting requirements.

OPTIMISE FOR:

- Soil conditions
- Field surface
- Ground engagement
- Shank & outlet configuration
- Planting depth

RESPONSIVE PROTECTION

When resistance is encountered, the hydraulic system allows the row unit to move rather than remain rigid, helping protect components and maintain consistent operation across changing ground conditions.

HEAVY-DUTY HYDRAULIC SYSTEM

Each row unit is equipped with a **dual-acting hydraulic cylinder** featuring a **hard-chrome shaft** for reliable performance and long service life.

BUILT FOR CHANGING CONDITIONS

Hydraulic adjustment allows quick setup for different paddocks and planting conditions without fixed mechanical settings.



KEY FEATURES

- ✓ Adjustable breakout pressure: **300–700 lb**
- ✓ Heavy-duty dual-acting hydraulic cylinder
- ✓ Hard-chrome cylinder shaft
- ✓ Independent parallelogram row units

PRECISION WHERE IT MATTERS



CONTROLLED SEEDING DEPTH

Set planting depth up to **150 mm**, adjustable in precise **6 mm** increments for consistent and repeatable placement.

VERSATILE PRECISION SHANK

Configure each row unit to suit different crops, seedling systems and input-placement requirements.

300 mm TRANSPORT CLEARANCE

The parallelogram units lift clear of the ground for safer and easier transport.



PLANTING-UNIT SPECIFICATIONS

FEATURE	SPECIFICATION
Seeding depth	Up to 150 mm
Depth adjustment	6 mm increments
Press-wheel pressure	Up to 200 lb
Transport clearance	300 mm
Unit weight	Approx. 80 kg
Fasteners	Grade 8 high tensile
Pivot components	Hard-chrome pins and oil-infused bushes



A Serious Planter for Serious Cropping

The Gessner Patriot brings together a heavy-duty floating frame, independently operating parallelogram units and flexible configuration options in one robust broadacre planting platform.

Built for strength, controlled movement and dependable field performance.

WHY PATRIOT?

VERSATILE

Multiple working widths, row spacing options, folding arrangements and outlet options to suit different farming operations.

HEAVY-DUTY

Substantial toolbars, fabricated row units, high-tensile fasteners and hard-wearing pivot components.

PRECISION ADJUSTABLE

Hydraulic breakout control, stepped depth adjustment and multiple seed and liquid placement options.

PATRIOT AT A GLANCE

12, 18, 24 and 36 m working widths

Single-fold and double-fold configurations

Six row-spacing options

500 mm parallelogram travel

300–700 lb hydraulic breakout

Planting depth up to 150 mm

Press-wheel pressure up to 200 lb

Multiple seed and liquid outlets

BUILT AROUND YOUR OPERATION

Speak with the Gessner team about configuring a Patriot to suit your farm, row spacing and planting program.



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