



AGROWPLOW RANGE

AGROWPLOW[®]
Prosperity through Soil Care.

AGROWPLOW

SERIES OVERVIEW

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DISCLAIMER

The information presented in this booklet is correct at the time of printing. Specifications may change without notice.

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SOIL CARE BEGINS WITH AGROWPLOW

At Agrowplow our design methodology is based on a single guiding principle: prosperity through soil care. We believe that by looking after the ground under our feet, we ensure the success and productivity of our farmers long into the future.

The Agrowplow range of deep rippers embodies our commitment to soil care by offering a robust and reliable platform for reducing subsoil compaction. This compaction - which was estimated to affect between 14 and 18 million hectares of agricultural land* - can have dramatic impacts on soil health and productivity.

Compaction occurs when soil is exposed to heavy farm machinery and stresses from longer dry periods. This results in poor soil structure, which causes water-logging, prevents healthy root growth, subsoil acidity, and soil sodicity. With this poor structure comes a reduction in soil micro-organisms and increased risk of topsoil erosion. These conditions not only limit plant growth and yields but also pose long-term challenges to farm productivity.

DEEP HARDPAN SHATTERING

Agrowplow deep rippers are specifically designed to reduce compaction while maintaining a healthy soil structure. Our ploughs feature narrow shanks that work up to 600mm deep to shatter compacted hardpan while minimising soil inversion. This uplifting and shattering action allows soil particles to become aerated without violent separation while allowing greater moisture infiltration into the seedbed.

The narrow shanks reduce overall draft requirements, meaning ripping operations are less taxing in time and fuel costs. They also allow for a greater variety of shank spacings, which, when paired with our range of shank options, ensures your Agrowplow deep ripper can be customised to suit the specific conditions on your farm.

With sturdy frames, high shank breakouts, and a huge range of spare parts available online, Agrowplow deep rippers have the strength and durability to withstand the toughest farm conditions.

INNOVATIVE NUMBER 9 SHANK

The Agrowplow No. 9 shank assembly represents the peak of what we offer in deep ripping. This shank assembly features full-length shinguards and a massive 10,460lbs breakout at the blade on rigid assemblies and 4,070lbs breakout at the blade on hydraulic assemblies, ensuring only the toughest subsurface obstacles will impede your ripping.

The No. 9 shank also features a unique scissoring breakout action on the hydraulic shanks. This mechanism sees the shank break back along a wide radial arc rather than pivoting from a single point. This scissoring breakout prevents stubborn trash from catching the blade and damaging the shank assembly.

With an Agrowplow equipped with the No. 9 shank assembly, you can be confident you've got the tools you need to shatter deep subsurface hardpan and ensure your paddock's productivity for seasons to come.

* Department of Agriculture & Food, 2015



AP11

The Agrowplow AP11 series plough is a multi-purpose linkage unit designed for root-bed renovation of pastures, cereals, vineyards, horticultural crops, and sugar cane applications.

DELIVERS MORE FOR LESS

The Agrowplow AP11 offers a robust ripping platform in a compact, rugged machine. It features a 100x100x6mm RHS steel frame and the No. 8 shank assembly for long-term durability. The No. 8 shank offers hardpan shattering up to 400mm deep with narrow shank facings to reduce draft force.

The AP11 is available in either five- or seven-shank models and has a narrow transport width of either 2.1m or 2.75m, which makes it easy to manoeuvre between gates and on roads. It connects to your tractor's three-point linkage with a CAT2 connection, making for easy raising and lowering of the machine and the twin 175/75-R13 depth wheels are easily adjusted to control ripping depth.

AP11 AT A GLANCE

No. of Shanks	5	7
Shank Spacings	330mm	
Working Width	1.65m	2.31m
Transport Width	2.1m	2.75m
Shank Options	No. 8 Rigid (2,400lbs breakout)	
Frame	100 x 100 x 6mm RHS	
Drawbar Power	80-120hp	100-140hp

AP31

With the Agrowplow AP31 series plough you can prepare the perfect seedbed. The unique Agrowplow shank produces the best root bed environment by uplifting and shattering hard soil pans without inverting the soil. This leads to improved moisture retention and an increase in soil microbiology giving your crops the potential for the maximum possible yield.

DISCOVER THE BENEFITS

Strength and reliability is at the heart of the AP31 Agrowplow. The 100x100x9mm frame has been engineered to offer rugged performance and the flex to hug rolling terrain. With seven and nine shank options available, the AP31 can offer a productive root bed for a range of cropping purposes.

The AP31 features narrow transport widths and a CAT2 linkage for easy raising and lowering. It is also fitted with two 235/80-R15 depth wheels that are easily adjusted to control the depth of ripping operations.

A mounted Flexiroller can also be fitted to the AP31, reducing the amount of work needed on your paddocks and offering a perfect seedbed finish.

AP31 AT A GLANCE

No. of Shanks	7	9
Shank Spacings	330mm	
Working Width	2.31m	2.97m
Transport Width	2.71m	3.4m
Shank Options	No. 8 Rigid (2,400lbs breakout) No. 8 Hydraulic (2,000lbs breakout)	
Frame	100 x 100 x 9mm RHS	
Drawbar Power	100-140hp	135-180hp

AP 51

The Agrowplow AP51 with its purpose-built heavy-duty frame and innovative No. 9 shank assembly provides the strength and durability for mid-size ploughing.





THE NEXT LEVEL IN STRENGTH

The Agrowplow AP51 represents the next level in strength and reliability. Our design goal with the AP51 was to develop a mid-sized plough with the heavy-duty construction to match the larger rippers in a compact frame.

The AP51 delivers on this goal with a rugged 150x150x9mm RHS frame, easily capable of handling the toughest ripping conditions and delivering the optimal ripping results you can expect of the No. 9 shank assembly. With the No. 9 shank assembly, you can choose from rigid or hydraulic breakouts to suit your farm all fitted to a heavy-duty machine that offers superior performance regardless of the conditions.

ROBUST AND VERSATILE

The AP51 comes standard in either a nine or eleven shank model, with 380mm spacings and supporting working depths up to 450mm. This makes the AP51 ideal for mid-sized farms where increasingly heavy farm machinery means increased soil compaction and reduced crop

prosperity. It combines our latest No. 9 shank assembly to offer huge breakouts, up to 10,560lbs, to ensure you see maximum results with minimal interruption from subsurface obstacles.

The narrow shanks allow the AP51 to get the job done even when hitched to a smaller tractor, making it suitable even for farmers with small to mid-range tractors and the optional mounted Flexiroller allows you to ensure you get the perfect seedbed every time.

The Agrowplow AP51 also equipped with a pair of 11.5/80-15.3 implement tyres which are easily adjusted to set the ploughing depth and is CAT3 quick-hitch compatible.

AP51 AT A GLANCE

No. of Shanks	9	11
Shank Spacings	380mm	
Working Width	3.42m	4.18m
Transport Width	4.57m	5.33m
Shank Options	No. 9 Rigid (10,560lbs breakout) No. 9 Hydraulic (4,070lbs breakout)	
Frame	150 x 150 x 9mm RHS	
Drawbar Power	180-270hp	220-330hp

AP 71

Now built even tougher, the AP71 series deep ripper offers excellent soil renovation in mid-broadacre applications boasting the latest advances in deep ripping including CTF widths and the innovative No. 9 shank.





YOUR FIRST STEP TO TRULY DEEP RIPPING

Take deep ripping to the next level with the Agrowplow AP71. Built tough to handle the stresses of Australian farming, the AP71 offers excellent soil renovation in a variety of broadacre applications.

The AP71 boasts the latest in Agrowplow's design innovations, including an extra-strong 200x200x9mm RHS steel frame and the innovative No. 9 shank assembly. Available in either eleven or fifteen shank models, the AP71 boasts working widths up to 6m and the ability to handle deep ripping in even heavy trash conditions.

SMARTER, SIMPLER DESIGN

The AP71 Agrowplow offers the strength you need to get the job done in a reliable machine that's easily customised to your farming operations.

Easily set the engagement angle of your blades with the front level bar to maximise your ripping efficiency and minimise draft. Get your ripping done faster and more

efficiently with the 400/60-22.5 floatation tyres that offer superior manoeuvrability, and ensure you get the right machine for you with either CAT3, CAT4, or trailing linkage options.

The AP71 uses the No. 9 shank assembly, meaning you can be confident knowing your shanks are rated up to 4,070lbs breakout at the blade on hydraulic shanks and a huge 10,560lbs breakout on rigid shank models.

The No. 9 shank assembly also supports a range of additional options, such as inclusion plates. These plates enable efficient topsoil slotting to increase yields, especially in sandy soils and are available in either shallow or deep variants allowing you to maximise your soil potential according to your own needs. Plus, the included wear-plates give you the peace of mind knowing your inclusion plates are protected from the wear and tear of repeated use in rugged country.

AP71 AT A GLANCE		
No. of Shanks	11	15
Shank Spacings	409mm	400mm
Working Width	4.5m	6.0m
Transport Width	5.42m	6.93m
Shank Options	No. 9 Rigid (10,560lbs breakout) No. 9 Hydraulic (4,070lbs breakout)	
Frame	200 x 200 x 9mm RHS	
Drawbar Power	220-330hp	300-450hp

AP81

The Agrowplow AP81 combines the durability of a fully-welded frame with a range of additional options to ensure your ripping operations suit your needs, paddock by paddock.





IMPROVE DEEP RIPPING OUTCOMES

The Agrowplow AP81 makes deep ripping in broadacre farming simple and versatile. It features all the strength and innovation Agrowplow is renowned for in a machine that can be customised to suit your operations.

The AP81 is available with 3m wheel centres and 9 and 12m working widths to offer support for CTF operations. It also utilises the innovative No. 9 shank assembly, allowing ripping to depths of up to 600mm and the addition of a range of shank options to meet your needs.

Constructed from a heavy-duty, fully-welded frame, the machine is comprised of up to 23 shanks across a pair of 200x200x9mm RHS steel toolbars and in working widths of 9m and 12m. Combined with the No. 9 shank assembly, the AP81 is designed to offer heavy trash clearance and a robust design that handles the stresses of heavy use. The AP81 also supports a range of shank options, including inclusion plates that enable topsoil slotting to ensure your soil microbiology is healthy and your seedbed is ready for sowing.

BETTER, SMARTER RIPPING

We've made depth setting simple. The AP81 supports an optional hydraulic level adjust that allows you to easily set the level of the machine, ensuring maximum efficiency for your deep ripping.

The plough also features three sections with 10° down and 20° up section float. This allows the plough to follow the natural contours of your paddock while ensuring your soil is ripped to a consistent depth.

Transport is made easy with over-centre wing fold and locking pins securing the three plough sections when in transit.

AP81 AT A GLANCE		
No. of Shanks	17	23
Shank Spacings	529mm	522mm
Working Width	9m	12m
Transport Width	6.85m / 9.25m	6.8m / 11.9m
Shank Options	No. 9 Rigid (10,560lbs breakout) No. 9 Hydraulic (4,070lbs breakout)	
Frame	200 x 200 x9 mm RHS	
Drawbar Power	340-510hp	460-690hp

AP91

Soil care and innovation has been the driving force behind the AP91 Agrowplow. Our largest deep ripper combines all the innovations the No. 9 shank has to offer with a wide, sturdy frame capable of enhancing even the largest broadacre cropping operations.





THE CUTTING EDGE OF DEEP RIPPING

Soil care and innovation is the driving force behind all Agrowplow products, and the AP91 epitomises our commitment to these principles. Our largest model has been developed to make deep ripping simpler, stronger, and smarter for all broadacre cropping enterprises.

The AP91 is available with 3m wheel centres and in 6, 9 and 12m working widths to offer increased yields with controlled traffic farming. It also features a fully-welded 200x200x9mm RHS frame and the innovative No. 9 shank assembly, making it the ideal choice for ripping in challenging conditions. The No. 9 shank offers hardpan shattering at depths of up to 600mm without soil inversion. This means you get all the benefits reduced compaction offers your crops while maintaining the soil moisture and microbiology that ensures your farm's long-term prosperity.

The plough features an over-center folding wing design with 10° down and 20° up wing ground following section design that allows the plough to better follow the natural contours of your paddock, ensuring consistent ploughing.

LEADING/TRAILING SHANK CONFIGURATION

The plough incorporates a trailing/leading shank configuration to improve the towing capability and reduce ripping costs.

This shank configuration consists of a single row of leading hydraulic shanks working at 450mm depths with up to 4,070lbs breakout. These leading shanks are then followed by trailing hydraulic shanks working up to 600mm deep with 3,520lbs breakout. This dual-action ripping configuration reduces the draft requirements for the ripper by up to 18%, meaning you will benefit from increased towing ability and reduced fuel and time costs.

The AP91 also includes hydraulic level adjust as standard to ensure your plough is always set to the ideal level for maximum efficiency.

AP91 AT A GLANCE

No. of Shanks	16 (11 rows)	26 (17 rows)	34 (23 rows)
Shank Spacings	545mm	529mm	522mm
Working Width	6.0m	9.0m	12m
Working Depth	up to 600mm		
Shank Options	No. 9 Hydraulic (4,070lbs breakout) No. 9 Hydraulic (3,520lbs breakout)		
Frame	200 x 200 x 9mm RHS		
Drawbar Power	350-450hp	400+hp	500+hp

SHANK TYPES & ACCESSORIES



NO. 8 RIGID SHANK

Frame mount: 100x100 RHS

Max. breakout: 2,400lbs at the blade

Max. working depth: 400mm

Suits AP11, AP31



NO. 8 HYBRID HYDRAULIC SHANK

Frame mount: 100x100 RHS

Max. breakout: 2,000lbs at the blade

Max. working depth: 400mm

Suits AP31



NO. 9 RIGID SHANK

Frame mount: 150x150 RHS & 200x200 RHS

Max. breakout: 10,560lbs at the blade

Max. working depth: 600mm

Suits AP51, AP71, AP81



NO. 9 HYDRAULIC SHANK

Frame mount: 150x150 RHS & 200x200 RHS

Max. breakout: 4,070lbs at the blade

Max. working depth: 600mm

Suits AP51, AP71, AP81, AP91



INVERSION SHANK

Frame mount: 200x200 RHS

Max. breakout: 10,560lbs at the blade

Max. working depth: 600mm

Suits AP71, AP81, AP91

1 MOUNTED FLEXIROLLER



2 TRAILING FLEXIROLLER

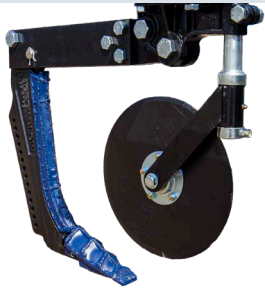


3 FLEXIROLLER HYDRAULIC LIFT KIT



4 COULTERS

Cuts through trash ahead of the shank assembly, preventing trash buildup and allowing easier ripping in high trash conditions.



9 FERTILISER TUBES

Enables the delivery of granular fertiliser directly behind the shank to adjust soil pH prior to sowing.



5 FURROWERS

Creates furrows and hills required for raised bed cropping to promote healthy runoff and drainage.



6 INCLUSION PLATES

Allows surface-applied ameliorants to be mixed into the subsurface soil layer. Includes wear plates that protect the assembly.



7 MULCH BLADES

Cuts weeds at the root level during ploughing, allowing for weed management with minimal soil disturbance.



8 SWEEPS

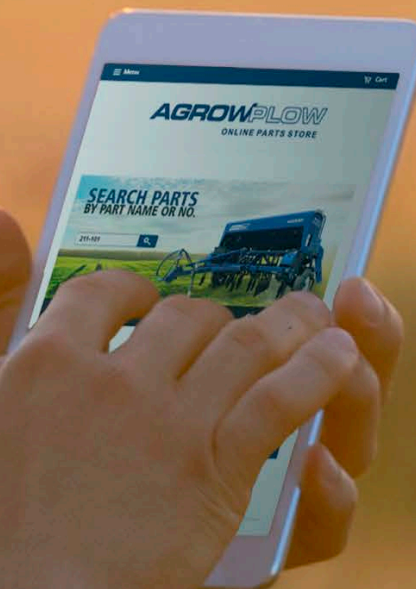
Increases the volume of soil lifted during ploughing, allowing for greater topsoil mixing without disturbing the soil surface layer.

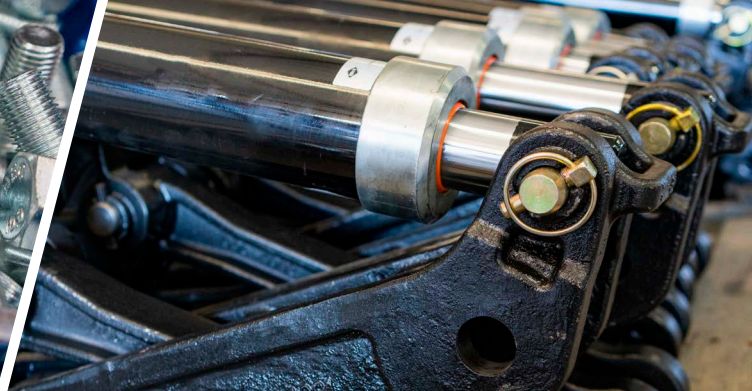


Please note some shank options are mutually exclusive, and some cannot be used except under specific circumstances. Shank options may increase the draft requirements. Consult your Agrowplow dealer before considering these options.

PARTS STORE

AGROWFLOW ONLINE





THE STORE THAT'S READY WHEN YOU ARE

At Agrowplow we know how important it is that your machine is as well-supported today as it is ten years from now. That's why our online store is available day and night to make sure your deep ripper is always ready to start on the next paddock.

We offer spare parts and accessories for our entire Agrowplow range, from the latest model machines to the earliest Agrowplows*.

Simply log in to **shop.agrowplow.com.au** to browse our entire range, with most orders packed and shipped within one working day. Plus, once you've created an account we'll keep you up to date with all the latest news and special offers on wear parts and accessories for your machine.

DON'T GET CAUGHT OUT

Know what needs replacing, but don't know what it's called? Eliminate doo-hickey-itis with our online store. You'll find up-to-date owners and parts manuals for a range of our machines so you know exactly what it is you need to order, right down to the part number and name.

Never get caught out again! Create your account today and ensure you've got ready access to the Agrowplow range of parts and accessories. We're ready when you are.

AGROWPLOW[®]
ONLINE PARTS STORE

 shop.agrowplow.com.au

- ▶ Up-to-date owners and parts manuals
- ▶ Delivery to your address or local dealer
- ▶ Search by part name or number
- ▶ Special offers and discounts

* Not all parts are kept as regular stock. Some legacy items and accessories may need to be made to order, ordered directly from the manufacturer, or have been discontinued altogether. Please contact Agrowplow Parts if the parts you are looking for are unavailable online.

PARTS

AGROWPLOW

SPECIFICATIONS

MODEL	AP11		AP31	
Shanks	5	7	7	9
Shank Spacing	330mm		330mm	
Toolbars	2		2	
Toolbar Spacing	1m		1.15m	
Working Width	1.65m	2.31m	2.31m	2.97m
Transport Width	2.1m	2.75m	2.71m	3.4m
Shank Style	No. 8 Rigid Shear Pin (2,400lbs breakout)		No. 8 Hybrid Rigid Shear Pin (2,400lbs breakout)	
	-		No. 8 Hybrid Hydraulic Recoil (2,000lbs breakout)	
Maximum Working Depth	400mm		400mm	
Frame	100x100x6mm RHS		100x100x9mm RHS	
Sections	1		1	
Drawbar Power	80-120hp	100-140hp	100-140hp	135-180hp
Linkage	CAT2 three point linkage		CAT2 three point linkage	
Wheel Type	175/75 R13		235/80 R15 AT	
Machine Options	-		Flexiroller (mounted)	
	-		-	
	Rear tow hitch Rear tow hitch hydraulics		Rear tow hitch Rear tow hitch hydraulics	
Trailing Options	Rubber tyre roller		Rubber tyre roller	
	Flexiroller (trailing)		Flexiroller (trailing)	
	Flexiroller hydraulic lift kit		Flexiroller hydraulic lift kit	
Shank Options	Coulters		Coulters	
	Fertiliser tubes		Fertiliser tubes	
	Furrowers		Furrowers	
	Inclusion plates		Inclusion plates	
	Mulch blades		Mulch blades	
	Sweeps		Sweeps	

Please note some shank options are mutually exclusive, and some cannot be used except under specific circumstances. Shank options may increase the draft requirements. Consult your AgrowpLOW dealer before considering these options.

AP51		AP71		AP81		AP91		
9	11	11	15	17	23	16 (11 rows)	26 (17 rows)	34 (23 rows)
380mm		409mm	400mm	529mm	522mm	545mm	529mm	522mm
2		2		2		3		
1.35m		1.975m		2.135m		1.35m, 1.6m		
3.42m	4.18m	4.5m	6.0m	9.0m	12.0m	6.0m	9.0m	12.0m
4.57m	5.33m	5.42m	6.93m	6.85m / 9.25m	6.8m / 11.9m	5.7m	6.85m / 9.25m	6.8m / 11.9m
No. 9 Rigid Shear Pin (10,560lbs breakout)		No. 9 Rigid Shear Pin (10,560lbs breakout)		No. 9 Rigid Shear Pin (10,560lbs breakout)		No. 9 Leading 450mm Hydraulic Recoil (4,070lbs breakout)		
No. 9 Hydraulic Recoil (4,070lbs breakout)		No. 9 Hydraulic Recoil (4,070lbs breakout)		No. 9 Hydraulic Recoil (4,070lbs breakout)		No. 9 Trailing 600mm Hydraulic Recoil (3,520lbs breakout)		
450mm		450mm (standard) or 600mm*		450mm (standard) or 600mm*		600mm		
150 x 150 x 9mm RHS		200 x 200 x 9mm RHS		200 x 200 x 9mm RHS		200 x 200 x 9mm RHS		
1		1		3		1	3	3
180-270hp	220-330hp	220-330hp	300-450hp	340-510hp	460-690hp	350-450hp	400+hp	500+hp
CAT3 three point linkage		CAT3, CAT4, or Trailing		Trailing w/ 2" or 2¾" draw bar pin		Trailing, level lift w/ 2" or 2¾" draw bar pin		
11.5/80 - 15.3 implement		400-60-22.5 floatation		15.5/80-24 (16) 163A8/169A6 Grip-star		15.5/80-24 (16) 163A8/169A6 Grip-star		
Flexiroller (mounted)		Flexiroller (mounted) (11 shank only)		-		-		
-		-		Hydraulic level adjust		-		
Rear tow hitch		Rear tow hitch		Rear tow hitch		Rear tow hitch		
Rear tow hitch hydraulics		Rear tow hitch hydraulics		Rear tow hitch hydraulics		Rear tow hitch hydraulics		
Rubber tyre roller		-		-		-		
Flexiroller (trailing)		Flexiroller (trailing)		Flexiroller (trailing)		Flexiroller (trailing)		
Flexiroller hydraulic lift kit		Flexiroller hydraulic lift kit		Flexiroller hydraulic lift kit		Flexiroller hydraulic lift kit		
Coulters		Coulters		Coulters		Coulters		
Fertiliser tubes		Fertiliser tubes		Fertiliser tubes		Fertiliser tubes		
Furrowers		Furrowers		Furrowers		Furrowers		
Inclusion plates		Inclusion plates		Inclusion plates		Inclusion plates		
Mulch blades		Mulch blades		Mulch blades		Mulch blades		
Sweeps		Sweeps		Sweeps		Sweeps		

The AP71 and AP81 should only be used with 600mm shanks under strictly controlled conditions. It is not recommended for use in virgin, rocky, or uneven terrain. Consult your Agrowplow dealer before considering this option.

AGROWPLOW®

Prosperity through Soil Care.

Your authorised Agrowplow dealer:

Agrowplow Head Office
2 Castle Street
Molong NSW 2866

www.agrowplow.com.au
1300 722 491
agrowplow@agrowplow.com

