

SIMPLICITY HANDLES ROCKY COUNTRY



An 18.3m (60ft) wide Simplicity Allrounder bar is proving its worth in trying country on a Yorke Peninsula grain growing property in South Australia

The robust Simplicity bar is doing its second year of planting for the Slade family as part of their 3200ha (7907-ac) cropping program near Yorketown SA.

Andrew Slade said the Simplicity bar, that sports hydraulic tynes, has held together remarkably well despite some testing ground conditions that includes limestone ridges.

"For a seeder to make it through a season here unscathed is pretty rare," Andrew said. "But we've had a great run with the Simplicity. We are always working around rocks and ridges in this country and the bar has performed very well."

Slade Farming is run by Andrew and his brother Martin and their father Richard.

The cropping program

includes wheat, lentils, canola, beans and barley and the country varies from heavy, red soils to deep non-wetting sands with plenty of limestone reefs and rocks.

"With the rocky nature of our farm, build quality and strength were the main features we were looking for in a bar," Andrew said.

Their previous bar was a spring tyne design and as part of their research to buy a new machine, the Slades spoke to Simplicity owners from Western Australia and other states.

"We knew the bar needed to be built strong," Andrew said. "And we were also looking for a floating hitch to help with contour following."

After the sowing was done last year with the Allrounder 308 bar, set up on 254mm (10-inch) row spacings, Andrew

was impressed.

"We have been very happy with it. It's really paid off. It's a slightly more expensive bar but the heavy build quality has been fantastic." Being able to control the downforce on the hydraulic tynes on-the-go is another plus for Andrew.

"The country is quite varied so being able to adjust the downforce on the tynes is a good feature and very easy to adjust. It's done from in the tractor cab and the gauge is easy to see.

"The large flotation tyres also do a great job."

The Simplicity Allrounder 308 bar was purchased through dealers G & J East Kadina SA.

The 18.3m (60ft) bar has front casting wheels and a floating hitch and is run as a tow-between set up with the seeding bins and hoppers trailed behind

the bar. Tynes are fitted with a 75mm (3-inch), paired-row boot.

A spherical bearing on the top and bottom of the hydraulic ram on each tyne means side loads are not transferred to the shaft seals or cylinder barrel.

The result is a significant increase in seal life and general long term wear.

Each tyne's break out (45-340kg) is adjustable "on-the-go" and has built in clever geometry.

During breakout, resistance force is initially increased, but as the tyne continues to be pushed back (on hitting a large obstacle for example) the tyne pressure then continually reduces, allowing for a "stump-jump" action.

Once the obstacle is cleared the tyne will then return to its working position at a controlled speed using oil flow as the

Slade farming knew their bar had to be built tough – to withstand the rocks and limestone ridges that ran through their ground



dampener. The result not only reduces damage to the shank and point, but the whole bar frame is not fatigued by heavy jarring recoils.

The 308's main frame is made of 100mm x 100mm x 9mm thick box steel for maximum strength. Row widths can be 200mm, 250mm, 300mm or 330mm.

Tynes weigh 29.6kg and an open design with five bars on the frame helps trash flow.

Andrew said trash flow has been good and the 18.3m (60ft)

bar is easy to fold. "The phasing rams and fold sequence is smooth and simple. It works really well. We had a good strike of the crop last season too, so yeah, it's done a bloody good job to date."

Simplicity seeding bars and carts are made in Dalby Qld, and have a reputation for exceptional build quality and ease of use.

For more details contact your nearest Simplicity dealer or see the full product range at:

www.simplicityaus.com.au



SIMPLICITY FLAGSHIP 30,000 LITRE AIRCART WITH PROUD WORKFORCE

Simplicity Australia began its journey in a backyard shed but today is a major player on the world stage and at the cutting edge of airseeder technology.

Located in Dalby Qld the Simplicity factory hosts "state of the art" manufacturing technology, finely tuned by its skilled workforce and onsite engineering design team.

The first Simplicity unit that emerged in 1980 was a small unit by today's standards. A mere 700 litres, and it used a simple auger and slide-metering system.

But founder David Law wasn't going to stay at that level.

After witnessing the initial positive reaction to its simple but highly effective seeding distribution design, in 1982 David Law purchased the business outright and set out on a path to become one of the major players in Australia's agricultural manufacturing industry.

In the following years David Law worked hard to keep pace with the most current manufacturing technology and it followed that Simplicity models achieved a quality build and finish.

He strived to maintain as much work done in-house where any immediate product development upgrades could be put into effect.

Simplicity has been at the forefront of Air seeder design for a long time now with the 80's being the time they set the foundations for many of their current designs.

Today Simplicity's range is

un-paralleled, comprising of over 70 models from 1500 litres right up to 31,500 litres.

The range includes small to medium sized mounted machines as well as a variety of trailing formats and tow between models.

Simplicity is still very much an all-Australian made success story with David Law's son Troy taking over as general manager in 2001. Troy has maintained the Simplicity endeavour to set and keep ahead of trends.

Such as ISO control options where the virtual terminal on a mainstream ISO tractor or guidance screen allows you to operate fully on existing the tractors console.

Simplicity's more recent focus has been on expanding and consolidating their tillage lines.

In 2016 Simplicity purchased a reputable single disc manufacturer and moved forward with developing a range of refinements and bar designs around this concept.

This year Simplicity will release to market a ground following parallelogram system. Something the company says has been in the pipeline for a long time and they assure us it will be worth the wait.