

# Syncroseed Wheat Planter



# Rovic

“Wheat is sown, and maize is planted”...

This is how every seasoned wheat farmer will quickly correct you. Rovic is pleased to introduce their new Syncroseed wheat planter, available in various configurations.

The aim of the Rovic Syncroseed is to be able to handle any terrain no matter the top soil or cover crop. The layout of the seeders have been strategically placed to minimize interplant competition resulting in more consistent and even germination. Another unique feature of the Rovic Syncroseed is the new generation tine, which has been completely redesigned as well as the three or four plastic tank configurations and work lights fitted as standard to name but a few



## UNIQUE SELLING POINTS

- New design seeding unit with a breakaway force of 600kg at 90 bar hydraulic pressure.
- Easy adjustment on seeding unit for closing wheel pressure and seeding depth.
- Tine fitted with 16mm wide replaceable tungsten tile point.
- Patented dual seed placement.
- In Furrow Management system can be fitted as optional to place liquid product where it is needed.
- Air system supply using a Cray fan that is driven by a bent axis piston motor. Motor will ensure reliable and high-performance service life. High-capacity oil cooler as standard will ensure that overheating of hydraulic oil is limited.



## OTHER FEATURES

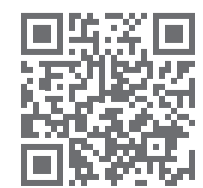
- Maximum granular fertilizer delivery of 400 kg/ha, supplied by the latest metering unit that will ensure constant and accurate metering of product, even in hilly conditions.
- Fine seed option available for all models with various placement positions.
  - With seed
  - In seed furrow
  - Next to seed furrow
  - Broadcast behind seeder
- Seeders can be fitted with a spray boom on the front.
- Different type of seed rollers available for wheat, large pellets and fine seed.
- Load balancing on wings that will ensure an even planting depth.
- Colour coded hydraulic couplings that will make connections easier for the operator.
- Ground clearance of 560mm at a working depth of 150mm.
- Fitted with self-cleaning rubber moulded V-shaped press wheel that minimises over-throw of soil to neighbouring row.
- Well known lower maintenance compared to other seeders in the market.
- Working lights fitted as standard.



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# Optional Friction Flow™ Distribution System

PROUDLY BROUGHT TO YOU BY:



Friction Flow™ tubing virtually eliminates blockage in liquid fertiliser delivery systems.

Small, single point restrictors of the past, like orifice-plates, or line-meters, made it difficult to create adequate back-pressure without blocking. Friction Flow™ works with a larger internal diameter, allowing particles to pass freely, while inducing the right amount of friction, allowing liquid products to be accurately metered - at any flow rate.

Friction Flow™ produces a solid stream, ensuring accurate liquid placement in the furrow. No more drips or bubbles at low rates!

Made from superior material, using the highest- grade nylon, with durability in mind. Extreme wall strength, resists kinking, crushing and distortion of the internal diameter – ensuring consistent metering in the toughest conditions. Maximum UV stability, and chemical and fertiliser resistance. Our revolutionary 'suzi coil' design simplifies fitment, resulting in a neat and tidy installation – no more spaghetti tubes. Pair with a Furrow Injection Module (FIM, or RatePod) for a complete liquid delivery solution. The concept is simple, more friction = less flow and less friction = more flow ... that's Friction Flow™.



## GUIDE TO TROUBLE FREE FRICTION FLOW™ LIQUID INJECTION



### CONTROL SYSTEM

Choose from FMSA's range of rate control systems, from manual "set and forget", to fully automatic rate control, with section control capability.



### PRIMARY FLOW HOSE

High grade Australian manufactured hose rated for chemical use.



### PRIMARY DISTRIBUTION MANIFOLD

The first stage to evenly distribute your liquid across the implement.



### SECONDARY FLOW HOSE

High grade Australian manufactured hose rated for chemical use.



### SECONDARY DISTRIBUTION MANIFOLD

Precisely distribute liquid to each delivery point (tyne, or disc etc.), with integrated non-drip valves. One outlet per delivery point.



### FRICTION FLOW™ DISTRIBUTION TUBING

Tubing connects the Secondary Distribution Manifolds with Friction Flow™.



### FRICTION FLOW™ JOINERS

Equal 6mm straight joiners for connecting distribution tubing to the Friction Flow™.



### FRICTION FLOW™ TUBING

The key to trouble free liquid metering. Available in a range of lengths and internal diameters for virtually any application.

## LIQUID PLACEMENT IN FURROW

Liquid placement is critical at seeding time. To improve seed germination, vigour, nutrient uptake and crop establishment, the right liquid needs to be in the right place. Furrow offers options to increase flexibility and productivity with a range of liquid placement options. Get more placement options by combining Friction Flow™ tubing with our 2-Way Tap kits and stainless-steel tubing to get liquids where they need to be.



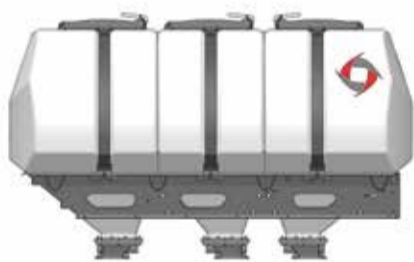
## SYNCROSEED WHEAT PLANTER – AVAILABLE MODELS

Model (number of tines)	Working width (m) at 285mm spacing	Working width (m) at 300mm spacing	± Required hp (7 - 11hp per tine)	Wing fold	Transport width (m)	Transport height (m)
21	5.99	6.30	147 – 231		5.54	3.2
23	6.56	6.90	161 – 253	Single	5.54	3.2
27	7.70	8.10	189 – 297	Single	5.54	3.9
29	8.27	8.70	203 – 319	Single	5.54	3.9
31	8.84	9.30	217 – 341	Single	5.54	4.5
33	9.41	9.90	231 – 363	Single	5.54	4.5
37	10.55	11.10	259 – 407	Single	5.54	5.3
39	11.12	11.70	273 – 429		5.54	5.3
41				Double	5.54	5.2
43	12.26	12.90	301 – 473	Double	5.54	5.2

- All frames are 3 rank type

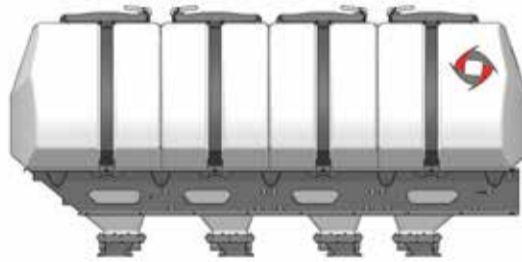
## SYNCROSEED WHEAT PLANTER – TANK OPTIONS

### OPTION 1 (Standard drawbar)



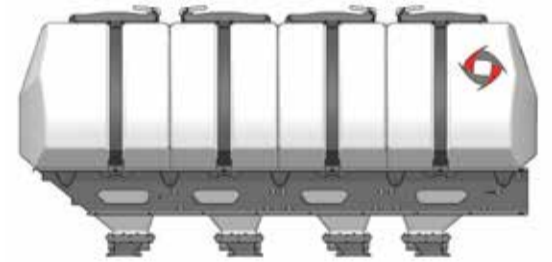
- Front of planter on the left.
- Tank sizes from left to right, 2350l + 1800l + 2350l = 6500l.
- Tanks can either hold dry or liquid product.

### OPTION 2 (Standard drawbar)



- Tank sizes from left to right, 2350l + 1800l + 1800l + 2270l = 8220l.
- Note: the 2270l tank can only hold liquid product, front three can hold either dry or liquid product.
- Final product will differ slightly from above image

### OPTION 3 (Extended drawbar)



- Tank sizes from left to right, 2350l + 1800l + 1800l + 2350l = 8300l.



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