

AGROWDRILL SEED DRILLS

CHEATSHEET

WHY AGROWDRILL?

- ✓ Easy to calibrate and operate
- ✓ Easy to source wearing parts through online shop
- ✓ Can meter fine seed accurately through main hopper (no small seed box required)
- ✓ 100% Australian made
- ✓ Wide range of bolt-on attachments and options
- ✓ Extremely durable and reliable
 - Fully-welded frame
 - Stainless steel inside hopper
 - 3mm powder coated hopper
- ✓ Heavy weight for robustness and aids furrow creation
- ✓ Minimal maintenance
- ✓ Large capacity means less time wasted reloading hoppers
- ✓ Excellent after sales service and top-notch warranty system
- ✓ Built by a company with 40+ years building agricultural machinery and who prides itself in its products



 **WATCH VIDEO**
COMPARE THE RANGE



Seed Drills 101

Also known as 'Direct Drills', 'Box Drills', or 'Combines', Seed Drills are used to plant a diverse range of seed – most commonly oats, lucernes, and grasses – for **pasture renovation** (providing quality feed for animals) on small to medium mixed or pastoral farms.

Seed Drills can 'direct drill' seed into the residues of previous crops without previous cultivation. This minimal soil disruption technique is known as 'no-till' or 'zero-till' farming popular in Australia.

Seed drills generally have a dual-hopper design that enables the separation of seed and fertiliser before being mixed together during sowing. Seed is drawn via gravity into 'rollers' that are directly driven by an infinitely variable gearbox ('varibox') connected via clutch to the machine's wheels, or by an electric drive motor.

Seed then falls through hose into chutes behind a 'tyne' with 'baker boot' point or single or double disc. These create a shallow furrow in the soil into which the seed is then dropped or 'placed'.

Seed drills require calibration before operation to ensure the correct seeding 'rate' (ie: seeds per hectare) depending on the different sized seed and/or desired outcomes.

Seed drills can be raised or lowered via tractor hydraulics to remotely engage or disengage the seeding mechanisms.

Optional presswheels or rollers can be fitted to, or trailed behind the seed drill, to flatten the soil and lightly press or cover the seed into the soil.