



ABN 82 587 918 735

Lot 66 Levi St, Farrell Flat
PO Box 411, Clare, SA 5453
P: 08 8843 8151
admin@cutmansengineering.com.au

Grain Augers

Harvest is a time critical period in the farming cycle, which requires effective co-ordination with freight providers to ensure timely and uninterrupted delivery of your grain to storage facilities. The reliability and loading capacity of your auger is paramount to this activity.

By both reducing or eliminating the use of parts most typically associated with wear, tear and breakage (i.e. pulleys, belts, chain, sprockets), hydraulically driven augers dramatically improve in-field reliability and substantially reduce maintenance costs.

Ashmore Engineering's Hydraulic Drive Augers are a vastly simplified design that maximise performance and ensure continuous delivery throughout harvest.



Performance Features & Benefits

- **37hp Kohler Petrol Engine:** maximises flow rates with delivery of up to 3 tonnes/minute.
- **Ground Drive:** High torque hydraulic motor connected directly onto tail shaft provides differential drive to the wheels and positive drive in the roughest conditions. Easily disconnected for road travel.
- **Flighting:** heavy duty 5mm segments for first 800mm (the high wear & tear area of the barrel). Top of flighting is fitted with a taper sleeve 45mm bearing to maximise load carrying capacity. In the unlikely event of bearing failure, it also reduces risk of damage to shaft.
- **Duplex chain:** ensures durability and longevity.
- **Oil Tank:** angle mounted on chassis. Oil is delivered to hydraulic system from lower end of tank and is returned from hydraulic system to the top end of the tank. Return oil (i.e. warm oil) is then cooled as it is gravitationally fed to the lower end of the oil tank. This ensures that the coolest oil is delivered to the hydraulic system, thus reducing over-heating and consequent damage, operational interruption, and maintenance costs.

Operational Features & Benefits

- Operational Controls: controls for ground drive, auger drive and winch positioned for maximum operator convenience.
- 3rd Wheel: hydraulic lift.
- Spring Mounted: reduces shock loading in rough conditions, therefore reducing damage to auger and associated maintenance costs, also increases on-road towing speed capacity.
- Engine mounted on Chassis: creates effective weight distribution for ease of handling and reduces weight load on barrel to prolong barrel life.
- Electric Winch: push button control improves ease of handling and operator safety.
- Removable Fuel Tank: enables tank to be removed for refuelling without need to transport auger to fuel source.
- Hopper: fitted with wheels for ease of handling. Clips onto chassis to ensure it remains with the unit.
- Toolbox: designed to carry fuel tank, spare fuel & oil and drawbar.
- Removable Drawbar: easily removed and carried in the toolbox.

Safety Features & Benefits

- Safety Switch: fitted to barrel to cut engine power in the event of an emergency
- Locking Device: unique locking device to prevent barrel falling in the event of a cable breakage