

SHAFT DRIVEN SELF PROPELLED AUGERS



On our new design the hydraulic cylinder rod is inside the hydraulic cylinder barrel when the auger is in its resting/transporting position so the rod is not exposed to the elements reducing the risk of the cylinder rod pitting & bending in transport.

11" Augers Now With 3mm Thick Heavy Duty Tube

42' X 11" Self Propelled with 37 H/P EFI Vanguard Illustrated, with optional adjustable spout camera kit & mudguards fitted

THE MAIN FEATURES OF OUR NEWLY DESIGNED ENGINE CRADLE



New spring loaded engine cradle which eliminates the belt tension idler. Fitted with a direct driven hydraulic pump. All augers complete with electric start motor & 23 litre fuel tank. Donaldson air cleaner fitted standard to 27, 31, 35 & 37 H/P Vanguard Engines



The belts can be put in and out of gear from either side of the auger. Fitted standard with a raised exhaust to keep it well out of the stubble reducing the fire risk.



Easily adjust the belt tension by adjusting the turnbuckle (pictured on the right). The spring allows the belts to be put in and out of gear with minimal effort.



Cover off with belts in gear, there are adjustable belt guides on the inside of the belts.



The belt guides & the cover hold the belts in position so when the belts are out of gear the auger will not drive.



Direct drive pump attaches to the three belt cast iron pulley. Photo with cover on and with cover off





A newly deigned manifold and exhaust has allowed us to directly attach the muffler to the manifold without the use of flexible tubing.



Exhaust with rain cap fitted After market upgrades for existing augers are available



The Fuses, Electric Brake Controller and Spout controller are tucked away in the channel of the cradle protecting them from the elements



Three belt drive with belt guides behind the belts that hold the belts when they are out of gear

THE MAIN FEATURES OF OUR NEWLY DESIGNED LIFT



A newly designed hydraulic cylinder with built in counter balance valve.



An extra pulley has allowed us to have the hydraulic cylinder rod inside the hydraulic cylinder barrel when the auger is in its resting/transporting position so the rod is not exposed to the elements reducing the risk of the cylinder rod pitting or bending in transport.



Reversible gear box standard on all Vennings augers. One of the two 1200 lumen Led Lights fitted to all Self Propelled Augers



10" Electric Brakes are fitted to the road wheels with a self contained controller so you can tow the auger legally behind any vehicle fitted with a trailer plug at the sign posted speed limit.



A motion control valve has been added to the drive motor, providing a brake like function on the third wheel, allowing easier control and restricts the roll back when entering the silo, without roll on/back.



Heavy Duty 20mm thick gear drive on third wheel with Heavy Duty NEW 31X10.5R 15LT 6 Ply Tyres



Third wheel in transport position. There is no need to disconnect drive wheel or brakes.



Simply sit on the swivelling seat & drive around



Oversize sign & flags showing width extremities are fitted to 42', 50' & 60' Augers (not req. on 35' as it's not oversize) All augers have safety towing chain & D Shackles



A flag is fitted to the end of all augers. A LED revolving light is fitted to the top end of all 42', 50' & 60' Augers as per legal requirements (not req. on 35' as it's not oversize)



Optional aluminium mudguards with LED tail, brake & indicators can be fitted. Standard with heavy bearings rated at 1600 kgs.



Standard Steel Hopper with safety mesh with cleanout trapdoor fitted



Steel hopper in transport position mounted to bottom frame so its always with auger.



Poly Hopper with rubber top. Slender design allows auger to be placed under silo with the hopper attached to the auger.



Optional plastic hopper is available but has been proven to decrease capacity



Safety Cage with removable tow hitch



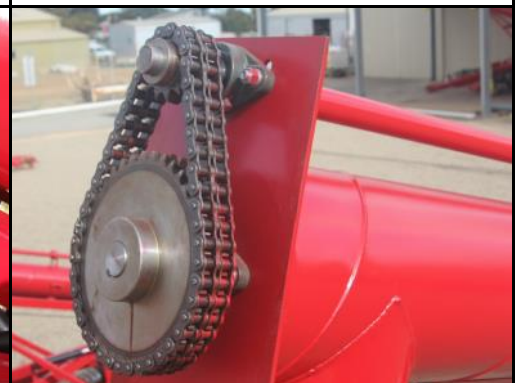
Tow hitch in storage when not in use



Emergency Stop Switch fitted near intake end of auger



Document holder attached to Auger holds motor and auger operating instructions



Simplex sprockets fitted to 9" Duplex sprockets fitted to all 10" & 35 & 42' X 11" Triplex sprockets fitted to 60' X 11"



MANUFACTURED AND DISTRIBUTED BY

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Extra wide axles are fitted to all 60' augers for increased stability and safety, Overall width on 60' auger is 3,340mm

Overhead supports are fitted to 60' augers for increased strength and support

58' x 10" (now 60' x 10") Auger over a silo



Controls With Optional 7" Waterproof Monitor

Optional Camera fitted to outlet of auger

Fire Extinguisher supplied on all augers

Seat and controls

Safety operating stickers to promote safety

Optional adjustable discharge spout available to suit all augers. Allows easy filling of trucks without shifting and silos without climbing.



Adjustable spout in fully contracted position

Adjustable spout in mid position

Adjustable spout in fully extended position



Optional 3 Section drop spout with approximately 700mm drop

Optional 5 Section drop spout with approximately 1100mm drop

Optional 7 Section drop spout with approximately 1500mm drop



Optional 7" LCD waterproof colour digital touch button single view monitor & camera. Easily see if the outlet is in the correct position or see how full your silo or truck is from the seat of the auger without climbing



7" LCD WATERPROOF COLOUR DIGITAL TOUCHBUTTON SINGLE VIEW SUITABLE FOR UP TO 3 WATERPROOF CAMERAS

- Waterproof compliant with IP67
- Touch button with finger tip operation
- Auto adjustment of panel brightness
- Supplied with centre mount support bracket and U bracket
- Operates from 10-32 volts
- Power Consumption 6 watt
- Brightness, colour, contrast, volume & sharp separately adjustable
- Supplied with 5.4 or 6.7 metre power supply cable

WATERPROOF CAMERAS WITH NIGHT VISION

- Waterproof compliant with IP67
- Camera lens can be tilted up and down
- With adjustable wide sun visor
- Night Vision Distance of approximately 12 metres
- Super wide viewing angle 120 degrees



Optional 7" Waterproof monitor & camera mounted near outlet

Optional Service Kit



Kit Includes

- 3 X Drive Carlisle Super 2 Belts
- 1 x Drive Shaft Sprocket
- 1 x Flight Sprocket
- 1 x Drive Chain 60ASA with joiner
- 1 X Inner Air Cleaner Filter
- 1 x Outer Air Cleaner Filter
- 1 x Motor Oil Filter
- 1 x 5 Litre Bottle of SAE30 Motor Oil
- 1 x Fuel Filter
- 2 x Spark Plugs
- 1 x Oil Filter to suit Hydraulics

Recommended Retail Price \$



WARNING

Department of transport and Main Roads —Safe Towing

All Vennings self-propelled augers are over 1000kg, but do not exceed 2000kg

It is a National requirement that the mass of a trailer (auger) must not exceed the maximum towing capacity of the vehicle. The Maximum un-braked towing capacity of an Un-braked trailer (auger) behind any passenger vehicle, light commercial and 4 wheel drives is 750kg see below chart for examples of some vehicle towing capacities.

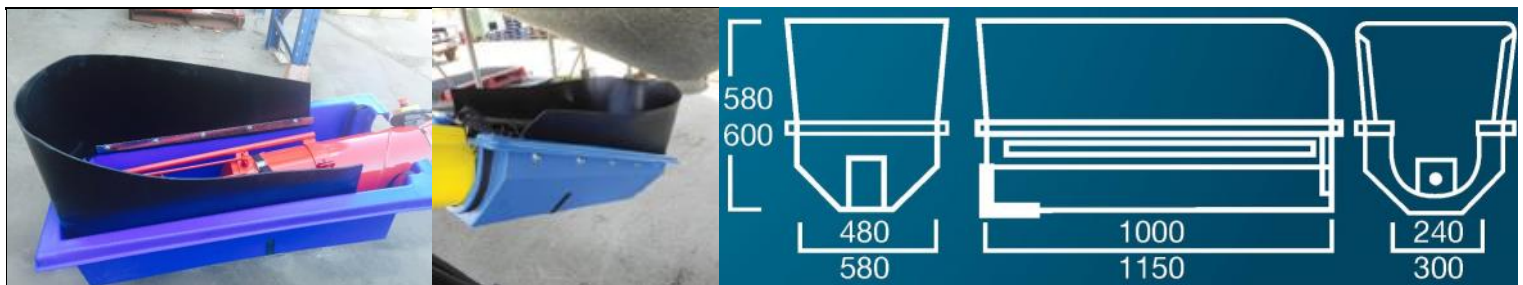
Vehicle Make	Vehicle Model	Year	Vehicle Manufacturer's Legal Maximum Towing Mass	
			No Brakes KG	With Brakes KG
Holden	Colorado	07/2008>	750	3000
Toyota	Hilux	09/2011>	750	2500
Toyota	Land Cruiser	03/2007>	750	3500
Ford	Ranger	03/2009>	750	3000
Ford	F250	10/2006>	750	4500
Mitsubishi	Pajero	10/2011>	750	3000
Mitsubishi	Triton	10/2010>	750	3000
Nissan	Navara	10/2010>	750	3000
Nissan	Patrol	10/2007>	750	3200

Therefore a braking system must be fitted to any trailer (auger) that is over 751kg

All Vennings self-propelled augers are now fitted with 10" Electric brakes to the road wheels with a self-contained controller so you can tow it behind any vehicle fitted with a trailer plug. The brakes are activated when the brake light on the towing vehicle comes on.

This is a National legal requirement and towing a trailer (auger) Exceeding 751kg without brakes is illegal & may void insurance if you were involved in an accident.

OPTIONAL HOPPERS & TRUCK SPOUTS



Slender design allows Auger to be placed under silo with the hopper attached to the auger. Also handy for unloading multiple trailers from rear chutes and locations where our standard hopper is too large. Long lasting UV stable polyethylene.

Available in 2 sizes (as per dual measurements above).



No need to reverse up to your auger again. Unload front trailer without unhooking your rear trailer. Easy setup, in most cases one tek screw and its ready to go. Easy no mess unloading. Best used with silo hopper for optimum performance

MAIN FEATURES OF VENNINGS SELF PROPELLED AUGERS

AUSTRALIAN MADE AUSTRALIAN OWNED

ALL SELF PROPELLED AUGERS COME STANDARD WITH THE FOLLOWING FEATURES

Hydraulic Lift, Hydraulic Ground Drive, Hydraulic Steer and mechanical auger drive for maximum efficiency.

9" Auger Tube is 2mm thick 10" Auger tube is 2.5mm thick and 11" Auger Tube is 3.0mm thick for increased strength and durability.

Heavy duty reversible gearbox in case of Auger jam and for ease of clean out.

Heavy duty RHS tracks and frames (not pipe) that are welded together not bolted for extra strength

Large 31x10.5R15 6 Ply Heavy Duty New road wheels and also on third drive wheel for better grip and a more positive drive that is easy to steer with the use of hydraulics.

10" Electric brakes are fitted to the road wheels with a self contained controller so you can tow it behind any vehicle fitted with a trailer plug. Maximum towing capacity on an Un-braked trailer behind any car or utility is 750kg, exceeding this is illegal and may void insurance if you were involved in an accident. All Vennings self propelled augers are over 1 ton, this is a national legal requirement.

A motion control valve has been added to the drive motor, providing a brake like function on the third wheel, allowing easier control and restricts the roll on/back.

Extra heavy 50mm axles and B class parallel bearings rated at 1600 kilograms / pair.

The third wheel with the drive on it lifts (with hydraulics) out of the way for transport meaning nothing needs to be disconnected for towing.

A flag at the top end of the auger.

All 42', 50' & 60' augers are fitted with an oversize sign, LED revolving light at the top of the auger and flags over the wheels. (not required on 35' augers as they are not oversize)

Auger tubes are one piece without flanges and joins in the flight. (Some of our auger tubes may be flared and welded)

Everything except the head plate and outlet is bolted to a Vennings auger. Replacing part or all of a damaged tube can be done easily by unbolting the clamps and re-bolting it to a new tube.

A heavy duty 5mm thick plate steel large pick up and a 5mm lead in flight so all exposed flighting is heavy duty for increased wear & efficiency

2 x L.E.D. 1200 lumen work lights, one at the top and one mounted near the gearbox.

Large 9 litre water fire extinguisher incase of fire.

Heavy duty drive shafts with re-grease able / non re-grease able bearings in housings not cheap flangelets. Bearings are exposed for safety, not hidden under covers. Visibility is important!

Cast Iron (steel) taper fit 3 belt drive pulleys.

Drive sprockets have flame hardened teeth for extra long life.

Large 23 litre fuel tank standard on all self propelled augers.

Easily detachable tow hitch so when not in use it won't damage the bottom of portable bin hoppers. Tow hitch mounts to the bottom frame when not in use, so it is always with the auger.

Detachable steel hopper with a trapdoor mounts to the bottom frame when not in use, so it is always with the auger. Poly hopper also available, but has been proven to be up to half a ton per minute less efficient than our steel hopper and can not be mounted to the auger for transport. We now have a new blue hopper that is more efficient than the black one.

Hydraulic counter balance valve on the main lift cylinder so the auger can be left at silos and it will not creep down.

A swiveling seat so you can sit on it and drive it around. Not walk along side it.

Short drive belts that won't rattle and flap as much and are cheaper to replace than longer belts.

The drive belts can be put in or out of gear from either side of the auger.

With Carlisle (were Dayco) Super 2 belts specifically designed to provide superior performance on the most brutal v belt drives. These belts will give a longer life, greater strength, better stretch resistance, better heat dissipation, than a conventional wrap belt

All motors come complete with Electric Start and include a large N70 Type of 4wd battery.

Emergency stop switches, weatherproof receptacle for storing of motor and auger operating instructions, primary and secondary guarding on the intake end of auger, Bolt on safety covers (clip on covers unfortunately do not meet the required safety requirements) and safety operating decals.

SELF PROPELLED SHAFT DRIVEN AUGER PRICES APRIL 2019

Features mechanically driven auger for maximum efficiency. Self Propelled with hydraulic raise, lower & steer for ease of operation and ease on the back. Simply sit on the seat and drive around. 9" Auger Capable of 20-24 bags - 2 ton per minute. 10" Auger Capable of 30-36 bags - 2 ½ to 3 ton per minute. 11" Auger Capable of in excess of 36 bags—3 ton per minute

SIZE	LIFT	ALL SUPPLIED WITH THREE BELT DRIVE AND THE FOLLOWING MOTOR / EXHAUST OPTION:	PRICE WITH NEW LIFT & NEW MOTOR DRIVE
35' X 9"	23' 6" (7.71 Metres)	With 27 H/P Vanguard, Raised Exhaust	\$20,460
		With 31 H/P Vanguard, Raised Exhaust	\$20,930
35' X 10"	23' 6" (7.71 Metres)	With 31 H/P Vanguard, Raised Exhaust	\$21,480
		With 35 H/P Vanguard, Raised Exhaust	\$21,990
35' X 11"	23' 6" (7.71 Metres)	With 31 H/P Vanguard, Raised Exhaust	\$22,290
		With 35 H/P Vanguard, Raised Exhaust	\$22,800
		With 37 H/P EFI Vanguard, Raised Exhaust	\$23,620
42' X 9"	30' (9.14 Metres)	With 27 H/P Vanguard, Raised Exhaust	\$21,950
		With 31 H/P Vanguard, Raised Exhaust	\$22,420
		With 35 H/P Vanguard, Raised Exhaust	\$22,930
42' X 10"	30' (9.14 Metres)	With 31 H/P Vanguard, Raised Exhaust	\$23,070
		With 35 H/P Vanguard, Raised Exhaust	\$23,580
42' X 11"	30' (9.14 Metres)	With 31 H/P Vanguard, Raised Exhaust	\$23,980
		With 35 H/P Vanguard, Raised Exhaust	\$24,490
		With 37 H/P EFI Vanguard, Raised Exhaust	\$25,310
50' X 9"	35' 4" (10.77 Metres)	With 27 H/P Vanguard, Raised Exhaust	\$23,230
		With 31 H/P Vanguard, Raised Exhaust	\$23,700
		With 35 H/P Vanguard, Raised Exhaust	\$24,210
50' X 10"	35' 4" (10.77 Metres)	With 31 H/P Vanguard, Raised Exhaust	\$24,450
		With 35 H/P Vanguard, Raised Exhaust	\$24,960
		With 37 H/P EFI Vanguard, Raised Exhaust	\$25,780
50' X 11"	35' 4" (10.77 Metres)	With 35 H/P Vanguard, Raised Exhaust	\$25,990
		With 37 H/P EFI Vanguard, Raised Exhaust	\$26,810
60' X 10"	39' 8" (12.09 Metres)	With 35 H/P Vanguard, Raised Exhaust	\$28,310
		With 37 H/P EFI Vanguard, Raised Exhaust	\$29,130
60' X 11"	39' 8" (12.09 Metres)	With 37 H/P EFI Vanguard, Raised Exhaust	\$30,420

**ALL PRICES
INCLUDE GST**

**ON FARM DELIVERY
CAN BE ARRANGED**

OPTIONS SUIT SELF PROPELLED AUGERS APRIL 2019

Adjustable Discharge Spout	\$500	Service Kit transmission & Motor Spare Parts Kit	\$350
With 12 volt electric switch activated ram		Mudguards without lights	\$200
Waterproof 7" LCD Monitor & Camera	\$400	Mudguards & Brake/Turning/Tail LED Lights	\$300
Drop Spouts	Small Suit 9"	Large Suit 10&11"	New Collapsible hopper with steel bottom & canvas collapsible top allows easy fitting under low silos
3 Section	\$120	\$100	Collapsible Hopper chain adjustable instead of standard
5 Section	\$150	\$160	Collapsible Hopper winch adjustable instead of standard
7 Section	\$210	\$220	Collapsible Hopper chain adjustable outright purchase
Bean Flight Reduces capacity on cereals by 2-3 bags/min			Collapsible Hopper winch adjustable outright purchase
Recommend next size motor up on auger if bean flight fitted			Blue Polyethylene Silo Hopper with rubber top & 2 straps no safety mesh allows easy fitting under low silos
			Black Flexible hopper with Straps no mesh

Auger Length	9" Auger \$5 / Foot	10" & 11" Auger \$6 / Foot
35'	\$175	\$210
42'	\$210	\$252
50'	\$250	\$300
60'	\$300	\$360

ALL PRICES INCLUDE GST
& EXCLUDE FREIGHT & INSURANCE IF APPLICABLE



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Vennings Collapsible Auger Hopper



Collapsible hopper in lowered position 420mm from bottom of hopper to top of canvas



Hopper in raised position maximum height of 820mm from bottom of hopper to top of canvas



Fitted with removable safety mesh



Cleanout trapdoor on bottom of hopper



Optional winch adjustable allows the hopper to be raised & lowered without climbing under silo



Hopper in raised position with wire rope & pulleys.



Winch and wire rope in transport position. Winch and Hopper have two separate ropes



Hopper collapsed ready for transport wire rope holds the hopper down.



Winch adjustable collapsible hopper in raised position.
Simply wind the winch to collapse the hopper into its lowered position



Winch adjustable collapsible hopper in lowered position

Vennings new collapsible detachable grain hopper attached and detaches in seconds. It can be used in any height between 420 & 820mm by adjusting the chain & hook or winding the winch.

The hopper is fitted with a steel base with safety mesh and a cleanout trapdoor is fitted to the bottom of the hopper. The top material is made from taut-liner 900gsm heavy duty canvas

Available to suit Vennings 7", 9", 10" & 11" Augers

ALL PRICES INCLUDE GST

	Chain Adjust.	Winch Adjust.
Collapsible Hopper instead of standard with purchase of new 7-11" Auger	\$370	\$540
Collapsible Hopper outright purchase	\$650	\$820



Manufactured & Distributed

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