



## Operators Manual

# Self-Propelled Bunker Auger

15 Inch Model with Volvo Diesel Engine



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## 1. Introduction

Thank you for purchasing a Grainline Bunker Auger. Every effort has been made to provide you with a reliable auger, specifically designed to complement and improve your grain handling operation.

Please read this manual thoroughly before operating the Bunker auger. The information included in this manual is crucial for proper installation, operation, and maintenance.

All information in this publication is based on the latest product information available at the time of printing. Grainline is continually improving the design and performance of their products. They reserve the right to make any changes at any time without notice and without incurring any obligation. No part of this publication may be reproduced without written permission.

### 1.1 Serial Number Location

The serial number location for your Bunker auger is shown in the figure below. Please have the serial and model number ready when ordering parts, requesting service or other information. Record your auger details below for easy reference.

#### Your Auger Details:

Model:	G	B	A	1	5			Serial Number:			-					
--------	---	---	---	---	---	--	--	----------------	--	--	---	--	--	--	--	--



#### Disclaimer

Grainline, their employees, distributors, and agents cannot be held responsible for any faulty electrical parts, installation, connections, insulation, leads, plugs, wiring or any other part used for the operation of the grain auger. Full responsibility rests solely and completely on the end user for the correct and legal installation thereof. Intended use of the auger, handling grain, pulse crops, treated seeds or similar materials. Use in any other way is considered as contrary to the intended use and is not covered by warranty.



### 1.3 Grainline Warranty Registration

Please ensure that you complete the warranty registration for your Bunker Auger as directed below. This will ensure that your details as the owner are accurate and allow a faster response time to any issues that may arise.

To complete your warranty registration please scan the  
QR code or go to:

[www.grainline.com.au/warranty-registration](http://www.grainline.com.au/warranty-registration)



### 1.4 Grainline Warranty Conditions

Limited 1 year warranty

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#### What this warranty will cover.

- Grainline will, at its own discretion, repair or replace without charge any part of our products which may be found defective in material and/or workmanship within 12 months of the original purchase date.
- At Grainline's request the customer will make the defective part available for inspection by Grainline so that the cause of the faulty / defective part can be identified for accurate repair.
- It is the owner's responsibility to transport defective parts and/or units to their local service dealer who can negotiate a call-out fee at the owner's expense.
- A warranty form must be completed and sent to Grainline and authorisation is needed before a service dealer is able to commence any repairs on Grainline products.

#### What this warranty will not cover.

- Defects caused by depreciation or damage caused by normal wear, accidents, improper maintenance, improper use and abuse of the product, alterations, or failure to follow the instructions contained in the owner's manual for operation and maintenance.
- Transport cost for making Grainline products available for inspection and/or repair to and from the place where the warranty work is performed.

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#### How to obtain service under this warranty.

Warranty service can be arranged by contacting either your Grainline Dealer or Grainline direct on 1800 810 498. Please have the auger model and serial number available as this will be required by the service technician.

## 2. Safety Information

The owner is responsible for the safe operation and maintenance of this equipment. Please note that information of special importance has been highlighted in this manual using the below signal words.

### 2.1 Hazard Labels

#### **DANGER**

Indicates an imminently hazardous situation that, if not avoided, will result in serious injury or death.

#### **WARNING**

Indicates a hazardous situation that, if not avoided, could result in serious injury or death.

#### **CAUTION**

Indicates a hazardous situation that, if not avoided may result in minor or moderate injury.

#### **NOTICE**

Indicates a potentially hazardous situation that, if not avoided, may result in property damage

### 2.2 General Safety

Manufacturers, retailers, owners, and operators all have responsibilities with regards to safety. Be aware of your responsibilities and carry them out. The owner or designated officer is responsible for the safe operation and maintenance of this equipment. All operators must have read the instructions in this manual before operating the machine. Untrained operators can cause injury or death.

#### **A Qualified Operator:**

- Does not use drugs or alcohol which will impair alertness or coordination. An operator who is taking prescription drugs must seek medical advice to determine if they can safely operate a machine and the equipment.
- Has completed training including a demonstration and verbal instruction by the owner/manager prior to operation.
- Initially operates the auger in an area without bystanders and uses all the controls until they can operate the machine safely under all working conditions.
- Understands all written instructions, rules, and regulations.
- Wears close fitting clothing, including safety glasses and hearing protection.
- Does not modify the equipment in any way. Unauthorized modification may impair the function or safety and could affect the life of the machine.
- Does not complete any adjustments or repairs on the equipment while the machine is running.

### 2.3 Operation Safety

- The Auger is only to be used in low wind conditions. If the wind speed is to exceed 45km/h the auger must be tied down with ramps lowered.
- Maintain a 20m exclusion around the machine while the truck is unloading and when in storage. A temporary barrier fence may be required. Two trained operators' may be in this area. Training is to include reading and signing of a Safe Work Method Statement.
- The machine is only to operate on a well compacted gravel hard stand with an allowable bearing capacity of 150kPa.
- The truck is to remain on the hopper until the auger is completely empty.

In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness and correct training of personnel involved in the operation, transport, maintenance, and storage of equipment.

The most important part of safe operation is a safety conscious operator who always:

- Reads and follows the instructions in this manual.
- Follows all safety signs/decals on machine and replaces damaged or missing signs/decals.
- Keeps children away from the bunker auger work area.
- Stays clear of overhead powerlines. Electrocutation can occur without direct contact.
- Ensures all unauthorized personal are clear of the area before operating.
- Lowers the hydraulic ramps and raises the hydraulic transport wheels, ensuring that the Auger base is supported on level ground before operating.
- Stands clear of the ramps when raising and lowering.
- Makes sure all shields and guards are in correct position before operating and replaces them if damaged.
- Wears appropriate PPE. Safety glasses are to be worn when fluids are under pressure, there is flying debris or loose material, engine is running or when tools are being used.

## **2.4 Transportation**

The Grainline Bunker Auger has been designed so it can be easily transported between bunkers or into a storage location. When transporting the Bunker Auger the following steps must be completed.

- Empty Bunker Auger before moving to prevent machine damage.
- Inflate transport tyres to recommended pressure.
- Always install transport locks, pins, or brackets before transporting.
- Lock hydraulic valve bank.
- The bunker must only be driven on a compact, smooth, and level surface.
- Take extreme caution when manoeuvring around tight corners not to entangle the end of the Auger on trees, silo's, buildings, powerlines etc.
- Never allow riders on the machine or equipment, falling off can result in serious injury or death.

## **2.5 Fire Prevention**

- The primary source of high temperature is the engine, exhaust system, electrical system and if damaged or incorrectly maintained can be a source of arcs or sparks.
- Flammable debris (leaves, straw, etc) must be removed regularly. If flammable debris accumulates, it can cause a fire hazard, clean often to avoid this accumulation. Flammable debris in the engine compartment is a potential fire hazard.
- The operator's area, engine compartment and engine cooling system must be inspected every day, cleaned if necessary, to prevent fire hazards and overheating.
- Check all electrical wiring and connections for damage, keep the battery terminals clean and tight. Repair or replace any damaged part or wires that are loose or frayed.
- Stop engine and allow to cool down before adding fuel, No Smoking! Do not refuel a machine near open flames or sparks, fill the tank in well-ventilated areas.
- Check all the items listed on the service schedule.
- Do not use the machine where exhaust, arcs, sparks, or hot components can contact flammable material, explosive dust or gases.
- Check hydraulic hoses and fittings for damage or leakage, never use open flame or bare skin to check for leaks.
- Know where fire extinguisher is located and know how to use it, inspect the fire extinguisher and service the fire extinguisher regularly. Obey the recommendations on the instructions plate.

## 2.6 Intended Use

The Grainline Bunker Auger has been designed and manufactured, to assist in the safe and effective transfer of various grain types. Use of the auger in any other way is considered as misuse and is not covered by the warranty.

## 2.7 Correct Usage

The Grainline auger must be used in accordance with the safety instructions contained within this manual. Only competent personnel who have received proper training and are familiar with the machine should operate and perform any service work on the auger. When the auger is being used hearing protection must be worn, and it is the owner's responsibility to provide the appropriate hearing protection to all others involved in the operation of the auger. When the auger is not in use, it must be immobilized – i.e., turned off and key removed from the ignition. Please note, where guards and safety features are removed in this manual it is for illustration purposes only.

## 2.8 Incorrect Usage

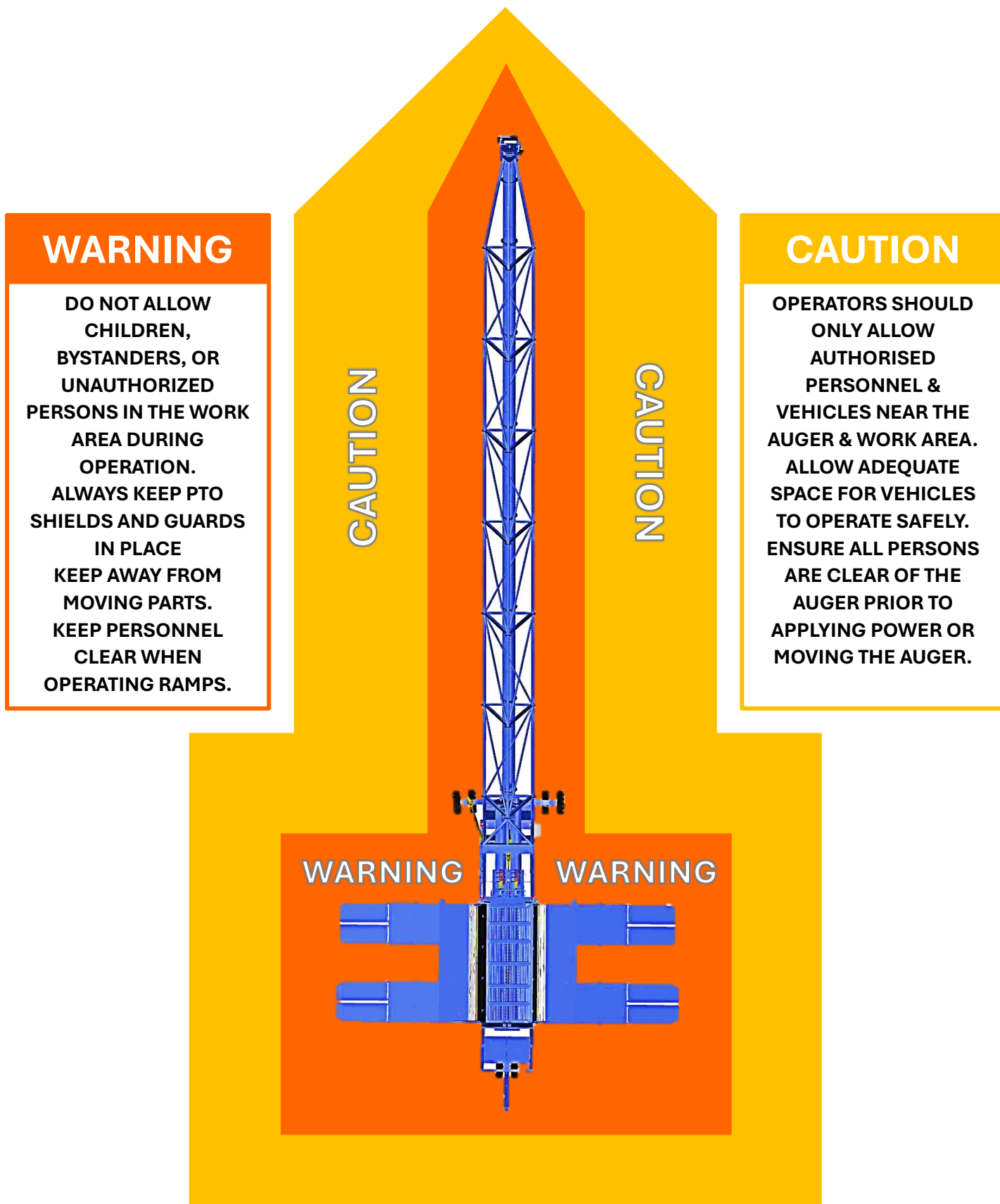
The Grainline auger must not be used for anything other than the intended purpose set out by Grainline.

Incorrect use of the auger includes:

- Using the auger as a hoist or crane.
- Using the auger to transfer grains or materials other than dry, free-flowing food grains.



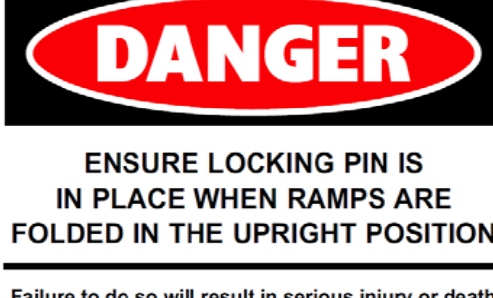


**WARNING:** Any modification to the Grainline auger without the approval of Grainline will void all warranty and could result in death or serious injury.






## 2.9 Operating Safety Zones







## 2.10 Safety Decals

Samples of the safety decals here are those used on the Grainline Bunker augers.

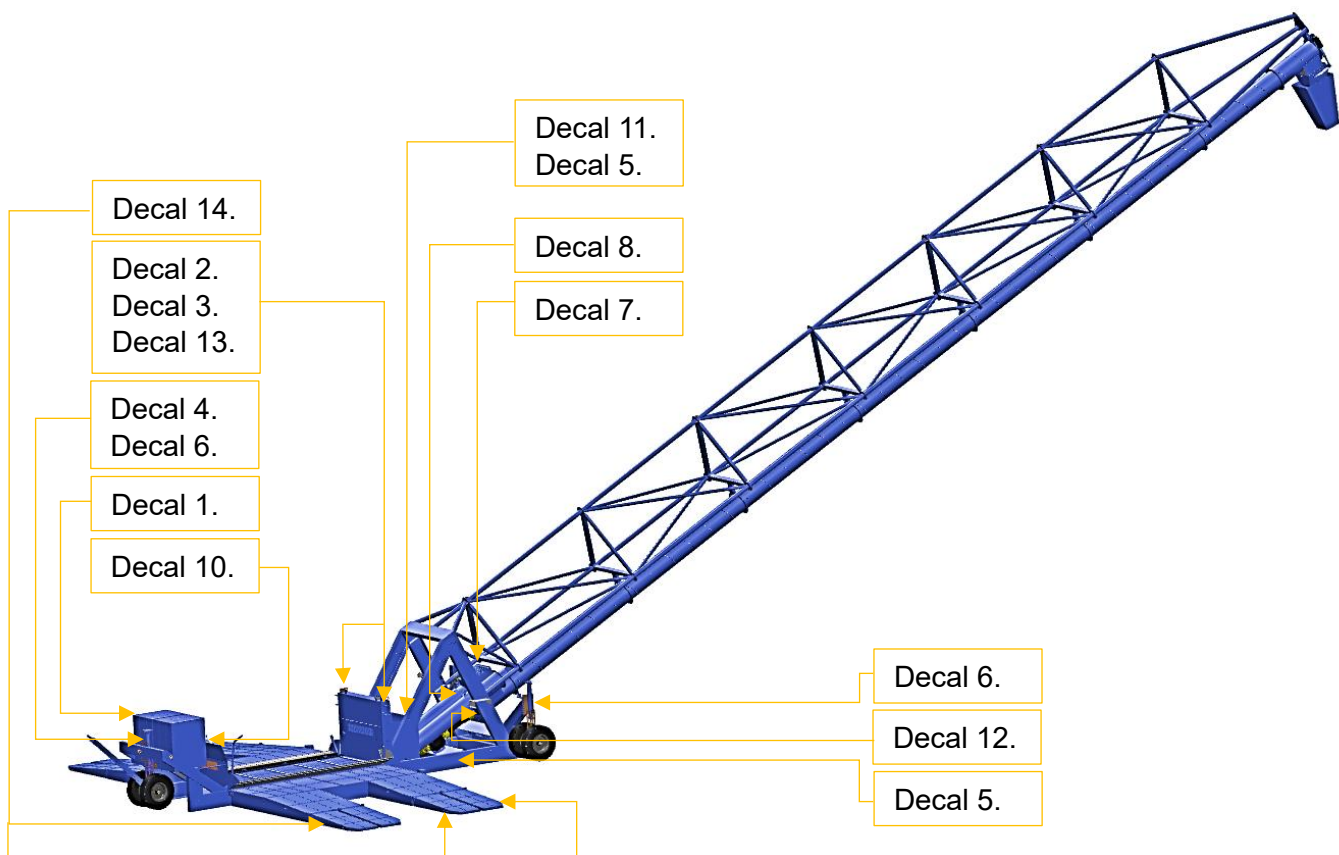
Decal No.	Decal Description	Decal Detail
Decal 1.	<ul style="list-style-type: none"> <li>- UPENDING HAZARD</li> <li>- WEIGHT MUST NOT BE REMOVED UNLESS THE AUGER BARREL HAS BEEN DISASSEMBLED</li> </ul>	
Decal 2.	<ul style="list-style-type: none"> <li>- KEEP CLEAR</li> <li>- BYSTANDERS MUST BE AT LEAST 6 METRES CLEAR OF RAMPS WHEN THEY ARE BEING FOLDED</li> </ul>	
Decal 3.	<ul style="list-style-type: none"> <li>- ENSURE LOCKING PIN IS IN PLACE WHEN RAMPS ARE FOLDED IN THE UPRIGHT POSITION</li> </ul>	
Decal 4.	<ul style="list-style-type: none"> <li>- MUST NOT EXCEED 5KM/H WHEN TOWING</li> <li>- KEEP AWAY FROM OVERHEAD POWERLINES</li> </ul>	
Decal 5.	<ul style="list-style-type: none"> <li>- PINCH POINT</li> </ul>	

<p><b>Decal 6.</b></p>	<ul style="list-style-type: none"> <li>- RAISE WHEELS BEFORE USE</li> <li>- DO NOT OPERATE WITH WHEELS IN TRANSPORT POSITION</li> </ul>	
<p><b>Decal 7.</b></p>	<ul style="list-style-type: none"> <li>- DO NOT OPERATE EQUIPMENT WHEN HOPPER LID IS OPEN</li> </ul>	
<p><b>Decal 8.</b></p>	<ul style="list-style-type: none"> <li>- ENSURE VALVES ARE CLOSED AND HYDRAULIC PRESSURE IS NEUTRALISED BEFORE DISCONNECTING FROM TRACTOR</li> </ul>	
<p><b>Decal 9.</b></p>	<ul style="list-style-type: none"> <li>- DO NOT OPERATE THIS EQUIPMENT UNTIL SAFETY GUARD IS FITTED</li> </ul>	
<p><b>Decal 10.</b></p>	<ul style="list-style-type: none"> <li>- ENSURE DRIVE CHAIN IS OILED DAILY</li> </ul>	

<p><b>Decal 11.</b></p>	<ul style="list-style-type: none"> <li>- ENSURE UNIVERSAL JOINTS ARE GREASED DAILY</li> </ul>	 <p><b>NOTICE</b></p> <p><b>ENSURE UNIVERSAL JOINTS ARE GREASED DAILY</b></p> <hr/> <p>Failure to do so will void warranty</p>
<p><b>Decal 12.</b></p>	<ul style="list-style-type: none"> <li>- GREASE DAILY</li> </ul>	 <p><b>NOTICE</b></p> <p><b>GREASE DAILY</b></p>
<p><b>Decal 13.</b></p>	<ul style="list-style-type: none"> <li>- WHEN IN USE ENSURE RAMPS ARE FULLY LOWERED AND IN COMPLETE CONTACT WITH GROUND BEFORE USE</li> </ul>	 <p><b>NOTICE</b></p> <p><b>WHEN IN USE</b></p> <hr/> <p>Ensure ramps are fully lowered and in complete contact with ground before use</p> <hr/> <p>Failure to do so will result in serious injury or death</p>
<p><b>Decal 14.</b></p>	<ul style="list-style-type: none"> <li>- HEAVY – MECHANICAL LIFT ONLY</li> </ul>	 <p><b>CAUTION</b></p> <p><b>HEAVY</b></p> <hr/> <p><b>MECHANICAL LIFT ONLY</b></p> <hr/> <p>Failure to do so will cause serious injury</p>

**WARNING:** Regularly read all safety decals that appear on your Grainline auger and replace them if damaged. Failure to do so could result in serious injury or death.

## 2.11 Diagram of Decal Placement



## 3. Operation

### 3.1 Pre-Operation

The following pre-operation checklist must be completed every time the Bunker Auger is used.

#### Safe Operating Procedure:

- Ensure that the engine is turned off and isolated and make sure all rotating components are completely stopped before adjusting or cleaning any components.
  - Always keep shields and all guards in place when using the bunker auger.
  - Keep hands, feet, clothing, and long hair away from any rotating shafts.
1. Lubricate the equipment per the schedule outline in the Maintenance Section.
  2. Check tyre pressure and inflate per manufacturer's specification.
  3. Check wheel nuts for tightness.
  4. Check that all bearings turn freely, replace as required.
  5. Make sure all guards and shields are in place, secured and functioning as designed.
  6. Check conditions of all hydraulic components for leaks, repair as required.
  7. Check gearbox oil level, fill as required.

**WARNING:** High pressure fluid hazard. Leaking fluids under pressure can enter the skin and cause serious injury or death. Wear eye safety goggles and do not use hands to check for leaks. Do not operate with hydraulic leaks.

### 3.2 Break-In Phase

The Bunker Auger must have a break-in period for all operating conditions. The tube and flighting must get a polished surface through use. Once the new Bunker Auger has a polished surface it will run smoothly at the recommended speed.

During the break-in-period:

1. Run the engine at a slow idle until grain begins to flow from the discharge end, for the first approximately 15 Tonnes, operate at a slow speed and restrict the flow of grain through the Hopper.
2. Gradually increase the engine RPM until operating at maximum speed.

**NOTICE:** Running the auger empty for extended periods of time will result in excessive wear to the barrel and flighting.

### 3.3 Bunker Auger Operation

1. Remove transport safety locking pins from access ramps. There is one locking pin per access ramp.



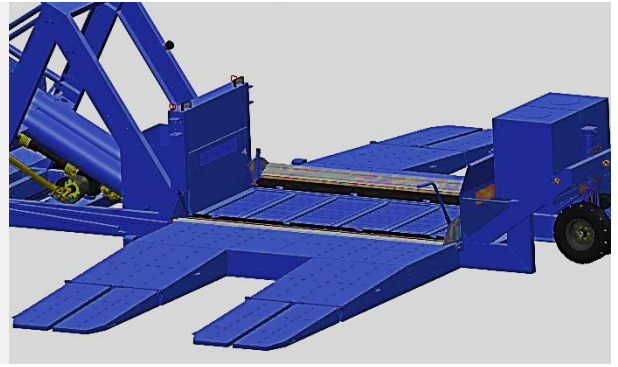
2. Ensure hydraulic valve block taps are turned on before operating the axle height or access ramp adjustment.



3. Start the engine and using the axle height adjustment, lower the Bunker Auger base on to a level surface. Ensure all three axles are completely retracted.



- Using the hydraulic controls, lower the ramps until resting on the ground then manually fold out ramp extensions.



- Allow the unloading vehicle to move into position, raise the anti-spill gates into position and secure handles. For best results unload grain into the centre of hopper.



- With engine running at a low idle, engage the flighting then increase engine RPM.
- Adjust chute or tail gate accordingly to prevent overflowing of the intake hopper.
- When the unloading vehicle is empty, lower the engine RPM until no more material is being discharged from auger outlet and disengage the flighting.
- Lower anti-spill gates, if there are more unloading vehicles repeat previous steps, otherwise switch off engine.

**WARNING:** Remain at a safe distance from any moving or unloading vehicles. Do not stand under or beside access ramps when removing locking pins.

### 3.4 Actuated Spout & Work Lights Operation

#### Work Lights

The auger is fitted with LED work lights to illuminate the work area. There are lights to illuminate the control box, hopper and barrel. Each set of lights have individual toggle switches on the control box.

- Identify work light locations and move all light switches to on position to ensure working.



## Actuated Spout

The outlet spout is fully adjustable to allow the operator to direct grain precisely onto the bunker stack. This enables you to maximise the storage capacity of the bunker stack.

2. Use the toggle switch on the bottom left side of the control box to adjust throw and the bottom right side switch to control sideways flow.



## 3.5 Operation Movement

### Safe Operating Procedure:

- Do not operate this unit before reading and understanding the Operator's Manual.
- Make sure everyone is clear of the equipment before applying power or moving the machine.
- Make sure Bunker Auger is empty before attempting to move.
- Keep Bunker Auger Wheels on level and firm ground.

**DANGER:** Be aware of overhead powerlines. Keep away from powerlines when transporting as electrocution can occur without direct contact.

### Moving auger alongside of bunker stack

1. Ensure all three wheels are running parallel with the side of the bunker stack and lock into position with locking pins.



2. Using the hydraulic controls raise the ramps approximately 400mm off the ground.



3. Using the hydraulic controls raise the Bunker base to its maximum height.



4. Move the Bunker Auger into position, and lower base and ramps down onto the ground using the hydraulic controls. Note: Ensure the surface area is level and all three axles are fully retracted.



### 3.6 Transport Format

1. Manually fold in all ramp extensions then using hydraulic controls fold ramps to vertical position for transport.



2. Insert transport safety locking pins and secure with attached lynch pin.



**WARNING:** All bi-folding ramps must be folded in prior to the main ramps being lifted past an angle of 30 degrees. Remain clear of the ramps when inserting transport locking pins.

3. Unlock quick release pins and turn wheels until parallel with auger.



4. Turn off hydraulic taps to lock out hydraulic system.



**DANGER:** To prevent serious injury or death from electrocution, be aware of overhead powerlines and keep away from powerlines when transporting. Electrocution can occur without direct contact.

### 3.7 Storage

#### Long term storage

1. Using the hydraulic controls, lower the Bunker Auger base onto a level surface and ensure wheels are completely retracted.



2. Remove ramp safety pins and using the hydraulic controls, lower the ramps until flat on the ground.



3. Turn off hydraulic taps.



### Storage Checklist

1. Ensure auger is thoroughly cleaned and all residual grain/debris is removed from hopper.
2. Lubricate all drives and grease points.
3. Inspect auger for damage and signs of wear. Conduct repairs or replace parts as necessary.
4. Check all fasteners and pins.
5. Ensure all guards are in place and safety decals are readable. Replace if necessary.
6. Ensure base and ramps are flat on the ground and wheels are fully retracted.

## 4. Lubrication and Maintenance

### 4.1 Inspections

The machine should be inspected on a 12-monthly basis by a trained professional. During this inspection the following should be completed.

1. Bolts should be retightened.
2. Inspect welds.
3. Inspect plates.
4. Inspect members.
5. Careful checking should pay particular attention to any signs of fatigue or over stressing.

### 4.2 Maintenance Intervals

Maintenance work must be done at regular intervals. Failure to do so will result in excessive wear and premature failure of equipment.

#### Safe operating Procedure

1. Stop engine, remove key from ignition and wait for all moving parts to stop before servicing, adjusting, and repairing the machine.
2. Wear appropriate safety gear.
3. Use tools, jacks and lifting equipment with appropriate capacity.
4. Relieve Hydraulic pressure on hydraulic system before repairing or adjusting.
5. Replace and secure all shields and guards removed during servicing before operating equipment.

**CAUTION:** Operating instructions must be read before operating or servicing equipment. Read and understand this operator's manual including safety decals on equipment. Follow warnings and instructions in the manuals when completing repairs, adjustments, or servicing. Check for correct function after adjustments, repairs, or service. Untrained operators and failure to follow instructions can cause injury or death.

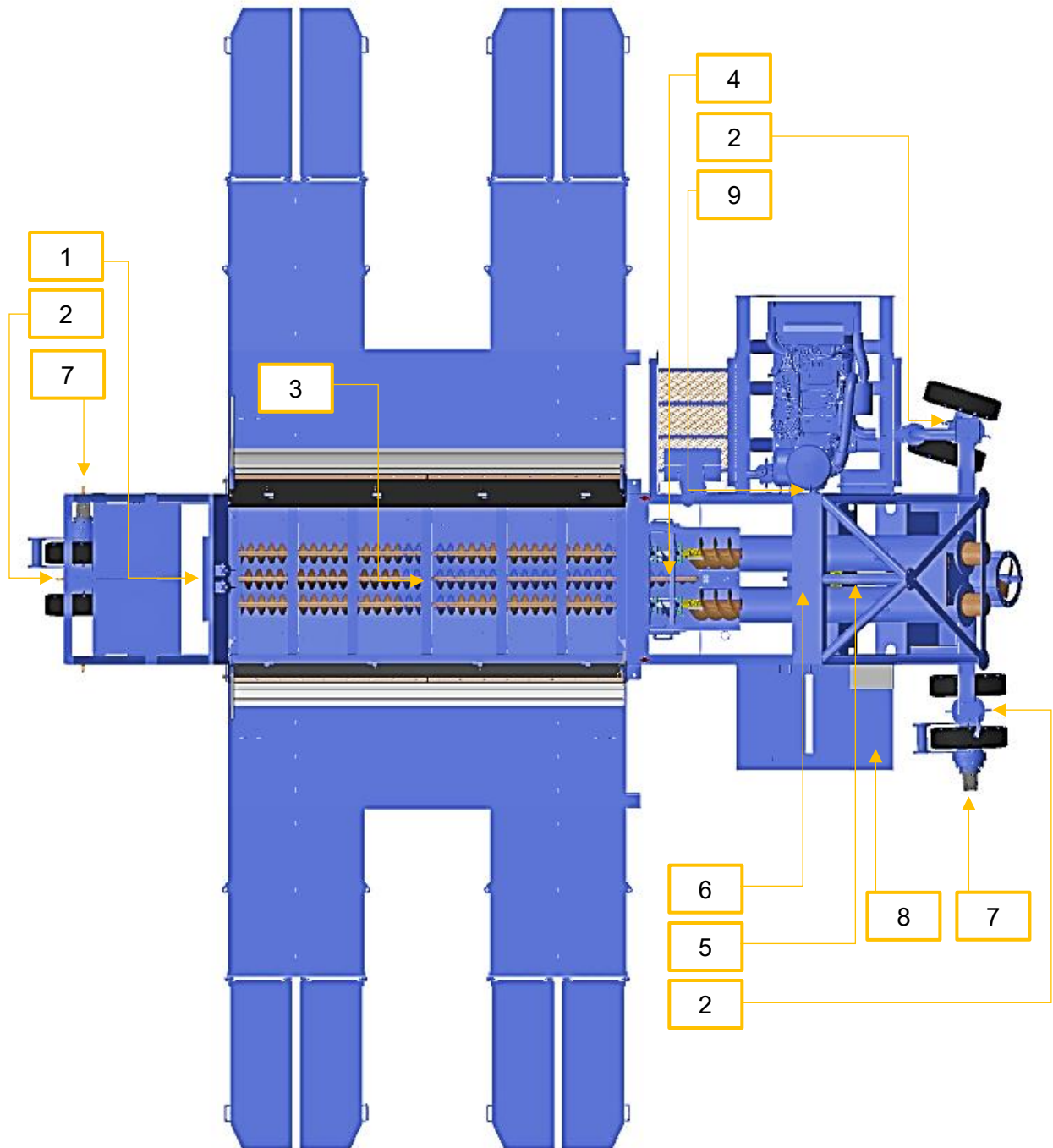
### 4.3 Service Schedule & Maintenance Intervals

Description	Check	Lube	Change
<b>Daily Maintenance or Every 8 Hours</b>			
Universal Joints	✓	✓	
Greaseless Bearings	✓		
PTO Driveline		✓	
Intake Hopper Drive Chains		✓	
<b>Weekly or Every 50 Hours</b>			
Gearbox Oil Level	✓		
Wheel Nut Tension	✓		
Intake Hopper Drive Chains & Tension Rollers	✓		
Intake Hopper & Cross Flight Bearings	✓		
Dual Auger Transfer Bearings	✓		
Planetary Reduction Gear Drives	✓		
<b>Annually or Every 500 Hours</b>			
Gearbox Oil (12.5 litres – LA 490)			✓
Hydraulic Fluid Tank Top Filters			✓




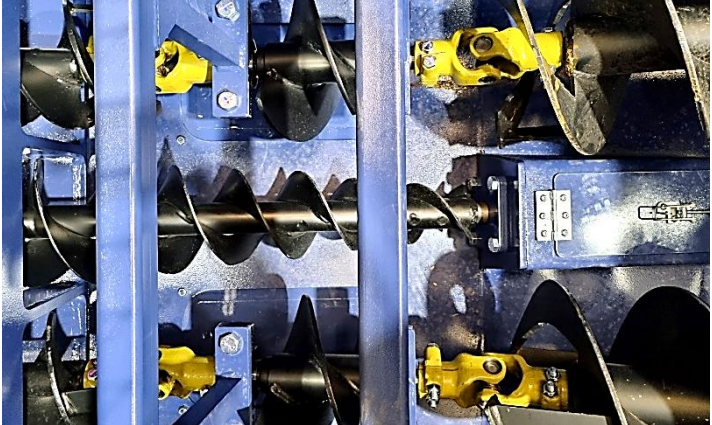
### 4.4 Lubrication

- Always use a good quality multi-purpose or lithium-based grease when lubricating the equipment.
- Always use a hand-held grease gun.
- Clean grease points before greasing, to avoid injecting dirt and grit.
- Replace and repair broken grease points immediately.
- If grease points will not take grease, remove, and clean thoroughly. Replace if necessary.

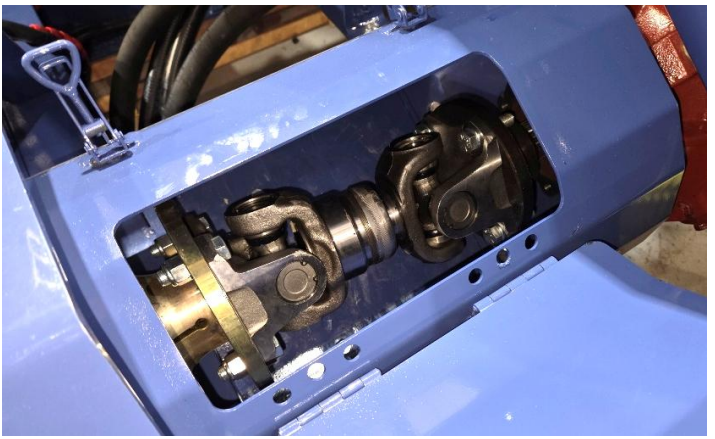
## 4.5 Maintenance Point Locations



#### 4.6 Maintenance Point Descriptions

Location	Description	Image
1	Drive chain and chain tensioner rollers. Check every 50 hours for excessive wear and ensure free movement.	
2	Wheel turn tables & wheel nuts. Check wheel nut tension every 50 hours & grease turn tables	
3	Centre hopper hanger bearing bushes. Check every 50 hours.	
4	Transfer box universal joints. Check every 50 hours.	

<p>5</p>	<p>PTO shaft universal joints. Grease every 50 hours.</p>	
<p>6</p>	<p>Gearbox. Check oil level every 50 hours. Gearbox takes 12.5 litres of LA 490 gear oil.</p>	
<p>7</p>	<p>Planetary Reduction Gear Drives. Use 1.4 litres syn-gear industrial 2/20 gear oil. Refer separate manual for oil alternatives and specifications.</p>	
<p>8</p>	<p>Hydraulic Oil Reservoir. Use 350 litres of 68 or 46 grade hydraulic fluid. Check filter condition indicators located on tank top filters. Replace/clean filters when indicators start to reach end of green zone or 1 bar of pressure.</p>	





9	Engine drive shaft. Grease universal joints every 8 hours and check daily.	
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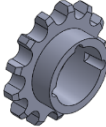


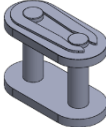
#### 4.7 Troubleshooting

Problem	Cause	Correction
<b>Unable start auger</b>	Plugged auger or obstruction	Shutdown engine & remove obstruction.
	Bearing failure	Check bearings and replace as required.
	Broken drive chain	Check hopper drive chain & replace if required.
	Slipped or faulty clutch	Allow to cool & replace if required.
	Sheared pin or bolt	Check shear pins and flighting bolts. Replace if required.
	Seized or faulty gearbox	Check gearbox and replace if required.
<b>Grain flow too fast</b>	Discharge gate/s open too far	Close gate/s to reduce grain flow to hopper.
<b>Grain flow too slow</b>	Discharge gate/s not open enough	Open gate/s to increase grain flow to hopper.
	Engine RPM set too low	Increase engine RPM
<b>Hydraulic ramps or jacks not functioning.</b>	Control valve taps not turned to open position	Turn valve taps to open position
<b>Hydraulic lift jacks unable to hopper to maximum height.</b>	Low hydraulic oil level	Fill reservoir with hydraulic oil
	Faulty hydraulic pump	Contact Grainline

#### 4.8 Recommended Spare Parts Holdings & Quantities Guide

Description	Qty	Part Preview
10MM X 8MM KEY 60MM LONG	1	
10MM X 8MM KEY 100MM LONG	1	
B6101 ANTI SPILL GATE HANDLE PIN	2	
CHAIN TENSIONER TORSION SPRING	1	
RUBBER WASHER FOR TRANSFER BEARING SHIELD	4	
6202 CHAIN ROLLER BEARING	4	
CHAIN ROLLER	2	
35MM HANGTUFF INSERT BUSH	2	
A622 6 SERIES UNI CROSS	1	

A824 8 SERIES UNI CROSS	1	
UC206-LP99 SEALED 30MM BEARING	4	
P206 PILLAR BEARING HOUSING	4	
UC207-LP99 SEALED 35MM BEARING	2	
F207 FLANGE BEARING HOUSING	2	
FUC208-108/LP03 SEALED 40MM BEARING	1	
F208 FLANGE BEARING HOUSING	1	
UC212-LP99 60MM BEARING	1	
F212 FLANGE BEARING HOUSING	1	
TRANSFER BOX UNI JOINT	2	

1610 35MM TAPER LOCK BUSH	2	
16B 13 TOOTH SIMPLEX SPROCKET	1	
16B 15 TOOTH SIMPLEX SPROCKET	1	
16B 15 LINK SIMPLEX CHAIN	2	
16B SIMPLEX CONNECTOR LINK	2	
M8 X 20 BOLT	3	
M10 X 65 BOLT	6	
M10 X 75 BOLT	6	
M12 X 65 BOLT	4	
M14 X 140 BOLT	4	
M8 SPRING WASHER	3	
M8 FLAT WASHER	6	
M12 SPRING WASHER	4	
M10 NYLOC NUT	12	
M12 PLAIN NUT	4	
M14 NYLOC NUT	4	
5L CHAIN OIL	1	

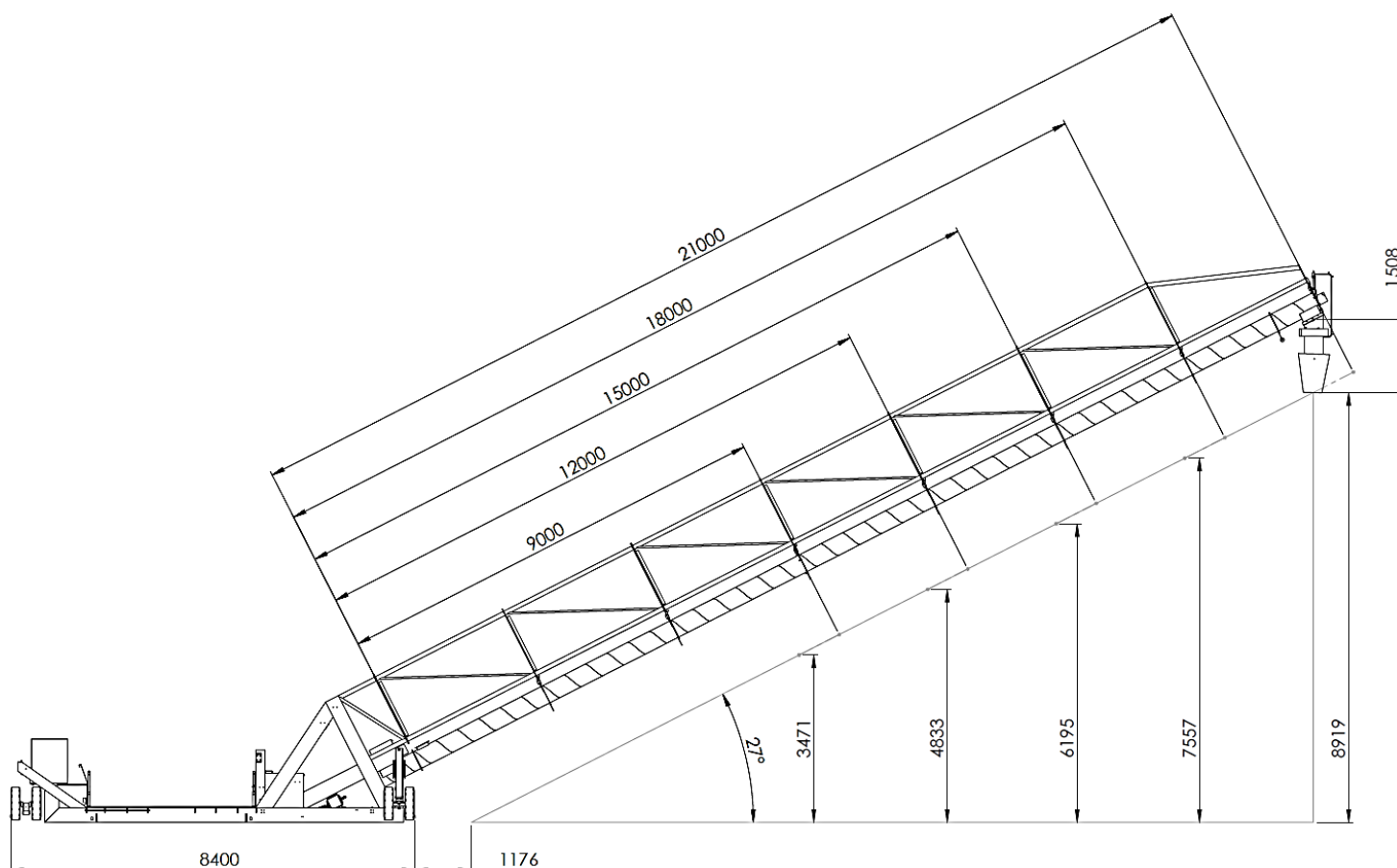
For assistance with parts identification and to order replacement parts contact Grainline on **1800 810 498** or Grainline Bunker Auger Technical Service on **0456 651 284**. Please have the model and serial number of your machine available. Refer page 3 of this manual for serial number location.

## 5. Specifications

### 5.1 15 inch Bunker Auger Specifications

<b>Product Code</b>	GBA1575SP
<b>Auger Size</b>	15 inch diameter with 21 metre long barrel
<b>Engine</b>	160 kW Volvo Penta Diesel Engine
<b>Flight Operating Speed</b>	540 RPM
<b>Hopper Dimensions</b>	3.5m x 1.5m x 300mm Low profile triple flighted hopper
<b>Hopper Flight</b>	3 x 184mm x 184mm
<b>Transfer Flight</b>	2 x 280mm x 280mm x 4.8mm & Wear Points have 6mm Segmented Flighting
<b>Auger Capacity</b>	Approximately 360 tonne/hour based on wheat
<b>Ramps</b>	4.2m x 3.5m with Hydraulic folding & bi-folding extensions
<b>Auger Tube</b>	15 inch (380mm) x 3mm wall
<b>Auger Flighting</b>	355mm x 355mm x 4.8mm welded to 80nb (88.9mm) bore centre pipe
<b>Finish</b>	2 Pac polyurethane paint with powder coated ramps
<b>Operating Angle</b>	27 degrees
<b>Warranty</b>	12 months

### 5.2 Barrel Dimensions & Reach Heights







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