AG Dispenser

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Product Manual and Specifications

AG 150/175/200

To effect the correct application of the safety requirements stated in the EEC Directives and the British Standards, the following standards and/ or technical specification have been used.

- **BS 3733:1974 -** Specification for V-belt drives for agricultural purposes
- **BS EN ISO 4254-1:2005** - Agricultural machinery - Safety and General Requirements.
- **BS ISO14269-1:1997 -**Tractors and self-propelled machines for agriculture Operator enclosure environment.
- **BS EN 292-1:1991** - Safety of machinery and the Basic concepts and general principles for design - Basic terminology, methodology.
- **BS EN 292-2:1991** - Safety of machinery - Basic concepts, general principles for design- Technical principles and specifications.
- **BS EN 294:1992** - Safety of machinery - Safety distances to prevent danger zones being reached by the upper limbs.
- **BS 5401:1990** - Guide to information content and presentation of operators' manuals provided for tractors and machinery for agriculture and forestry.

Serial number_____

Date _____

Issue no 2 -8/12/08

Part no – MC9-17

AG Dispenser

IMPORTANT: -	This check list should be used in conjunction with the operators manual. Before starting, removing any parts packed, read the operators manual.

PRE – DELIVERY LIST, TO BE COMPLETED BY THE MANUFACTURER AND DEALER MANUFACTURER P-D-I

1	Signs and safety stickers fitted	
2	Overall machine in good condition (i.e. free from rust and burrs)	
3	Serial plate on frame and serial plate fitted	
4	All guards fitted correctly and bolted down	
5	Conveyor undamaged	
6	Side skirts undamaged	
7	Sufficient tension in the conveyor belt	
8	Sufficient tension in the vee belts to the conveyor	
9	Conveyer bed bolts tight	
10	Hydraulic pipes fitted correctly	
11	Safety manual attached	
12	Side skirt retainers removed	
13	Brackets or tilt (where applicable) fitted correctly	
14	Auger bearing in place and bolts tight	

Manufacturer P-D-I officer_____ Date _____

DELIVERY INSPECTION (DEALER)

1	Machine delivered without transport damage	
2	Ensure all pictograms are in place	
3	Machine delivered as per specification by the dealer c/w manual	

PRE-INSTALLATION INSPECTION (DEALER)

1	Check all conveyor nuts and bolts	
2	Ensure machine operates correctly	
3	Ensure conveyor operates correctly (inline)	
4	Ensure the conveyor and auger operate in correct directions	
5	Ensure the hydraulic fittings are tightened	
6	Check the V belt tension	
7	Ensure all guards and shields are fitted and secure	
8	Run machine and check for smooth operation	
9	Ensure, if fitted the brackets for connection are fitted correctly	
10	Ensure the operator fully understands the operation of the machine	

This machine must not be released for delivery until the inspector has performed the pre-delivery inspection in accordance with the above requirements.

Dealer Branch _____ Date_____
Dealer P-D-I inspector _____

AG thanks you for your purchase and we wish you safe and productive use of this machine.

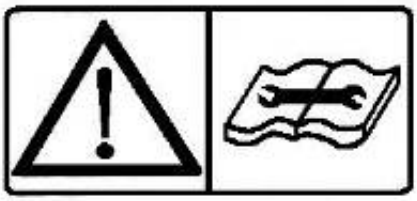
Specification

Model AG	Capacity(c/m)	Weight (kg)	Width (m)	Depth (m)	Height (m)
150	0.9	395	1515	950	1010
175	1.5	562	1800	1025	1090
200	2.0	580	2034	1339	1247
Tilt kit	-	180	-	-	-

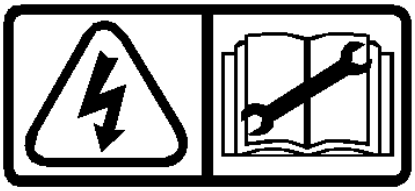
Safety rules and Pictogram / label identification

Wherever possible, warning pictograms (labels with no words), or warning labels are used on the machine near the area of danger and / or in the product manual near the relevant instructions.

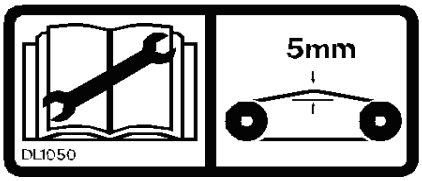
Pictogram to indicate 'ALERT WARNING'.



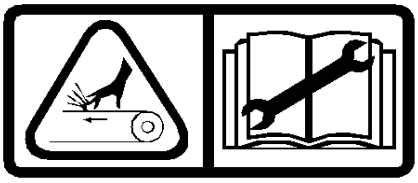
Pictogram to indicate 'read product manual'



Pictogram to indicate 'read electronic safety section'.



Pictogram to indicate 'read V-belt tension requirements'.



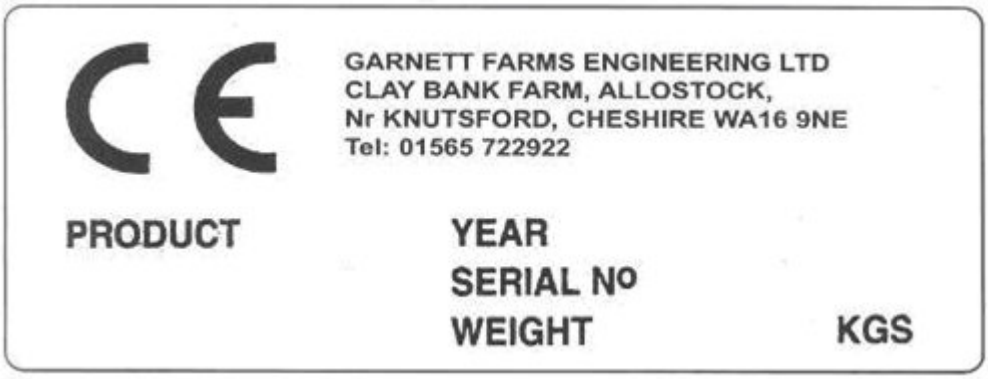
Pictogram indicates 'read safety manual' i.e. caution of fingers touching moving conveyor.

Pictogram to indicate 'Caution – Rotating mechanism - Do not climb into the hopper – Keep hands away from mechanism'.

1. **Always comply with safety rules as set out in the pictograms, and detailed in this product manual.**
2. **No bystanders allowed in the working area.**
3. **Any maintenance that needs to occur on the dispenser, the tractor engine must be stopped, the handbrake applied, and all residual oil pressure released.**
4. **Only the operator must operate the AG Dispenser and must remain in the cab during the complete working cycle.**
5. **Do not attempt to use the AG Dispenser if any of the safety guards have been removed, damaged or missing.**

Identification of the machine

The AG Maxi is identified by the Serial Plate, showing – product, year of manufacture, serial number and weight.



WARNING. THE OPERATOR IS RESPONSIBLE FOR CHECKING THAT THE PRIME MOVER AND SCRAPER ARE TOGETHER A SAFE AND STABLE WORKING UNIT UNDER ALL EXPECTED WORKING CONDITIONS.

1. Before fitting the AG Dispenser to the prime mover, check that the combined weight of the AG Dispenser and the heaviest load does not exceed the manufacturer's recommended safe loading of the front and rear axle, wheels and tyres.

2. Ensure that the combined load is within the lifting capacity of the prime mover.

3. If the AG Dispenser is mounted on a 3 point linkage then also ensure that there is enough counter balance from the prime mover to compensate the load without exceeding the load capacity of the prime mover.

Fitting / Attaching AG Dispenser

ATTACHING THE LOADER-

Ensure the AG Dispenser is placed on the ground in a stable position.

IMPORTANT: If the AG Dispenser mounting brackets are to be welded to the rear frame of the machine, it is absolutely vital that a professional welder carries out all the welding. The material to be welded must be pre-treated and the final welds checked carefully. (See Fig.1.)

Hose lengths will need to be made, the length dependant on the style of machine used.

Ensure that the AG Dispenser operates in both directions before filling with material, and that the operator is satisfied that the leaver control action is compatible with the direction of movement of the AG Dispenser.

CAUTION! Ensure that the immediate area surrounding the machine is clear of spectators. The operator must stay in the prime mover during work of the AG Dispenser.

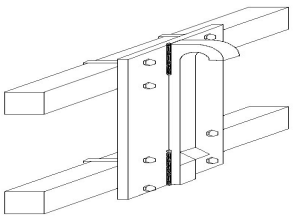


Fig 1.Welded Mounting Bracket

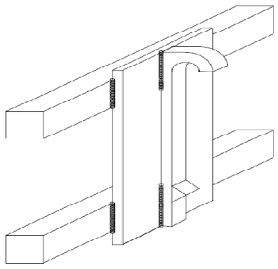
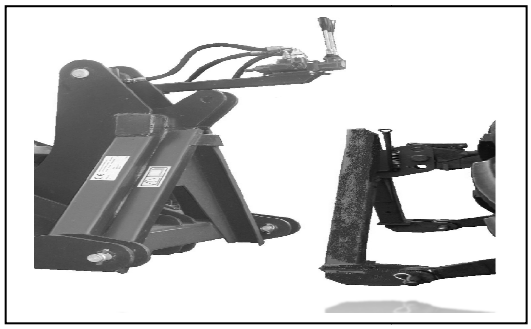


Fig. 1a Typical Bolted Mounting Brackets

IMPORTANT: If the AG Dispenser is to be used with Bolt on Brackets, these must be supplied from your local AG dealer. BOLTS are to be checked every 50 hours.

ATTACHING TO TRACTOR-

1. Ensure the AG Dispenser is placed on the ground in a stable condition.
2. If the AG Dispenser is fitted with a 3 point linkage frame, remove the hitch pins, back up the tractor and attach the lower link arms of the tractor to the lower attachment points of the 3 point frame, using the hitch pins supplied, and secure with lynch pins.
3. Attach the tractor top link to the 3 point frame and secure, using the pin and lynch pin.
4. Adjust the tractor link arms stabilisers so that the AG Dispenser is held central and there is no undue lateral movement.
5. If the AG Dispenser is fitted with the spool valve kit then ensure that the valve block and leavers cannot interfere with the tractor in any way.



The AG tilting mechanism can be fitted using the 3 point linkage or the A-frame system.
NB: The male A-frame must be compatible with the female A-frame of the AG tilting mechanism.

Fig 2. Connection method for A-frame

6. If using A-frame attachment, ensure the female and male frame are compatible.
7. Lower link arms may need to be adjusted into the lowest position.
8. Ensure A-frame is vertical at all times.
9. Once attached, ensure the latch is securely located in the female A-frame.
10. Finally, ensure all the guards are fitted correctly before use.

OPERATION AND SAFE USE OF THE AG DISPENSER

IMPORTANT: SAFETY FIRST: Before loading the machine, ensure it is correctly attached to the tractor and set up and that all guards are in place and secured. DO NOT operate the machine with bystanders present.

! DO NOT USE THE AG DISPENSER WHEN FROZEN !

The AG Dispenser has been designed to bed cubicles with ease and speed, following some simple guidelines in this booklet will ensure the AG machine is reliable and satisfactory.

- DO NOT OVERLOAD THE MACHINE
- DO NOT USE ANY MATERIAL IN THE MACHINE OTHER THAN IS SPECIFIED BY THE MANUFACTURE.
- DO NOT ALLOW STONES AND ROCKS TO ENTER THE MACHINE WHEN FILLING.

1. Drive the prime mover and the machine to the material; tilt the machine to the floor, using the tilting mechanism.
2. The blade of the AG must be the only point that is in contact with the ground.
3. Reverse into the pile of material, and collect material of the face of the pile only.

DRIVING INTO THE BOTTOM OF THE PILE AT HIGH SPEED, WILL COMPACT MATERIAL, AND CREATE HIGHER PRESSURE REQUIREMENT WITHIN THE MACHINE.

4. Crowd the AG into the vertical position before using the prime mover away from the material.
5. Operating the double acting service on the prime mover, will discharge material left or right.

CAUTION: THE MACHINE MUST BE VERTICAL WHEN OPERATING

6. When changing direction, the operator must ensure engine revs have returned to idle.

IMPORTANT: Machine blockage: In the unlikely event of machine blockage. ALWAYS ensure tractor engine and machine are stopped and REMOVE the key. Never attempt to clear blockages by hand; always use a tool of some kind.

OIL FLOWS

AG MODEL	Oil flow requirement:
150	15-60 l/min
175	15-60 l/min
200	15-60 l/min

If the machines are to be used on prime movers with limited oil flow, the AG dispensers can be modified to suit, using a selection of pulley ratios.

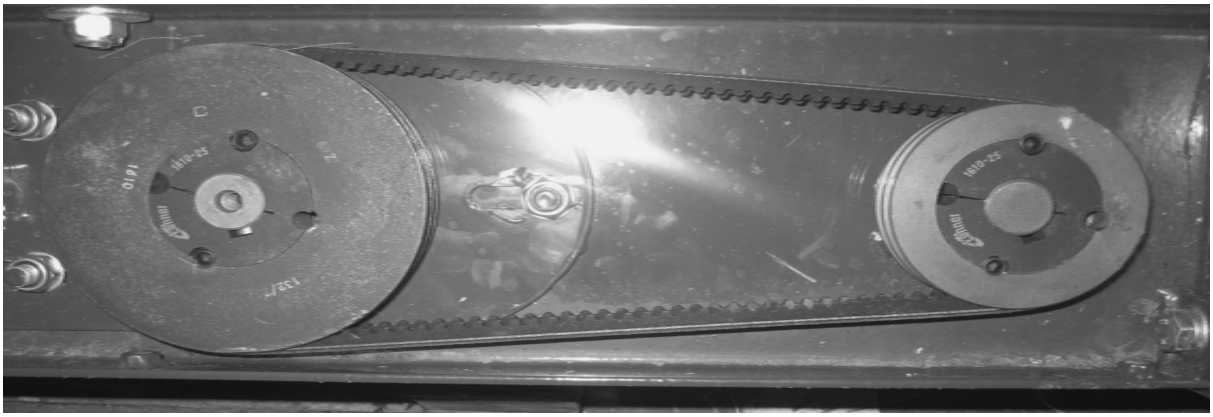


Fig 3.

Three speed settings are obtainable-

125-125 ratio	Standard
140-80 ratio (as shown in Fig 3)	Suitable for low to medium flows
140-60 ratio	Suitable for low oil flows

The hydraulic motor DH25, can also be changed for a higher speed output motor. Consult your local dealer.

NB. Higher speed settings are designed for low oil flow settings, using them on higher oil flow machines will invalidate warranty.

ADJUSTMENTS

Slider regulator

All the AG Dispensers are supplied with adjustable slides that are designed to regulate the flow of material through the machine.

	AG 150	AG 175	AG 200
Sawdust (FINE)	100 Mm	100mm	100 mm
Sawdust	100-150 Mm	100-150 mm	100-150 mm
Paper(DRIED)	150-100 Mm	150-200 mm	150-200 mm
Paper	200-250 Mm	200-250 mm	N/A
Sand	200-300Mm	200-300*200 mm	N/A

If a machine runs in one direction for a short period of time and then stops, then in the other direction fora short period of time and stops. The holes in the slide need enlarging towards the centre of the slide.

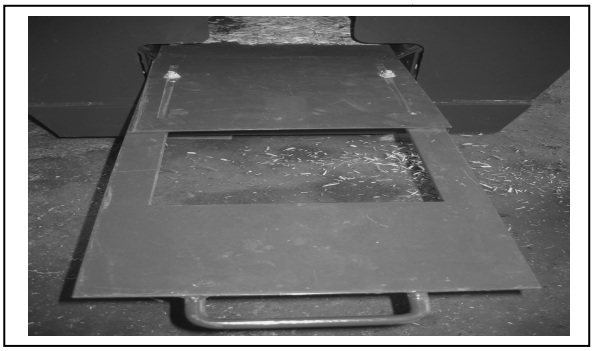


Fig 4.

Remove slide form machine. Ensure that the AG machine is secure and the prime mover is turned off, with the hand brake applied.

To adjust loosen nuts and bolts. Part 35, 37)

1. Reduce each hole by an equal amount.(by moving slide(38))
2. Reduce by a small amount each time, then run and test.
3. Enlarge holes towards the centre of the slide.

Maintenance

V-belt Tension

The AG Dispenser is designed for the optimum performance with minimum requirement for maintenance.

Conveyor bed bearings are to be kept well greased at all times.

Fig 5.

1. Dispensers with removable conveyors, remove two bolts on the right hand side of the conveyor. Slacken the two remaining bolts on the left hand side. (Fig 5)
2. Slide the right hand side of the conveyor out. Ensure not to slide out to far as hydraulic pipes are still connected.

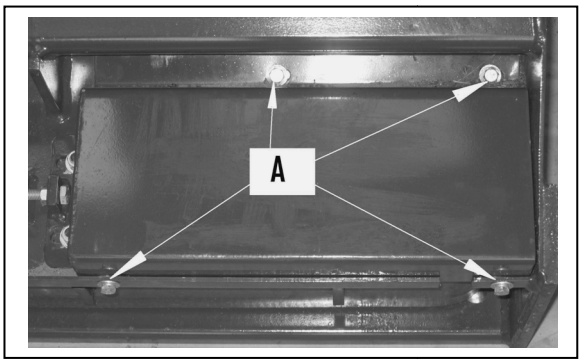


Fig 6.

3. AG 150 Dispenser. Place machine on stable ground. Remove 4* M8 bolts Fig 6. This will allow the guard to be removed.
4. Once removed bolts, cover with Grease ready for assembly. Grease will allow easy removal next time.

! Practice all workshop safety procedures at all times!

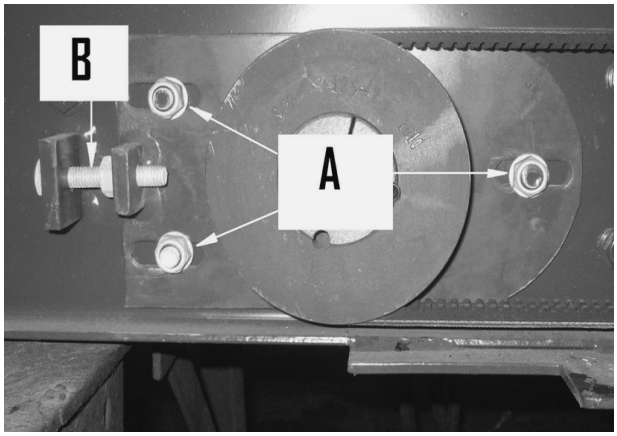


Fig 7.

5. To adjust V-belts. Loosen 3 * M10 Nuts (item A) Fig 7.

6. Adjust tension using adjuster screw (Item B).

Caution! EXCESSIVE V-BELT TENSION WILL VOID WARRANTY

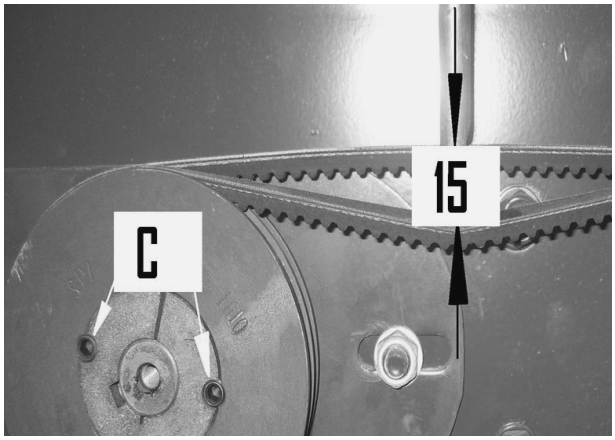


Fig 8

7. Tension on all V-belts must be set at 15mm +, as shown in Fig 8. Excessive belt tension will cause undue hydraulic motor wear. Resulting in loss of power on conveyor bed.
8. When the correct tension is achieved, lock the adjuster bolt (B) Fig 7. Tighten M10 nuts (A) Fig 7.
9. Check Allan bolts (C) Fig 8 are tight.
10. Re-fit conveyor AG 175+200, ensure when re fitting the hydraulic pipes do not catch or score on the bearing or any metal edges.
11. Re-fit bolts removed at stage 1 (Fig 5)
12. AG 150 series, re-fit guard removed at stage 3 (Fig 6)
13. Run and test all machines.

ENSURE WHEN RUNNING/TESTING, NO MOVING PARTS ARE INTERFERING WITH THE FRAMEWORK OR GUARDS.

The AG Dispensers are fitted with the unique high quality endless polyurethane belt, giving long and lasting durability.
Regular routine maintenance will ensure your AG Dispenser gives you the very best results.

PRIOR TO ANY MAINTENANCE ENSURE THE PRIME MOVER IS SWITCHED OFF WITH THE KEY REMOVED

Conveyor removal 150/175/200

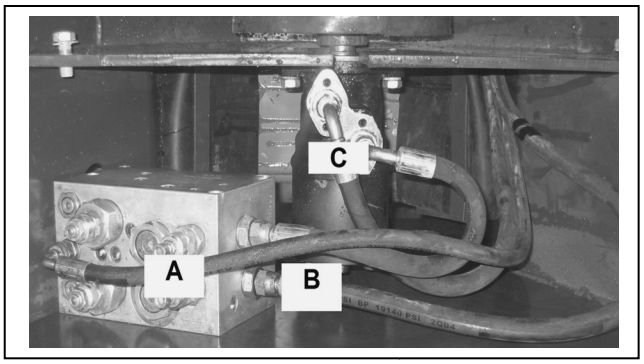


Fig 9

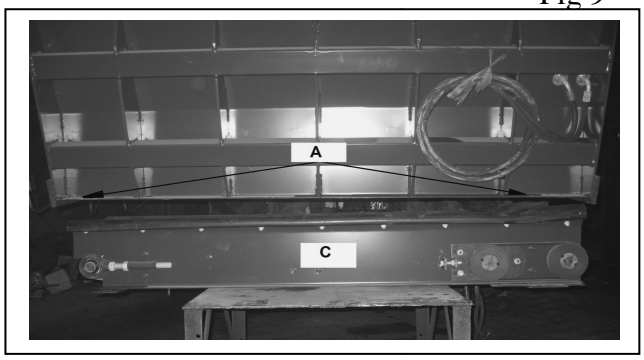
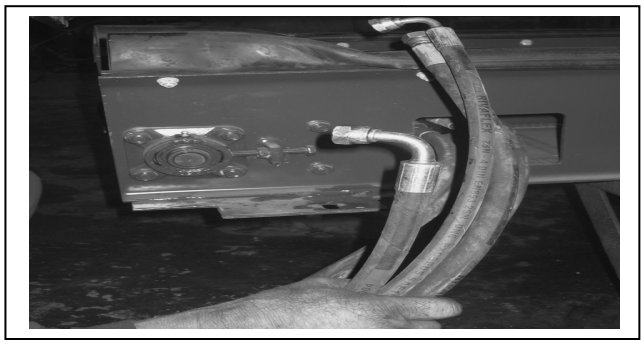


Fig 10



13

Fig 11.

1. Removal of the conveyor is simple, quick and easy
2. Place the AG on a stable support.
3. Remove the 3x hydraulic pipes shown in figure 9. Pipes A/B/C feed the conveyor, ensure you clearly mark which pipe has come from which port.
4. Ensure the pipes ends are kept clean and away from any material.
5. Remove the 4x M12 bolts in each corner.
6. Slowly lift the AG shell vertically.]
7. Be careful pipes A/B/C are free prior/during lifting.
8. Once the AG shell is clear from the machine, move away and place down safely.
9. Before work is carried out on the conveyor, place pipe bungs in pipe ends. Fig 11.

CONVEYOR BELT REMOVAL 150/175/200

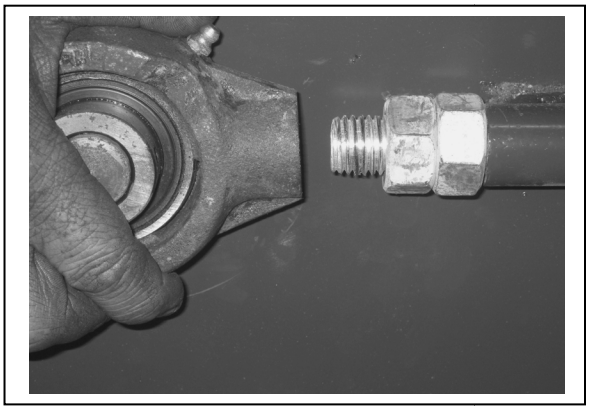


Fig 12

1. Remove the adjuster threaded bar from the Hanger bearing. This is easily achieved by locking the two nuts together, then using the locked nuts to remove thread from bearing.

2. Complete this task on both sides of the conveyor.

3. Fig 13 shows the result. Head roller (A) c/w two bearings. It is not required to remove the bearing from the head roller shaft.

4. Now remove the assembly (A) from the conveyor.

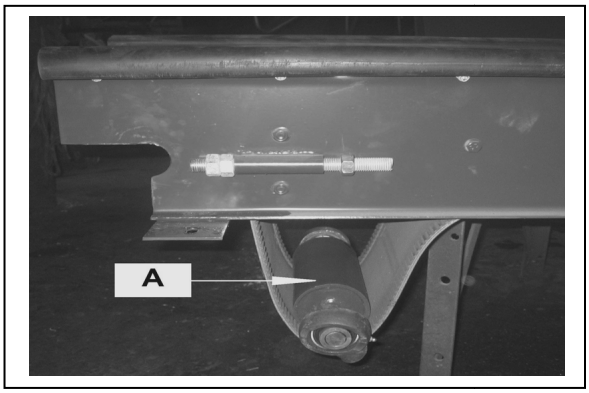


Fig 13

Removing assembly (A), may require some gentle encouragement.

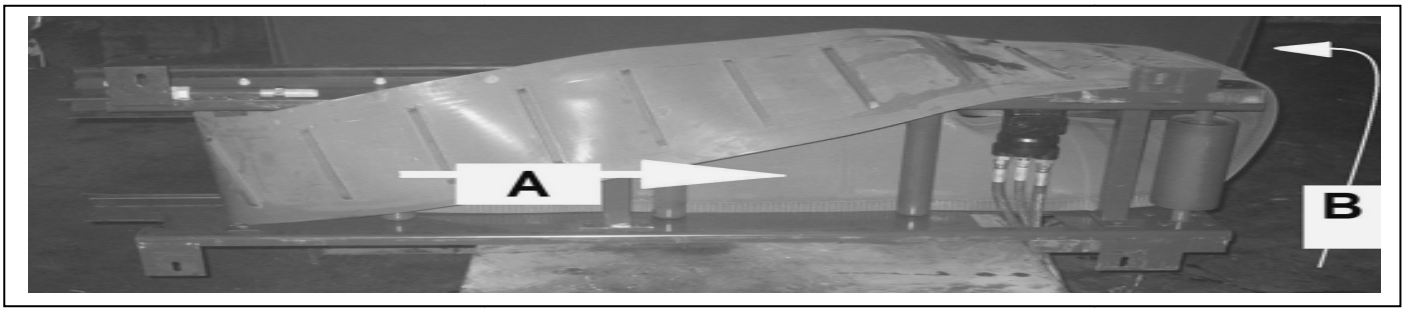


Fig 14

5. Conveyor belt, now to be pulled to other end of the bed (A) Fig 14. Rotate belt in direction (B) Fig 14), allowing belt to be removed.

! SIDE SKIRTS ARE TO BE REPLACED EVERY TWO YEARS !

CHECKS -

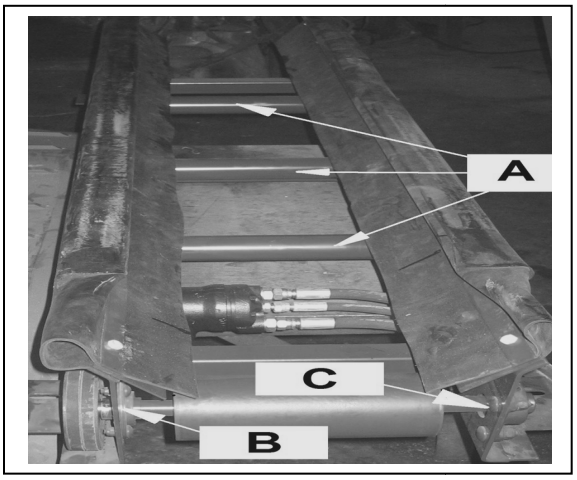


Fig 15

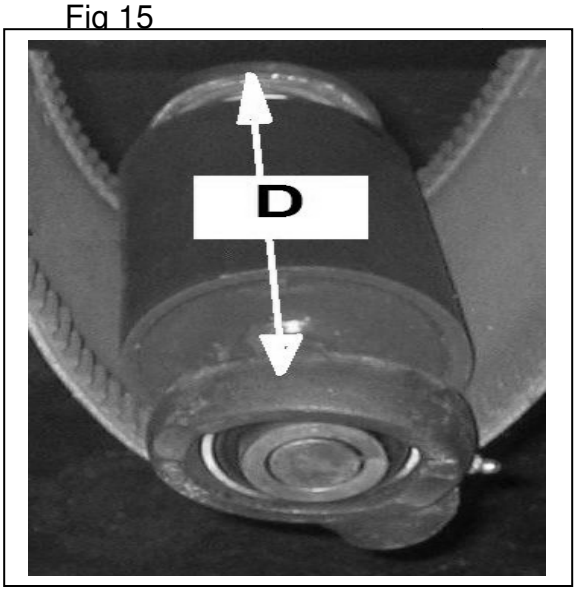
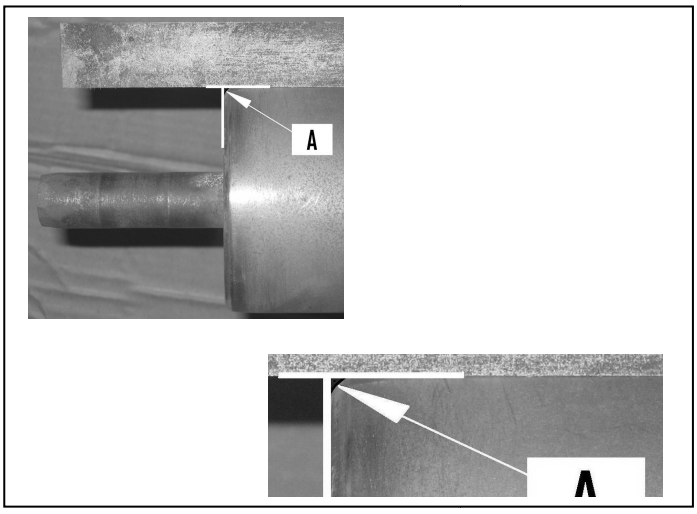


Fig 16



6. Check idler rollers (A) Fig 15 for wear. These are non serviceable items, and must be replaced if any wear has incurred.
7. Item (B) Fig 15. Check for wear.
8. Item (C) Fig 15. Check for wear.
9. Item (D) Fig 15. Check for wear.
10. Grease all bearings (C and D).Ensure the nipples are clean. Do not over grease otherwise Bearing seals may be damaged.

Never allow unqualified or inexperienced personnel to work on, or in this machine. **Always** inform other people what you are doing and remove keys from prime mover

Never allow unqualified or inexperienced personal to work on, or in this machine. **Always** inform other people what you are doing.

11. Check all bolt heads on the conveyor bed for wear. If main discharge belt has run of track, bolt head wear will occur.

12. Check side skirts wear.
13. Check head and tail rollers for wear. Fig 17 (A) shows typical worn roller. Replace with new part.
14 A worn roller will result in miss alignment of the discharge belt.

FITTING DISCHARGE BELT

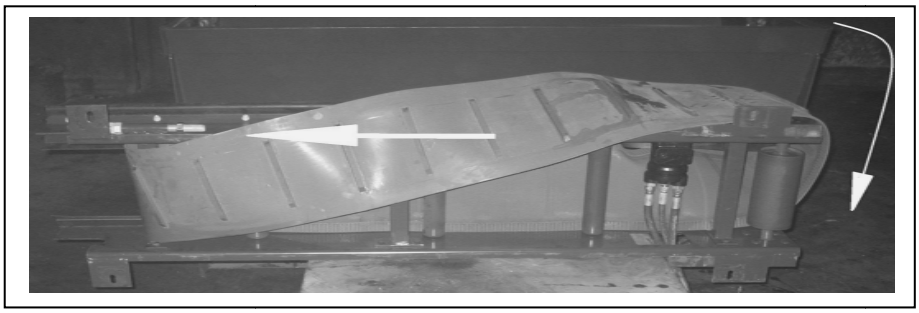


Fig 18

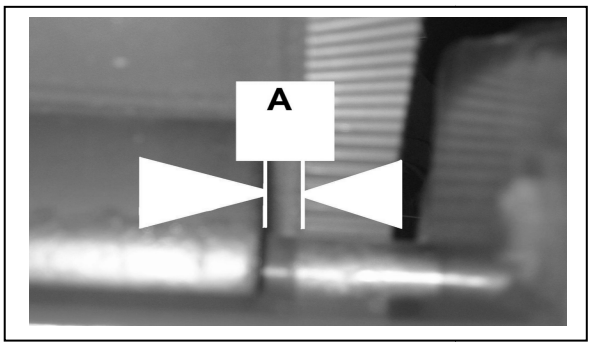


Fig 19

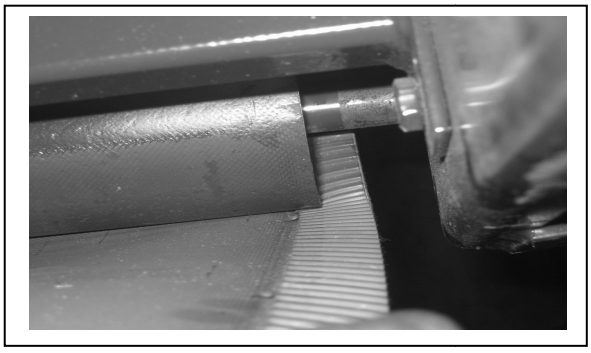
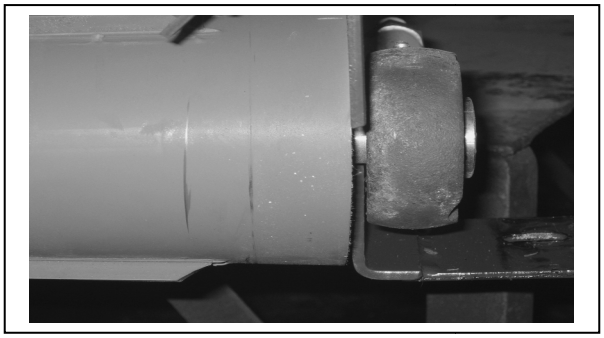


Fig 20



1. As shown in Fig 18, slide the belt onto the conveyor frame. Advisable to wear gloves.

2. Refit the rail roller c/w bearings Fig 12, ensuring the nuts are securely fastened.

3. Belt alignment is important. Fig 19 (A) shows a clearance from the end of the roller and the under tracking of the belt. This distance needs to be equal on both sides of the roller and both ends of the conveyor.

4. Fig 20 and 21 show poorly adjusted belt.

   The reason for this occurring is due to the incorrect adjustment shown in Fig 12 and 21, and causes wear shown in Fig 17

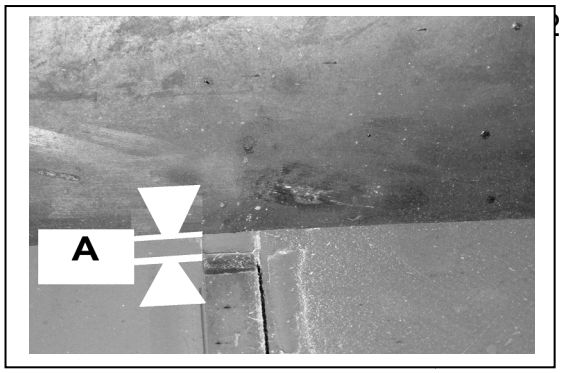


Fig 22

Fig 23

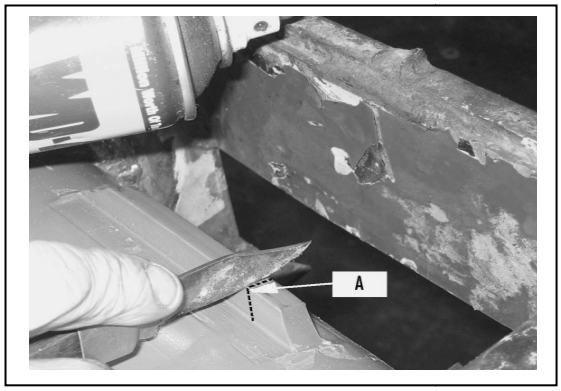


Fig 24

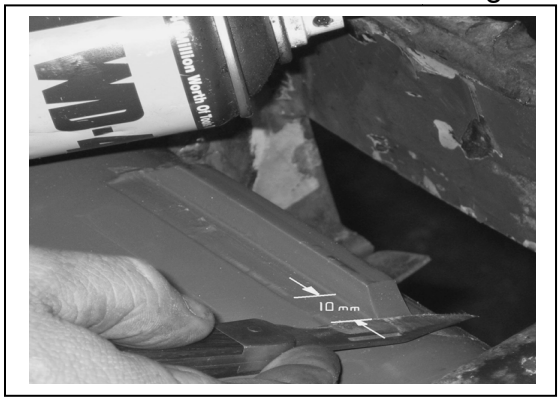


Fig 25

1. Fig 22 shows the required clearance from the edge of the cleat (on the main belt) to the edge of the side skirt, A = 10-15mm

2. The rubber side skirts must be in contact with the flat of the main discharge belt. If this is not achieved sand and stones will collect under the belt resulting in a stretched or torn belt.

3. Fig 23 shows an incorrectly fitted belt, either the side skirts are too long or the cleats are too long on the discharge belt cleats. The result – sand, stones and material will build up on the head/tail rollers resulting in a slack belt!

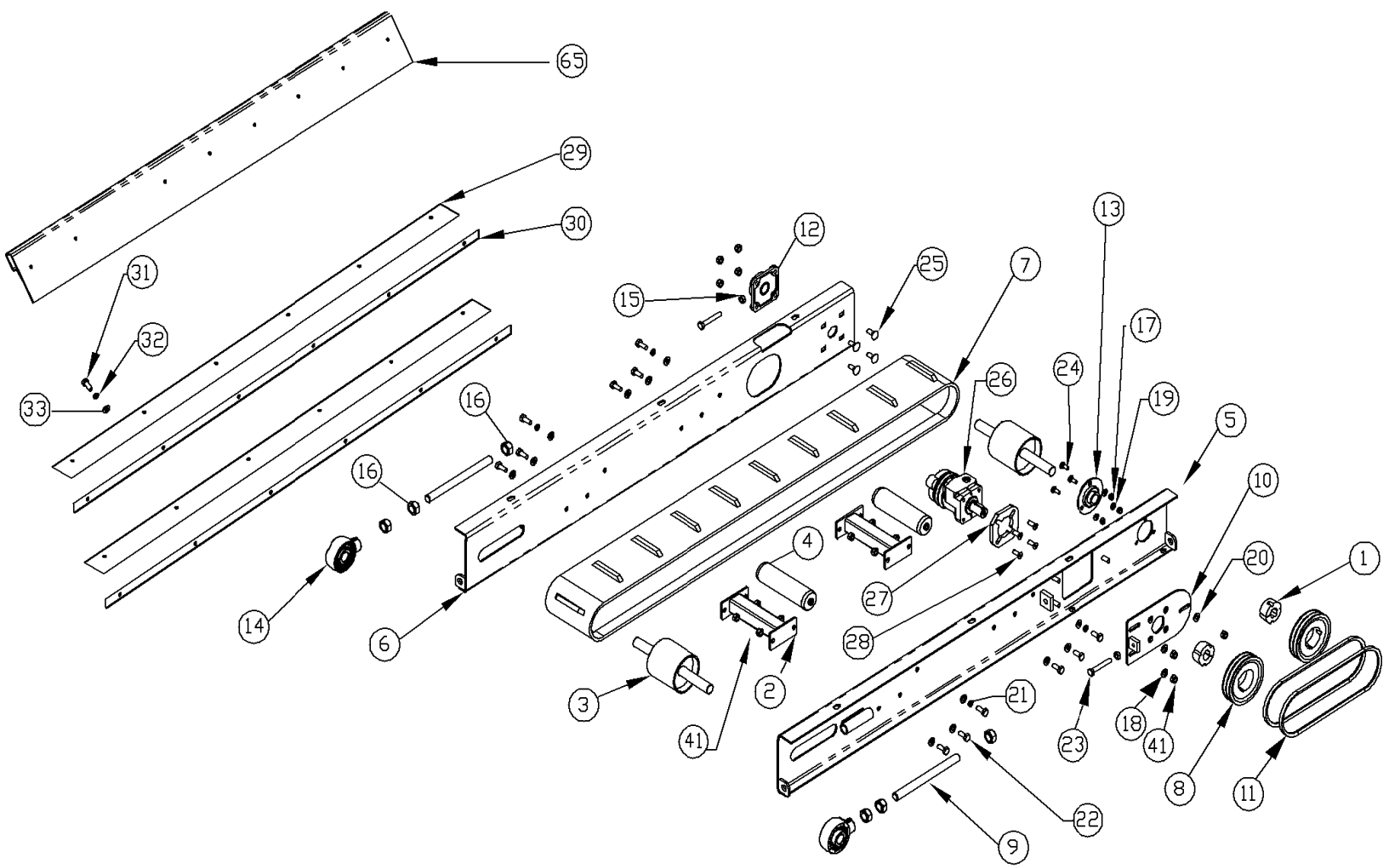
4. If the situation in Fig 23 occurs, the belt cleats can be trimmed Fig 24

5. Fig 24 shows the trimming process. Use a sharp knife and some lubrication. Under no circumstances should the flat of the discharge belt be cut. Cut down line (A) when the cleat position is over the roller, thus giving you support.

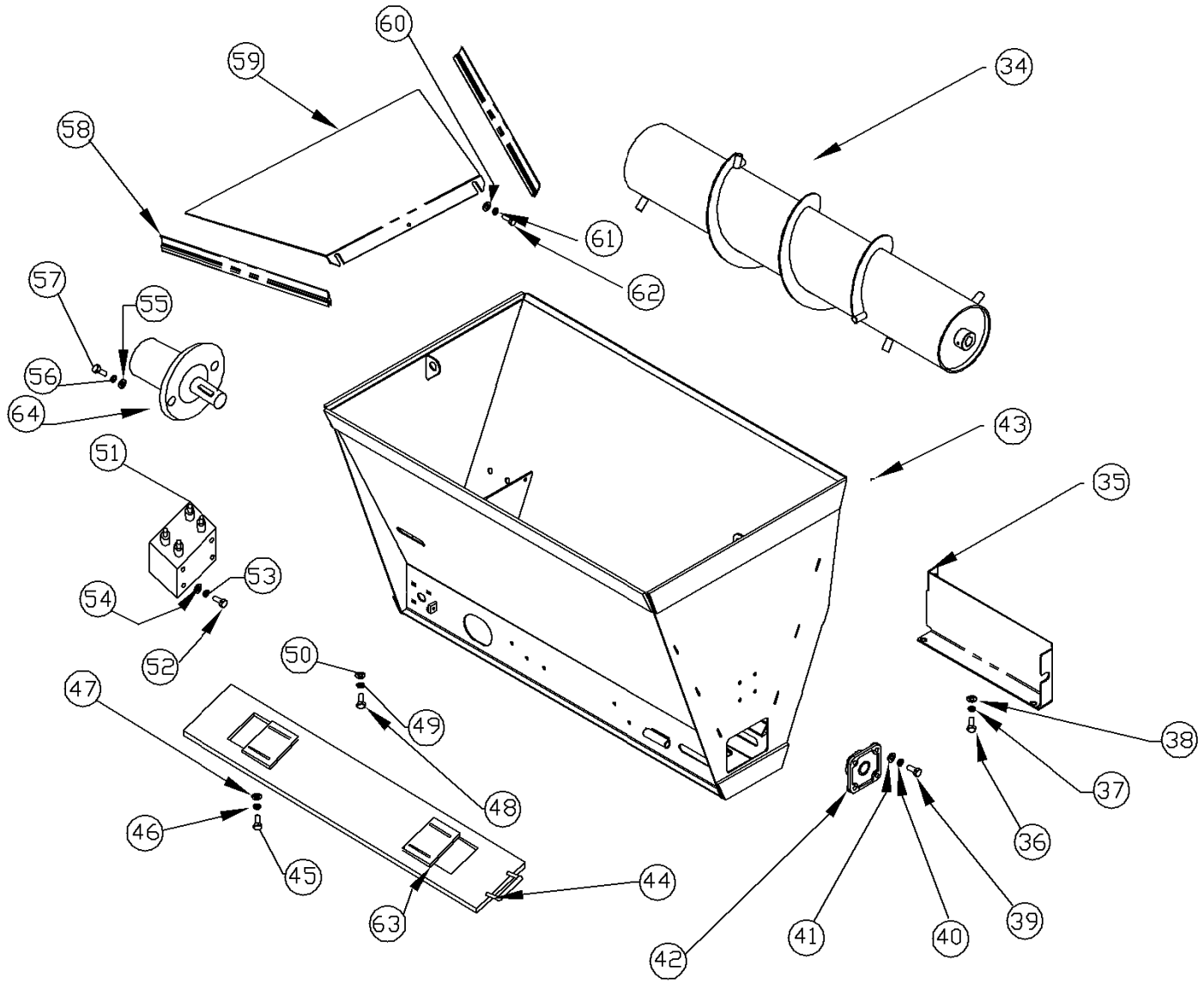
6. Fig 25 shows completing the trimming process.

7. Trimming the cleats is a delicate process, and must not be rushed; any damage to the flat cover of the flat will void any warranty.

8. If trimming is to be carried out , every cleat must be trimmed to the same specification on both edges, Failure to do this will result in a unbalanced belt

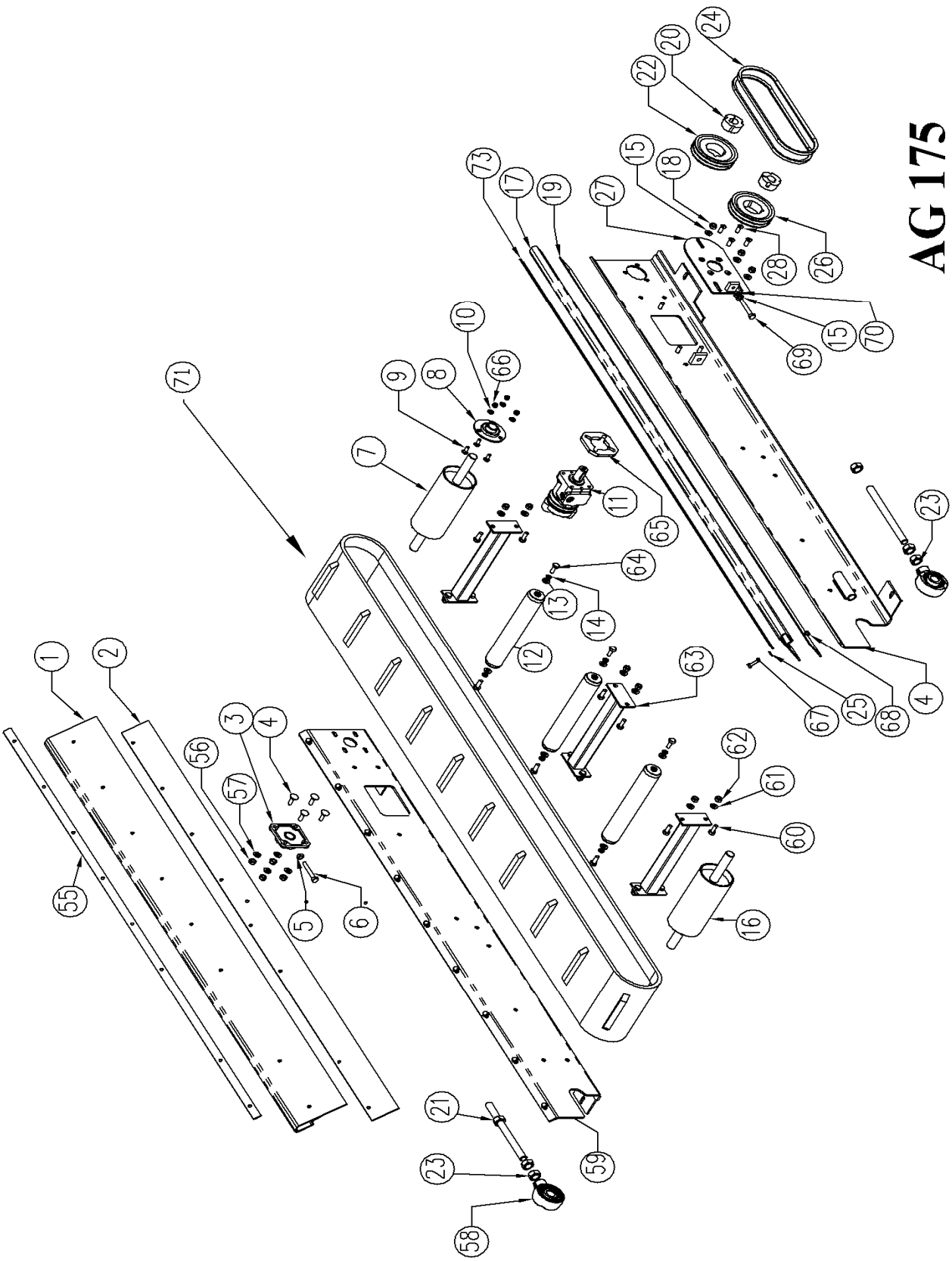


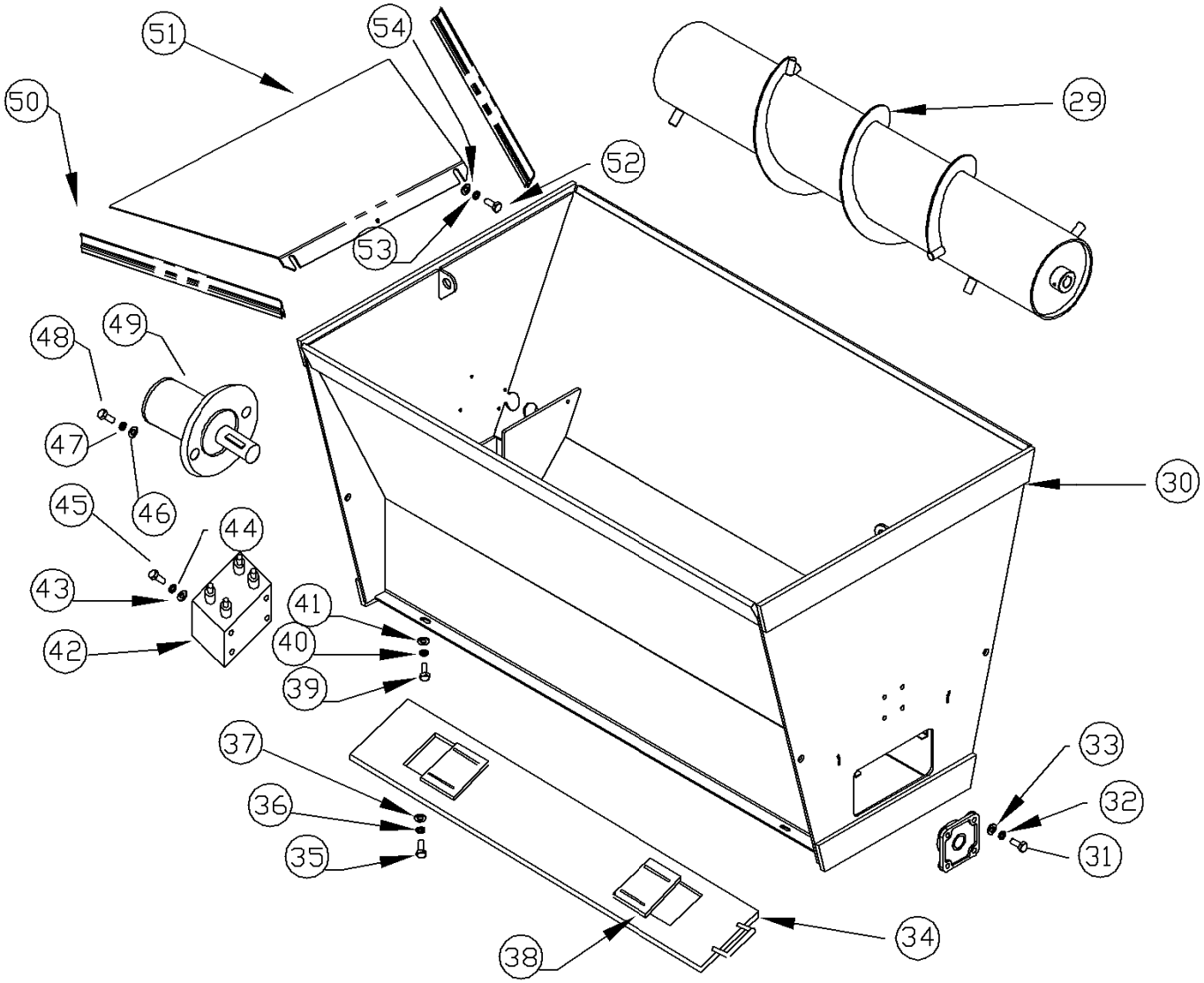
AG 150
CONVEYOR



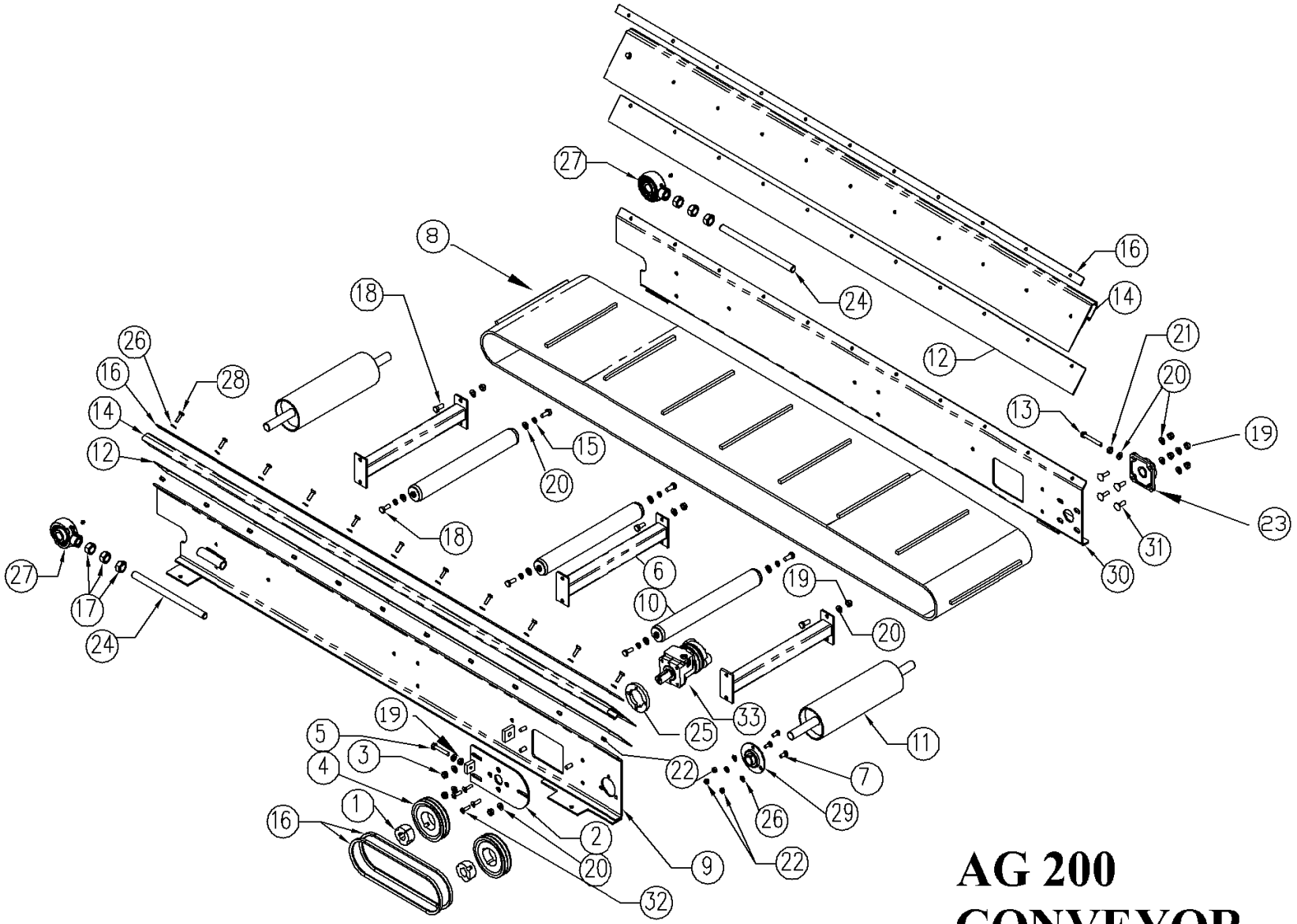
AG 150
MAIN BIN

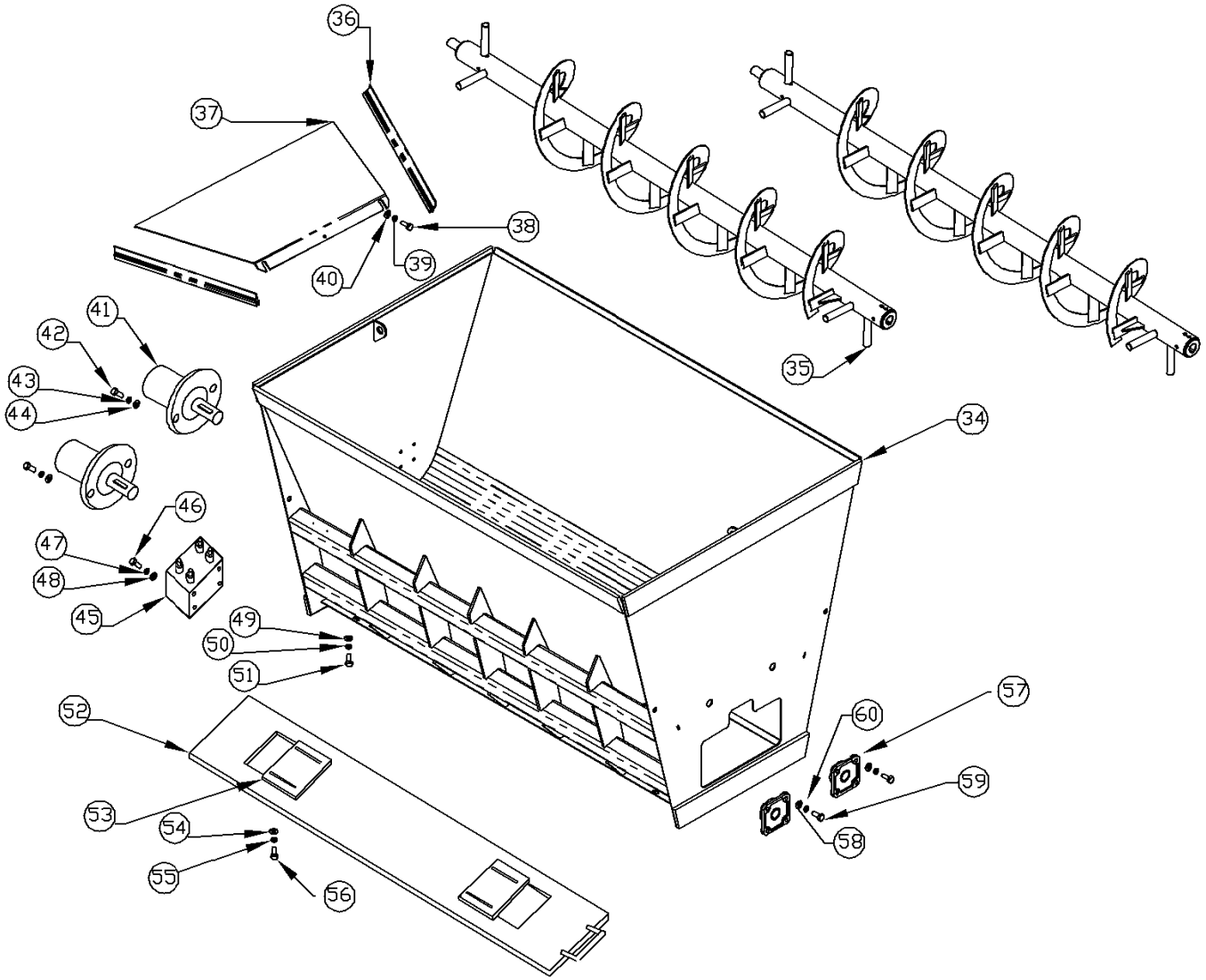
AG 175 CONVEYOR





AG 175
MAIN BIN


AG 200
CONVEYOR



AG 200
MAIN BIN

AG 150

	ITEM NO.	QUANTITY	PART NO.	DESCRIPTION
AG 150	1	2	MC6-1	Tapered bush
AG 150	2	2	MC7-1	Brace
AG 150	3	2	MC7-2	Head roller
AG 150	4	2	MC7-3	Idler roller
AG 150	5	1	MC7-4	Conveyor side front
AG 150	6	1	MC7-5	Conveyor side rear
AG 150	7	1	MC7-6	Conveyor belt
AG 150	8	2	MC6-2	Pulley
AG 150	9	2	MC6-3	Threaded tension bar
AG 150	10	1	MC6-4	Tension plate assembly
AG 150	11	2	MC6-5	V-belt (XPZ900 - STANDARD)
AG 150	12	1	MC6-6	Flange bearing (Conveyor)
AG 150	13	1	MC6-7	Flange bearing
AG 150	14	2	MC6-8	Hanger bearing
AG 150	15	2	MC6-9	M10 plain nut
AG 150	16	6	MC6-10	M20 plain nut
AG 150	17	3	MC6-11	M8 thin nyloc nut
AG 150	18	3	MC6-12	M10 plain washer
AG 150	19	3	MC6-13	M8 plain washer
AG 150	20	3	MC6-12	M10 plain washer
AG 150	21	16	MC6-12	M10 plain washer
AG 150	22	12	MC6-14	M10 *25 H.T Setscrew (8.8)
AG 150	23	2	MC6-15	M10*70 H.T Setscrew (8.8)
AG 150	24	3	MC6-16	M8 * 25 Cup Square Bolt
AG 150	25	4	MC6-17	M10 *25 Cup Square Bolt
AG 150	26	1	MC6-18	Hyd Motor DH 25 (Conveyor-Standard)
AG 150	27	1	MC6-19	Motor spacer
AG 150	28	4	MC6-20	3/8 - 16 unc *1 CSK Skt Screw
AG 150	29	2	MC7-7	Side skirt (large) metal clamp
AG 150	30	2	MC7-8	Side skirt (small) metal clamp
AG 150	31	12	MC6-21	M8 * 40 bolt
AG 150	32	12	MC6-13	M8 plain washer
AG 150	33	12	MC6-23	M8 Nyloc nut
AG 150	34	1	MC7-9	Auger
AG 150	35	1	MC7-10	V-belt guard
AG 150	36	2	MC6-24	M8 * 20 bolt
AG 150	37	3	MC6-13	M8 plain washer
AG 150	38	2	MC6-25	M8 spring washer
AG 150	39	4	MC6-26	M10 *35 bolt
AG 150	40	4	MC6-12	M10 plain washer
AG 150	41	10	MC6-27	M10 nyloc nut
AG 150	42	1	MC6-28	Flange bearing (Auger)
AG 150	43	1	MC7-11	Main bin
AG 150	44	1	MC7-12	Aperture plate
AG 150	45	4	MC6-29	M8 * 30 Cup Square Bolt
AG 150	46	8	MC6-22	M8 plain washer
AG 150	47	8	MC6-23	M8 nyloc nut
AG 150	48	4	MC6-14	M10 *25 H.T Setscrew (8.8)
AG 150	49	4	MC6-12	M10 Washer
AG 150	50	4	MC6-27	M10 nyloc nut
AG 150	51	1	MC6-36	Valve block
AG 150	52	4	MC6-31	M8 x 130 mm Cap Bolt
AG 150	53	4	MC6-22	M8 plain washer
AG 150	54	4	MC6-23	M8 Nyloc nut
AG 150	55	2	MC6-27	M10 nyloc nut
AG 150	56	2	MC6-12	M10 plain washer
AG 150	57	2	MC6-14	M10 *25 H.T Setscrew (8.8)
AG 150	58	2	MC7-12	Auger Motor cover seal
AG 150	59	1	MC7-13	Auger Motor cover
AG 150	60	2	MC6-32	M10 spring washer
AG 150	61	2	MC6-12	M10 plain washer
AG 150	62	2	MC6-14	M10 *25 H.T Setscrew (8.8)
AG 150	63	2	MC7-14	Adjustable plate
AG 150	64	1	MC6-33	Hydraulic motor Auger OMR390
AG 150	65	2	MC7-15	Rubber side skirt
AG 150		2	MC6-37	Middle range pulley ratio (140-80)
AG 150		2	MC6-38	Highest range pulley ration (140-60)

AG 175

Machine	ITEM NO.	QUANTITY	PART NO.	DESCRIPTION
AG 175	1	1	MC8-1	Side skirt
AG 175	2	1	MC8-2	Side skirt (large) metal clamp
AG 175	3	1	MC6-8	Flange bearing (Conveyor)
AG 175	4	4	MC6-29	M10 *30 Cup Square bolt
AG 175	5	3	MC6-9	M10 plain nut
AG 175	6	1	MC6-15	M10 * 70 H.T Setscrew (8.8)
AG 175	7	1	MC8-3	Head roller
AG 175	8	1	MC6-7	Flange bearing
AG 175	9	3	MC6-29	M8 * 30 Cup Square Bolt
AG 175	10	3	MC6-22	M8 plain washer
AG 175	11	1	MC6-18	Hydraulic motor (conveyor) DH25
AG 175	12	3	MC8-4	Idler roller
AG 175	13	6	MC6-12	M10 plain M10 washer
AG 175	14	6	MC6-32	M10 spring washer
AG 175	15	2	MC6-12	M10 plain washer
AG 175	16	1	MC8-5	Head roller
AG 175	17	1	MC8-6	Side skirt
AG 175	18	4	MC6-27	M10 nyloc nut
AG 175	19	1	MC8-7	Side skirt (large) metal clamp
AG 175	20	2	MC6-1	Tapered bush
AG 175	21	2	MC6-3	Threaded tension bar
AG 175	22	1	MC6-2	Pulley
AG 175	23	6	MC6-10	M20 plain nut
AG 175	24	2	MC6-5	V-belt (XPZ900 - STANDARD)
AG 175	25	18	MC6-22	M8 plain washer
AG 175	26	1	MC6-2	Pulley
AG 175	27	1	MC6-4	Tensioner plate assembly
AG 175	28	4	MC6-29	M8 * 30 CSK Socket screw
AG 175	29	1	MC8-8	Auger
AG 175	30	1	MC8-9	Main bin
AG 175	31	4	MC6-34	M10 *35 bolt
AG 175	32	4	MC6-12	M10 plain washer
AG 175	33	4	MC6-27	M10 nyloc nut
AG 175	34	1	MC8-10	Aperture plate
AG 175	35	4	MC6-16	M8 * 20 Cup Square Bolt
AG 175	36	4	MC6-22	M8 plain washer
AG 175	37	4	MC6-23	M8 nyloc nut
AG 175	38	2	MC8-11	Adjuster plate
AG 175	39	4	MC6-34	M10 *35 bolt
AG 175	40	4	MC6-12	M10 washer
AG 175	41	4	MC6-27	M10 nyloc nut
AG 175	42	1	MC6-36	Valve block
AG 175	43	4	MC6-23	M8 nyloc nut
AG 175	44	4	MC6-22	M8 plain washer
AG 175	45	4	MC6-31	M8 x 130 mm Cap Bolt
AG 175	46	2	MC6-27	M10 nyloc nut
AG 175	47	2	MC6-12	M10 washer
AG 175	48	2	MC6-34	M10 *35 bolt
AG 175	49	1	MC6-33	Hydraulic motor (Auger) OMR 390
AG 175	50	2	MC8-12	Motor cover seal
AG 175	51	1	MC8-13	Motor cover
AG 175	52	2	MC6-14	M10 *25 H.T Setscrew (8.8)
AG 175	53	2	MC6-12	M10 washer
AG 175	54	2	MC6-27	M10 nyloc nut
AG 175	55	2	MC8-14	Side skirt (small) metal clamp
AG 175	56	4	MC6-27	M10 nyloc nut
AG 175	57	4	MC6-12	M10 plain washer
AG 175	58	2	MC6-8	Hanger bearing
AG 175	59	1	MC8-15	Belt assembly rear
AG 175	60	12	MC6-14	M10 *25 H.T Setscrew (8.8)
AG 175	61	8	MC6-12	M10 washer
AG 175	62	8	MC6-27	M10 nyloc nut
AG 175	63	3	MC8-16	Brace
AG 175	64	6	MC6-14	M10 * 25 H.T Setscrew (8.8)
AG 175	65	1	MC6-19	Motor spacer
AG 175	66	3	MC6-23	M8 thin nyloc nut
AG 175	67	3	MC6-16	M8 * 25 H.T setscrew (8.8)
AG 175	68	18	MC6-23	M8 thin nyloc nut
AG 175	69	1	MC6-35	M10 * 55 H.T setscrew (8.8)
AG 175	70	2	MC6-9	M10 plain nut
AG 175	71	1	MC9-17	Conveyor belt
AG 175		2	MC6-37	Middle range pulley ratio (140-80)
AG 175		2	MC6-38	Highest range pulley ration (140-60)

AG 200

Machine	ITEM NO.	QUANTITY	PART NO.	DESCRIPTION
AG 200	1	2	MC6-1	Tapered bush
AG 200	2	1	MC6-4	Tensioner plate assembly
AG 200	3	2	MC6-27	M10 nyloc nut
AG 200	4	2	MC6-2	Pulley
AG 200	5	1	MC6-15	M10*70 H.T Setscrew (8.8)
AG 200	6	3	MC9-1	Brace
AG 200	7	3	MC6-2	M8 *20 cup square bolt
AG 200	8	1	MC9-3	Conveyor belt
AG 200	9	1	MC9-4	Conveyor side assembly - Front
AG 200	10	3	MC9-5	Idler roller
AG 200	11	2	MC9-6	Head roller
AG 200	12	2	MC9-7	Side skirt (large) metal clamp
AG 200	13	1	MC6-15	M10 * 70 H.T Setscrew (8.8)
AG 200	14	2	MC9-8	Side skirt
AG 200	15	6	MC6-32	M10 spring washer
AG 200	16	2	MC9-9	Side skirt (small) metal clamp
AG 200	17	6	MC6-10	M20 plain nut
AG 200	18	18	MC6-14	M10 * 25 H.T setcrew (8.8)
AG 200	19	3	MC6-27	M10 nyloc nut
AG 200	20	3	MC6-12	M10 plain washer
AG 200	21	2	MC6-9	M10 plain nut
AG 200	22	22	MC6-23	M8 nyloc nut
AG 200	23	1	MC6-7	Flange bearing
AG 200	24	2	MC6-3	Threaded tension bar
AG 200	25	1	MC6-19	Motor spacer
AG 200	26	3	MC6-22	M8 plain washer
AG 200	27	2	MC6-8	Bearing hanger
AG 200	28	22	MC6-16	M8 * 25 H.T Setscrew (8.8)
AG 200	29	1	MC6-8	Flange bearing (conveyor)
AG 200	30	1	MC9-10	Conveyor side assembly - rear
AG 200	31	4	MC6-29	M10 * 30 cup square bolt
AG 200	32	4	MC6-29	M8 * 30 CSK socket screw
AG 200	33	1	MC6-18	Hydraulic motor - conveyor
AG 200	34	1	MC9-11	Main bin
AG 200	35	2	MC9-12	Auger (AG 200)
AG 200	36	2	MC9-13	Motor cover seal
AG 200	37	1	MC9-14	Motor cover
AG 200	38	2	MC6-14	M10 X 25mm bolt
AG 200	39	2	MC6-12	M10 washer
AG 200	40	2	MC6-27	M10 nyloc nut
AG 200	41	2	MC6-33	Auger hydraulic motor
AG 200	42	4	MC6-34	M10 x 35 mm bolt
AG 200	43	4	MC6-12	M10 washer
AG 200	44	4	MC6-27	M10 nyloc nut
AG 200	45	1	MC6-36	Valve
AG 200	46	4	MC6-31	M8 x 130 mm Cap Bolt
AG 200	47	4	MC6-22	M8 washer
AG 200	48	4	MC6-23	M8 nyloc nut
AG 200	49	4	MC6-27	M10 nyloc nut
AG 200	50	4	MC6-12	M10 washer
AG 200	51	4	MC6-34	M10 x 35 mm bolt
AG 200	52	1	MC9-15	Arpeture plate
AG 200	53	2	MC9-16	Adjuster plate
AG 200	54	4	MC6-2	M8 * 20 Cup Square Bolt
AG 200	55	4	MC6-22	M8 plain washer
AG 200	56	4	MC6-23	M8 nyloc nut
AG 200	57	2	MC6-7	Flange bearing auger
AG 200	58	8	MC6-12	M10 plain washer
AG 200	59	8	MC6-34	M10 *35 bolt
AG 200	60	8	MC6-27	M10 nyloc nut
AG 200		2	MC6-37	Middle range pulley ratio (140-80)
AG 200		2	MC6-38	Highest range pulley ration (140-60)
AG 200		1	MC9-17	Users manual

WARRANTY REGISTRATION FORM

Garnett Farms Engineering Ltd
Clay Bank Farm
Allostock
Nr Knutsford
Cheshire
WA16 9NG

Date of Purchase:

Purchaser's Name:	
Address:	
Dealer's Name:	
Address:	

Machine Type:	AG Dispenser
Model:	150/175/200
Serial No:	

GARNETT FARMS ENGINEERING POLICY NOTE

G.F.E. IS ONE OF CONTINUOUS IMPROVEMENT. WE RESERVE THE RIGHT TO CHANGE PRICES OR SPECIFICATIONS OF EQUIPMENT AT ANY TIME WITHOUT NOTICE. ORDERS ARE ACCEPTED SUBJECT TO OUR STANDARD TERMS AND CONDITIONS. ALL WEIGHTS AND MEASURES SHOWN IN ANY OF OUR BROCHURES ARE APPROXIMATE.

WARRANTY

AS PART OF THE *AG* DISPENSERS AFTER SALES SUPPORT, PLEASE CONTACT AT ANY TIME.