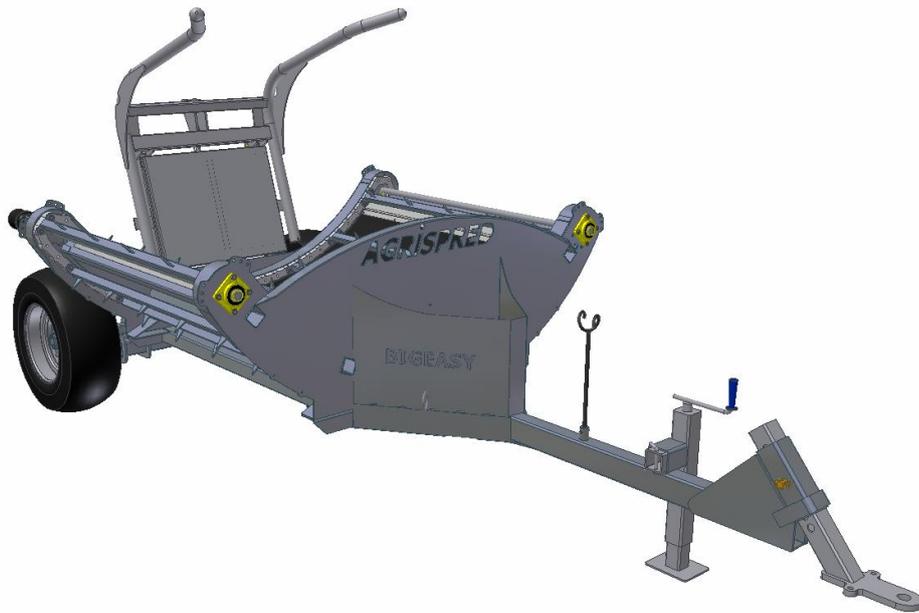




ABFT-2000
BALE FEEDER

Operators Manual



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Owner Information

Congratulations on the purchase of your new AGRISPRED™.

The AGRISPRED™ range of fertiliser spreaders and bale feeders has been designed and manufactured with the discerning farmer in mind. Having regarded ever- increasing costs of farm machinery today, our company has attempted to provide long-term durability by using the finest materials in the construction of the spreaders and bale feeders.

This manual deals with the assembly, operation and maintenance of the Bigeasy T™ bale feeder. Read it thoroughly before attempting to use your bale feeder. If you are still unsure about any aspect of the Bigeasy T™ ask the dealer who supplied the machine to explain any unclear points.

Your AGRISPRED™ Dealer is:

Name í

Address í

 í

Phone No í

Date Machine Purchased í

Model No í

Serial No



Product Description

Model	ABFT-2000
Capacity	2 Bales / up to 2 tonne total
Conveyor Drive	Hydraulic Motor
Hydraulic Requirements	2 banks 2000psi minimum
Length	4.545m (with forks up)
Height	1.95m (with forks up)
Width	2.2m
Weight	780kg

Feeds Out: All round hay and silage bales up to 1 tonne max per bale

***Tractor:** Any tractor with adequate hydraulics and load carrying capacity, please refer to your tractor's tow hitch loading specs.

Ordering Spare Parts

Always order spare parts for your Bigeazy Ttm through your authorised Agrispredtm dealer using the Agrispredtm part number and descriptions given in the parts manual.

Please include:

- Quantity required
- Model number
- Machine serial number

The serial number can be found on the plate attached to your Bigeazy Ttm base frame.

Receiving Delivery

Carefully check for any damage that may have occurred during transit, and if necessary, ensure that a claim is lodged with the common carrier concerned prior to accepting delivery.

*Reese Agri, Agrispred or its associated companies and employees accept no liability in regard to use of any tractor that is not suited to the task of operating this implement. The operator and his/her employees must take full responsibility for their tractor of choice and completely understand the factory linkage loading specifications of that vehicle.



Safety Precautions

Be aware of your tractors or other farm vehicles load carrying capacity, excess weight whether attached or placed on a farm vehicle can dramatically change the handling characteristics.

- Make sure all persons are well clear of the Bigeassy Ttm whenever it is to be operated
- Make sure that the tractor is up to the task as bales can weigh in excess of 800kg and the Bigeassy Ttm is 780kg so it is important to understand the load carrying capacity of the tractor being used especially if 2 bales are to be carried.
- Never exceed 10 kph when 2 bales are loaded.
- Ensure that all moving parts are kept free from feed build-up as this can affect the overall performance of the machine.
- Under no circumstances should any person ever ride on the machine
- The Bigeassy Ttm is intended for farm use only and should not be used for any task other than loading and feeding out bales
- Under no circumstances should any load be placed or attached to the Bigeassy Ttm other than bales
- Do not overload the forks or use for any task other than lifting and loading bales
- Ensure that if any work, maintenance or cleaning is to take place that the Bigeassy Ttm is shut down and fully stoped; this should include shutting down the tractor.
- Always check that the tractors tow hitch is in good condition and the Bigeassy Ttm is set to the correct level position.

The user of this Agrispredtm Bigeassy Ttm is fully responsible at all times for the safety of any persons that may be in the vicinity of the implement. Use of the Bigeassy Ttm implies that the operator has read and fully understands the safe operation of this implement. Other conditions that may affect safe operation include but are not limited to: weather, ground conditions, land contour, visibility, bale weight and size, tractor and linkages, operator skill/experience.



Safety First

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your AGRISPRED™ dealer.

OPERATE YOUR MACHINE SAFELY

Be careful when operating machine to avoid injury.

Serious injury or death can result from contact with electric lines. Use care when moving or operating the machine near electric lines to avoid contact.



Be careful when operating on hillsides, tractors/ATVs can tip sideways if it strikes a hole, ditch or other irregularity.

Permit only one person, the operator, on tractor/ATV platform while tractor/ATV is in operation. Keep riders off. They are subject to injury such as being struck by foreign object and being thrown off the machine. They also obstruct the operators view.



WEAR PROTECTIVE GEAR

Wear close fitting clothes and safety equipment appropriate to the job.

Wear suitable hearing protective device as prolonged exposure to loud noise can cause impairment or loss of hearing.



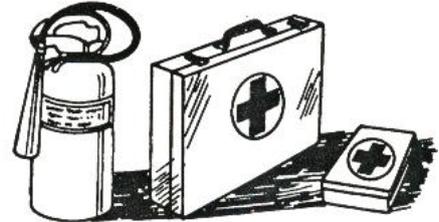
Wear safety gloves when working with any machinery, as there can be sharp edges.

Operating equipment safely requires the full attention of the operator. Do not wear radio headphones while operating machine.



BE SAFE WITH CHEMICALS

Direct exposure to agricultural and hazardous chemicals can cause serious injury. Potentially hazardous chemicals used with AGRISPRED™ equipment include such items as lubricants, coolants, fertilizer, paint and adhesives. If in doubt, contact your local AGRISPRED™ dealer for information about chemical safety and first aid procedures.



Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any build-up of grease, oil, or debris.

Remove paint before welding or heating. Avoid potentially toxic fumes and dust when sanding, repainting or welding. Do all work outside in a well-ventilated area. Dispose of paint and solvent properly.



Avoid heating near pressurized fluid lines or other flammable materials. Pressurized lines can be accidentally cut when heat goes beyond the immediate flame, which could result in severe burns to yourself and bystanders.

Avoid high-pressure fluids. Escaping fluid under pressure can cause injury. Relieve pressure before disconnecting hydraulic or other lines.

DISPOSE OF WASTE PROPERLY

Improper disposing of waste can threaten the environment and ecology. Use leak-proof equipment when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

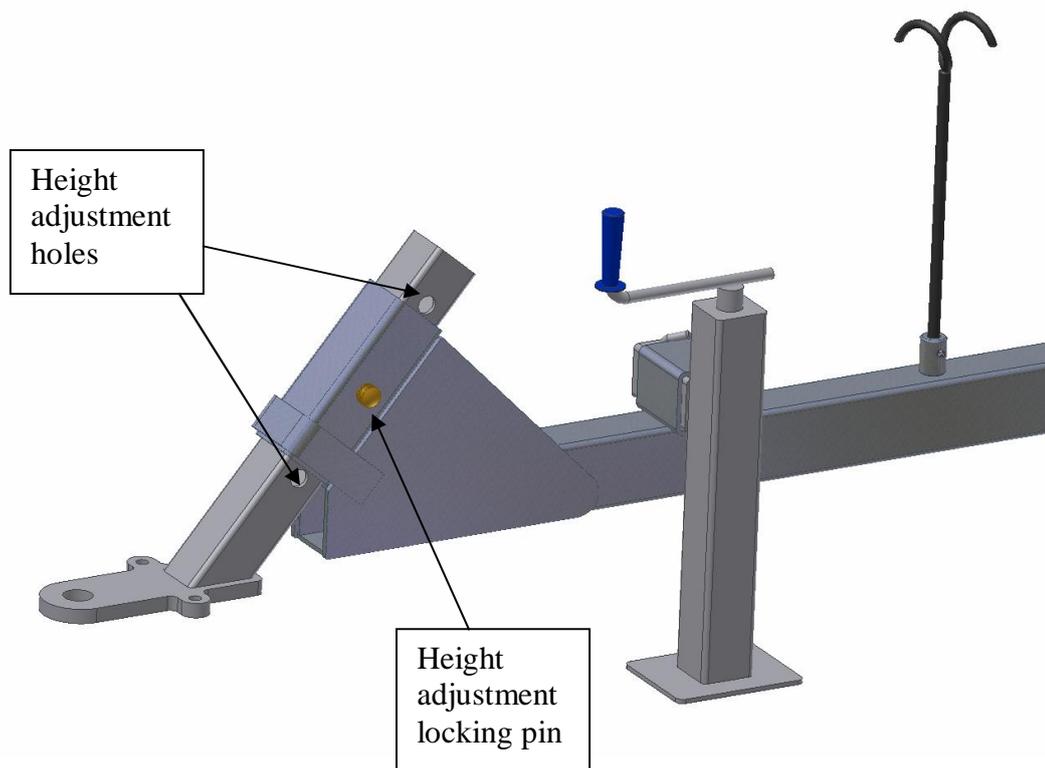


Do not pour waste onto the ground, down a drain, or into any water source. Use the manufactures directions on the correct way to recycle or dispose of waste



Set-up

The Bigeasy Ttm is designed to be level during operation, this will encourage the bale being fed out to remain in the centre of the conveyor bed and maximize performance, also aiding in easy bale loading, as the bale loading forks will be positioned perfectly when lowered. This is achieved by selecting the appropriate height for the drawbar to suit the tractor, using one of the eight adjustment holes on the drawbar slider.

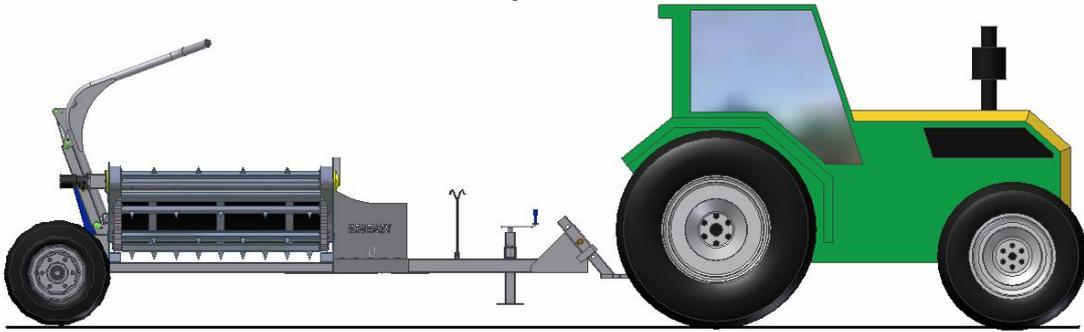




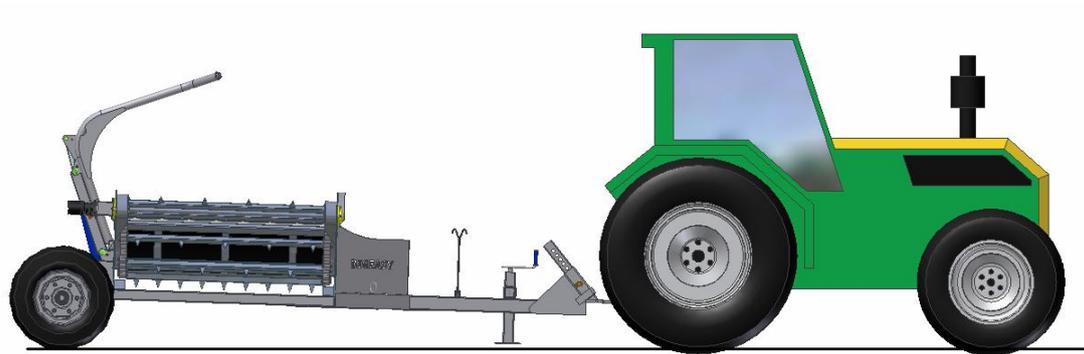
Set-up



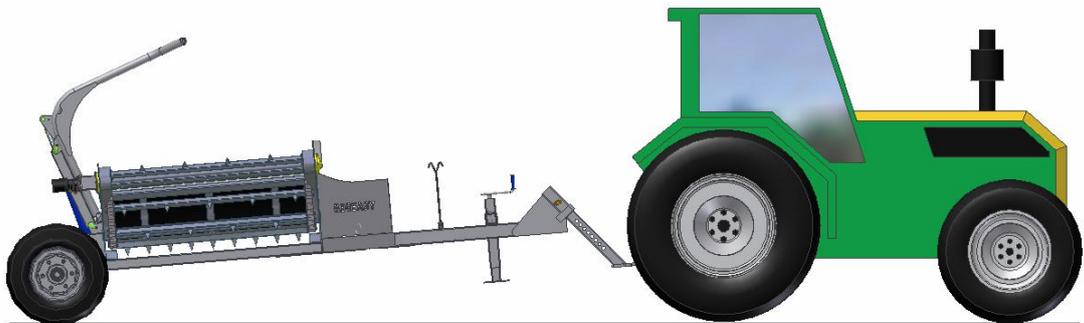
**Correct Drawbar
Adjustment**



**Leaning to
Far forward**

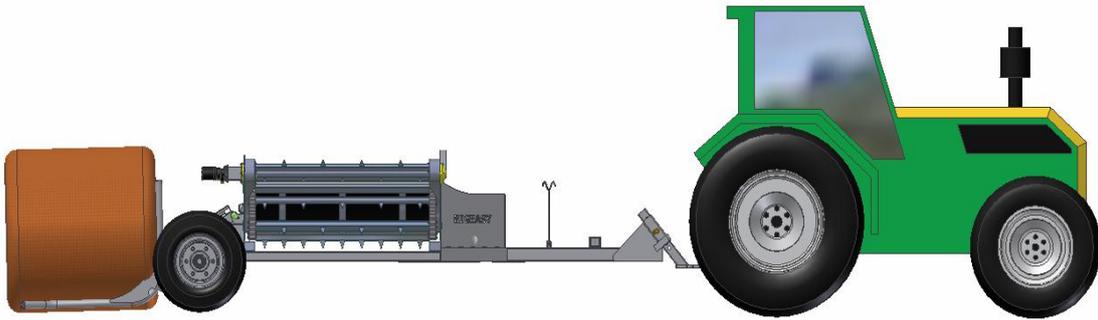


**Leaning to
Far back**

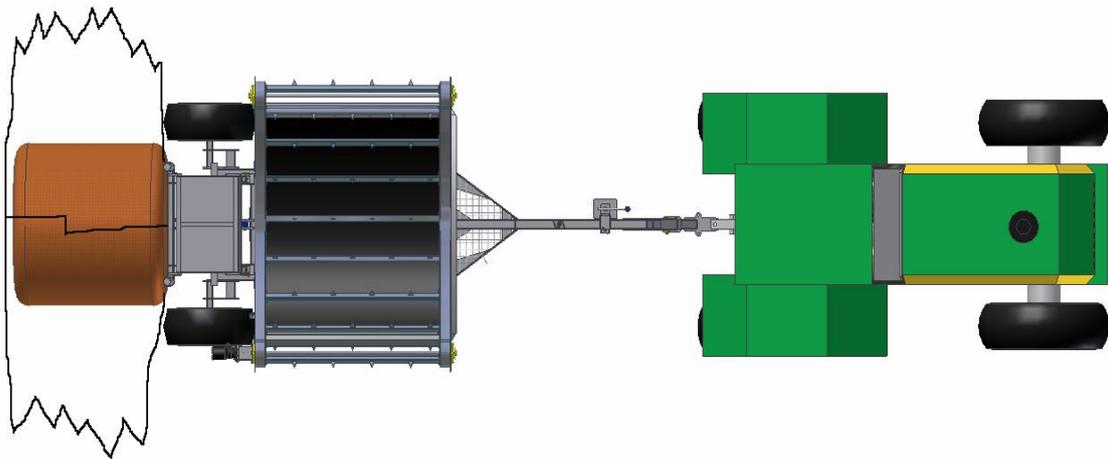




Loading Bales

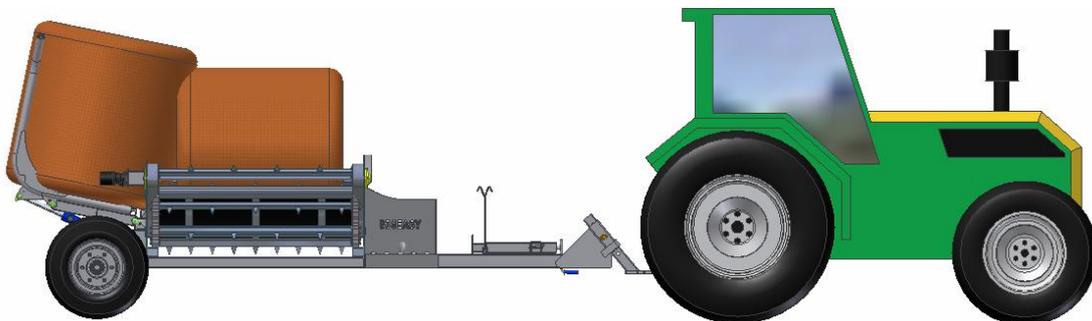


Lower the forks, drive forks under bale until uprights are in contact with the bale, now the bale is ready for lifting.



If using wrapped bales the wrap can be removed as soon as the bale is clear of the ground.

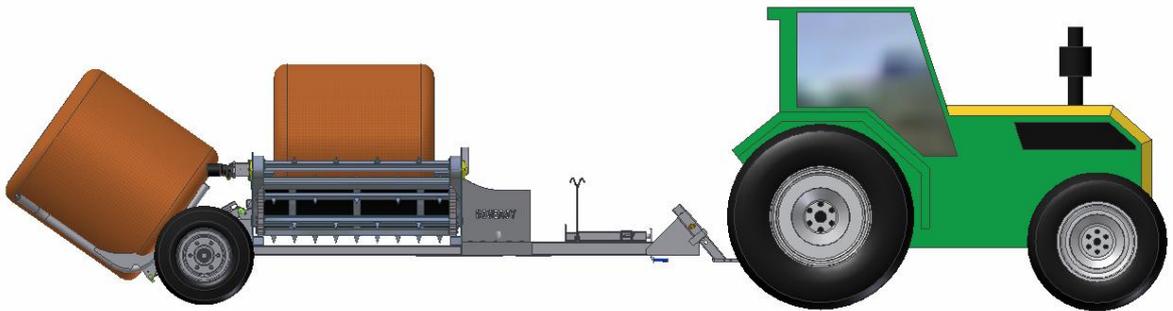
Note: If the bale is very soft and falling apart unwrap just before loading onto conveyor table (be sure to remove all wrap and string before feeding out).



If 2 bales are to be carried the second must be lifted up to touch the other when transporting to the desired paddock or feed pad to maximize stability and spread the load evenly



Feeding out set-up

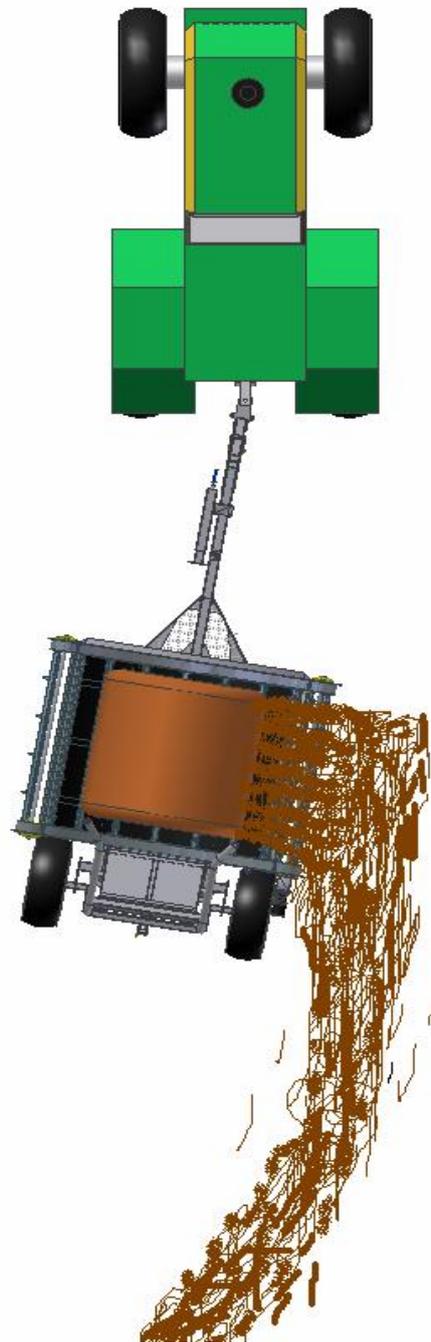


When preparing to feed out (if carrying 2 bales) the second bale should be lowered to a point where it is stable on the forks and not interfering with the bale which will be rotating. The Bigeasy T^{lm} should also be as level as possible this will encourage the bale to sit in the middle of the conveyor table which will ensure the even and smooth distribution of feed and overall performance.

Note: with the second bale lowered to this position it will be less stable over rougher terrain so speed considerations and operator awareness is very important.



Feeding out



The speed of the tractor and hydraulic flow to the conveyor motor are the governing factors that determine the width and placement of feed, this is up to personal preference and application requirements.

Note: some tractors will over speed the conveyor with hydraulic flow set to maximum so it is recommended that the flow be backed off to approximately 25 ó 30 litres per minute then set to the desired feed out speed from there.



Maintenance

Conveyor Drive Chains

The conveyor drive chains should be trouble free as they are of heavy construction (12000 lb rated) and also have a corrosion resistant coating but may require some oil from time to time if squeaking is heard or if the Bigeazy Ttm is to be left outside for extended periods.

Note: when new the conveyor chains may be noisy for the first few hours this is normal and is the bedding in period.

Bearings and grease points

The sprocket shaft bearings will require regular greasing but it is very important not to over grease as this can be damaging. The fork assembly and grab table assembly has 6 grease points at the pivots and should also be regularly lubricated.

The **Grub Screws** securing the bearings to the sprocket shaft will require checking after the first 5 hours operation and tightening if necessary.

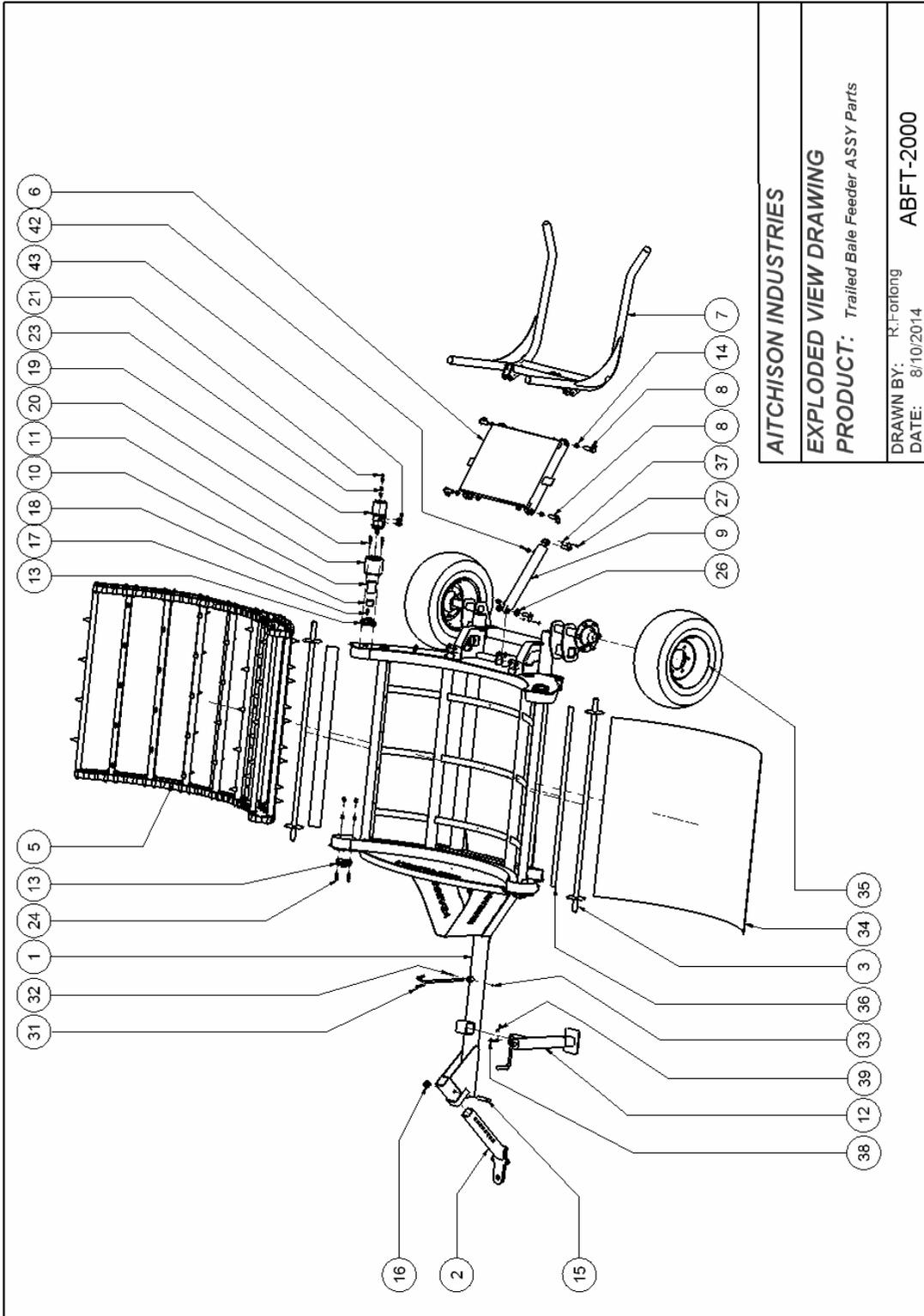
Hydraulic Drive Motor

The hydraulic drive motor should give years of trouble free service due to its high torque and robust construction. The tractors hydraulic system should be in very good order (clean well filtered oil) this will ensure the drive motors longevity.

Note: it is also important to regularly check the hydraulic motor mount flange bolts as they may need tightening from time to time due to the high torque loading in both directions.



Assembly Parts





Assembly Part Numbers

Parts List				Parts List			
ITEM	QTY	DESCRIPTION	PART NUMBER	ITEM	QTY	DESCRIPTION	PART NUMBER
1	1	Trailed Bale Feeder Frame Complete ASSY	A4760-ASSY	23	2	12mm Spring Washer	9052
2	1	Sliding Toweye	A4762	24	12	M12 x 40 Bolt	8503H
3	1	Sprocket Shaft Non Drive Side ASSY	A4713	25	16	M12 Nyloc Nut	9151
4	1	Sprocket Shaft Drive Side ASSY	A4714	26	2	Ram Mount Spacer	A4700-10
5	1	Conveyor Assembly	A4706-ASSY	27	6	M8 x 25 Bolt	8305H
6	1	Grab Table ASSY	A4701	28	6	8mm Flat Washer	9031
7	1	Spike ASSY	A4702	29	4	M6 Grease Nipple Straight	9323
8	6	Ram Pin Assy	A4710	30	2	M6 Grease Nipple 90 Degree	9325
9	1	Bale Buggy Ram 17" Stroke	A4700-02	31	1	Hydraulic Hose Pig Tail Pole	A23188-14
10	1	Motor Drive	A4711	32	1	M6 x 45 Bolt	8203H
11	1	Motor Mount ASSY	A4712	33	1	M6 Nyloc Nut	9109
12	1	Drawbar Stand ASSY	A4763	34	1	Plastic Bed	A4700-03
13	4	UCF 207 Bearing / Housing	92261 / 92262	35	2	10.075-15.3 Wheel	A5110-03
14	8	16DU12 1"x 1-1/8" x 3/4" DU Bush	A4701-08	36	2	Plastic Bed Top Retaining Strip	A4700-09
15	1	Top Link Pin B76	A23189-02	37	6	M8 Nyloc Nut	9105
16	1	Linch Pin	9288	38	1	Stand Pin	A4763-02
17	1	Motor Drive Inner Key	A4700-12	39	1	3mm R Clip	9280
18	1	Motor Drive Inner	A4700-04	40	12	4.8 x 12 SS Pop Rivet	9301
19	1	MTA OR400C Motor	A4704-05	41	2	1/2BSPT to 3/8BSPP Male Nipple	H3217
20	4	M12 x 45 Bolt	8504H	42	2	1/2BSPT to 1/2BSPP Male Nipple	H38101
21	2	M12 x 35 Bolt	8510H	43	1	Trailed Bale Feeder Hydraulic Hose Kit	A4764
22	18	12mm HD Flat Washer	9054				

ITEM	QTY	PART NAME	MATERIAL	PART NUMBER
AITCHISON INDUSTRIES				
TOLERANCE UNLESS OTHERWISE STATED				
NOMINAL DIMENSIONS, MM	0-5 up to 3	over 5, up to 30	over 30, up to 150	over 150, up to 300
TOLERANCE	± 0.1	± 0.2	± 0.5	± 0.8
			± 1.0	± 2.0
				± 3.0
Trailed Bale Feeder ASSY Part Numbers				
DRAWN: R. Forlong				
DATE: 8/10/2014				
APPROVED				
DRAWING NO. ABFT-2000				

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Conveyor Assembly

Note: Must Alternate 4 & 5 spike when assembling

Parts List		DESCRIPTION	PART NUMBER
1	8	Chain Runner 5 Spike	A4707
2	8	Chain Runner 4 Spike	A4708
3	2	Bale Buggy Roller Chain	A4709
4	64	M12 x 65 Bolt	8507H
5	64	M 12 Nylock Nut	9151
6	2	Chain Joining Link 3 Inch Pitch	A4709-J

Note: Assemble Conveyor On Machine Once Sprockets Are In Place
Note: Avoid Mounting Chain Runners On Any Joining Link

ITEM	QTY	PART NAME	MATERIAL	PART NUMBER
		AITCHISON INDUSTRIES	DO NOT SCALE	ALL DIMENSIONS IN MM
			Conveyor Assembly	

DRAWN: R Forlong	DATE: 23/07/2013	DRAWING NO. A4706-ASSY
SCALE: 1 : 10	APPROVED:	

TOLERANCE UNLESS OTHERWISE STATED					
NOMINAL DIMENSIONS, MM	± 0.1	± 0.2	± 0.5	± 0.8	± 1.0
	up to 3	up to 6	up to 30	up to 75	up to 100
	up to 6	up to 12	up to 30	up to 75	up to 100
	up to 12	up to 25	up to 50	up to 100	up to 300
	up to 25	up to 50	up to 100	up to 300	up to 1000
	up to 50	up to 100	up to 300	up to 1000	up to 3000
TOLERANCE	± 0.1	± 0.2	± 0.5	± 0.8	± 1.0
	up to 3	up to 6	up to 30	up to 75	up to 100
	up to 6	up to 12	up to 30	up to 75	up to 100
	up to 12	up to 25	up to 50	up to 100	up to 300
	up to 25	up to 50	up to 100	up to 300	up to 1000
	up to 50	up to 100	up to 300	up to 1000	up to 3000

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