



**BAUMAN
MANUFACTURING**

Hay Fluffer Tedder



Operators Manual

Index

Introduction	2
Serial Number	2
Dealer Information	2
General Information	3
Setup and Adjustment	3
Maintenance	4
Safety	4-5
Parts List	6
Parts Break Down	7-9

Introduction

Congratulations on your purchase of a Bauman Hay Fluffer Tedder. Thank-you for choosing a quality product from Bauman Manufacturing Ltd. We strive to build a quality piece of equipment. With a little care and maintenance this machine will do your work for you for many years.

In this manual we make an effort to get you acquainted with the machine so you can achieve maximum performance. Correct usage of the machine also includes observance of the factory's preparation, operation and maintenance instructions. This operator's manual will help you understand and use the many features on the machine and contains information which explains how to use and maintain the machine so that you utilize its full potential. All the information, illustrations and technical specifications in this manual are based on the last product information at the time of printing. Please note that it is within our rights to make changes and improvements to our equipment without updating the equipment that was manufactured before the change took place. Bauman reserves the right to change design and specifications and/or to make additions and improvements to the product without notice. Please take a few minutes to fill out the area below. This information will be valuable to you when ordering parts from your dealer later.



Dealer Name: _____

Dealer Phone Number: _____

Model Number: _____

Serial Number: _____

Date of Purchase: _____

The tedder's serial number can be found on the main frame of the machine close to the gearbox mount. Please use this number when requesting service, seeking information, or ordering parts. Please record this number in this owner's manual.

General Information

The Bauman Hay Fluffer Tedder is design to gently lift and release hay with minimum leaf damage. This machine is designed to fluff hay and forage crops. Bauman will not cover under warranty a tedder that has been used outside of these crops. The operator must read and understand all of the information in this manual to make sure that you operate the machine correctly and thus avoid unnecessary risk of accidents and breakdowns. Always stop the tractor engine before you adjust, lubricate, or repair the machine. Remember to remove the ignition key to make sure no one starts the tractor while you are repairing the machine. Never under any circumstances let anyone get close to or stay close to the machine while in operation.

Attachment / Setup / Adjustment

Always use a tractor that is at least twice the weight of the tedder. When attaching to the draw bar always use a draw pin with a safety clip to avoid the draw pin bouncing out and the tedder disconnecting from the tractor. Attach the PTO shaft to the tractor. Make sure that the PTO yoke push pin is engaged properly. **REMEMBER!!** The power take-off shaft's safety shield must be undamaged when operating the machine. If necessary change the safety shield. Attach a safety chain to the machine.

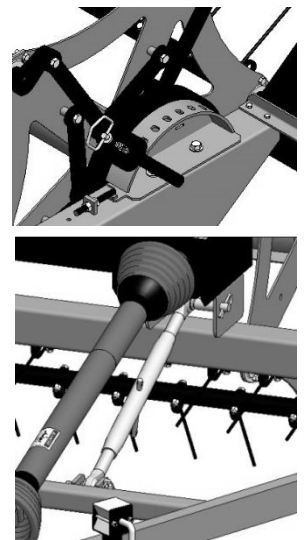
Transporting the machine

Never allow riders on the tractor or on the machine. Remain fully aware of the width of the tedder in relation to objects you are passing. Always follow local traffic laws in regards to the transporting of farm equipment. Be sure the slow moving vehicle sign is visible at all times. Never travel on the road at night. Your machine is not equipped with lights.

Field setup

Do not make any adjustments to the tedder unless the tractor is shut off and the PTO is disengaged. To obtain optimum hay fluffing, **tractor engine RPM should range from 1200–1500 and travel speed from 5-7 mph**. Going over recommended engine RPM may cause damage to the machine and void your warranty. To adjust the tooth or tine angle, disengage the PTO and shut off the tractor, then on the right hand side of the machine lift spring pin and move lever to the desired location. The + symbol will move the tooth to a more aggressive position that will throw the crop higher and the - symbol will do the opposite.

To make height adjustment to the machine, you must disengage the PTO shaft and shut off the tractor and wait until the machine comes to a complete stop before making any adjustments. After machine has come to a complete stop make adjustments on the turn buckle under the PTO shaft to change the height of the reel. We recommend 1-2" clearance between the ground and the bottom of the tooth. While it is impossible to eliminate all contact with the ground, try to keep it at a minimum as this not only wears the tines, it also contaminates your hay with dust and creates unnecessary wear on your other harvesting equipment.



Maintenance

Warning: When repairing, maintaining and cleaning the machine, it is particularly important to be aware of safety precautions. Therefore always park the tractor (if connected) and machine according to precaution measures.

Important: Bolts on your new machine must be tightened up after 2 hours of working. Furthermore, all moveable parts have to be greased.

As is the case with any piece of new equipment, periodically check for loose bolts and nuts. Paint and parts settling after the initial vibrations are common and can cause bolts or nuts to loosen. Check the following parts frequently; tines, bat arms, cam arms, guards, pulleys, bearings, wheels, etc. Lubricate the bearings regularly. You should check the gearbox at least once a year. If necessary, fill to the proper level with oil. Remember when filling up with oil, the machine must be in a horizontal position. The gearbox should have approximately two inches of oil in it. It is important to keep the drive belts tight. At each end of the reel there are pillow block bearings, loosen the bolts 1 round only. Tighten the adjustment bolts (uniformly on both sides) until the belts are tighten to the proper tension, and then retighten the bearing bolts.



Safety ▲

Always stop the tractor engine before you adjust, lubricate, or repair the machine. Remember to remove the ignition key to make sure no one starts the tractor while you are repairing the machine.

Below you will find the precautions of which the operator must have thorough knowledge:

- Always read and obey warning/danger labels.
- The operator must make sure before operating machine that all guards and grills are in place and attached properly.
- Stay clear from all moving parts! Rotating parts can cause serious injury.
- Never allow riders on the tractor or the tedder.
- Remain fully aware of the width of the tedder in relation to objects you are passing.
- Do not start the tractor before all persons are a safe distance from the machine.
- Check that all the safety shields are properly in place.
- Never operate the machine wearing loose garments; loose garments could be pulled in by a movable part of the machine.
- Always use statutory vehicle lights and safety markings as required by law when using public roads or when driving in the dark.
- Never stand close to the machine when in operation.
- Do not use the machine for any other kind of work than that for which it has been constructed. The machine must be used for the purpose for which it had been manufactured.
- Only use original spare parts.
- Beware of humans and animals standing near the machine.

The operator has the responsibility not to get himself or others in danger during work.

Safety Labels

The danger labels on our equipment are for your safety, and also for those people that are close to the machine. Always read and obey warning/danger labels. The operator must make sure before operating machine that all guards and grills are in place and attached properly.

The decals shown below are some of the decals on your machine. These safety decals are for the safety of yourself and others and must be obeyed at all times. If these labels or decals are missing or become faded you the owner are responsible to have them replaced. Please contact your dealer for replacements.



Parts List

	Code	Description	Qty Req 7'	Qty Req 9'
1	5910 600	PTO SHAFT	1	1
2	5910 800	GEAR BOX	1	1
3	2MBL4.9	PULLEY	1	1
4	2B13.6	PULLEY	1	1
5	QT-104	BUSHING 1-1/4	1	1
6	SK-106	BUSHING 1-3/8"	1	1
7	BLTBX091	VEE BELT	2	2
8	UCF 206-20	BEARING 1-1/4	1	1
9	UCP 207-22	BEARING 1-3/8	2	2
10	SA 206-20	INSERT 1-1/4 ELC	15	15
11	FL6-Z	FLANGETTE 2 BOLT	30	30
12	5910 461	BEARING TIGHTENER	1	1
13	5910 460	CAM GAUGE	1	1
14	5910 402	CAM ONLY	1	1
15	5910 450	CAM INNER HUB	1	1
16	5910 405	SPRING PIN LATCH	1	1
17	5910 441	CAM ARM / BAT PIN	5	5
18	5910 420	CAM ARM LONG	5	5
19	5910 430	CAM ARM SHORT	5	5
20	5910 410	CAM ROLLERS	5	5
21	5910 306	CENTER BAT COUPLER	5	5
22	5910 305	DRIVE END BAT PIN	5	5
23	66560	HITCH PIN 3/4" X 4 1/2"	1	1
24	66284	HITCH PIN 3/4" X 6 1/4"	1	1
25	66620	TOP LINK 3/4" CAT 1	1	1
26	66602	TOP LINK BUSHING CAT 1	2	2
27	5910 500	GUARD BELT & PULLEY	1	1
28	5710 501	GUARD GEAR BOX & CROSS SHAFT	1	
28	5910 501	GUARD GEAR BOX & CROSS SHAFT		1
29	5710 310	REEL BAT 41.25"LONG	10	
29	5910 310	REEL BAT 53.25"LONG		10
30	5910 320	REEL SPIDER	3	3
31	5710 330	REEL TUBE W/FLANGE CAM END	1	
31	5910 330	REEL TUBE W/FLANGE CAM END		1
32	5710 340	REEL TUBE W/FLANGE DRIVE END	1	
32	5910 340	REEL TUBE W/FLANGE DRIVE END		1
33	5910 300916ST	SPRING TINE TOOTH	80	100
34	5710 200	TEDDER FRAME 7'	1	
34	5910 200	TEDDER FRAME 9'		1
35	5910 100	TEDDER HITCH	1	1
36	5910 700	WHEEL	2	2
37	95-060	TANDEM WHEEL	4	4
38	H 02500 1 5 450	WHEEL HUB	2	2
39	5910 TANDEM	TANDEM KIT (LEFT & RIGHT)	2	2
40	TJP-2001S-B	2000LBS JACK	1	1

