

OPERATING INSTUCTIONS FOR THE LAURIER 6 BALE MOVER



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OPERATION:

OPERATING INSTRUCTIONS FOR THE LAURIER 6 BALE MOVER

SAFETY:

Refer to Caution indications before operating the bale mover.
Operate all bale mover controls from the tractor seat.
Check with local authorities for regulations concerning high-way travel.

TO THE NEW OPERATOR:

The model 6-1500 Laurier Bale Mover is designed for maximum work efficiency with minimum operator fatigue. An unfamiliar operator should spend time to learn the operative characteristics of the machine: Selector valve control, transport cylinder deck cylinder and chain drive. A period of careful practice will be rewarded by safe and efficient operation in the field.

TRACTOR PREPARATION AND HOOKUP:

- The Laurier 6-1500 Bale Mover must be operated with a tractor equipped with a 10 gallon capacity hydraulic pump with 2000 pounds pressure.
- Adjust the tractor drawbar so that the Bale Mover is 12 - 15" above the ground. The tractor drawbar must be stationary. Secure the Bale Mover to the tractor drawbar with appropriate draw pin.
- Sufficient hydraulic hoses are supplied to reach the tractor. Fittings must be purchased to suit each particular outlet and fitted to the hoses. Connect the hydraulic hoses to the tractor making sure couplings are properly connected.
- Store swivel hitch jack in the horizontal position.
- Attach the selector valve control rope to the tractor in such a position that it cannot be caught in the power take off or tractor tires, even when making a turn, but can readily be reached from the tractor seat.

PREPARING THE BALE MOVER FOR THE FIELD:

Before commencing to operate the Bale Mover check the following items:

Check that the tires are properly inflated, Tire pressure 40 psi for 9.5L x 15 6 ply .

Lubricate sparingly all grease fittings: Grease daily with SAE multipurpose grease.

4 fittings oscillating axles

3 fittings swivel stub hitch

3 fittings bearings

8 fittings roller chain idlers

Check for correct chain tension:

Roller chain adjustment:

To adjust the roller chain on each rail, grasp the chain on center and lift. The chain should have an

4 " lift. To adjust the chain tightener: loosen 5/8 locknut , tighten first 5/8 nut.

Hydraulic drive chain adjustment: for proper adjustment the drive chain should have 3/16" up and down movement.

CAUTION: BEFORE OPERATING HYDRAULICS
REMOVE TRANSPORT SAFETY PIN.

MODE OF OPERATION:

The Laurier 6 Bale Mover is able to pickup and transport 6 - 1500 pound bales. Follow the mode of operation below to ensure a safe and efficient procedure.

1. Remove transport safety pin. Activate the deck cylinder, raise the deck sufficiently to clear the transport lock device. Using the selector valve control rope, activate the selector valve; operate the transport cylinder while the tractor and bale mover are moving forward. The bale mover is now in field position.
2. Approach the first round bale while lowering the deck, using the front deck shoes as guides. Activate the bale mover hydraulic motor. Advance tractor in ratio with the chain drive speed. Retain tractor speed till the bale is loaded. Activate the deck cylinder to raise deck.

CAUTION: DEPENDING UPON BALE WEIGHT THE FIRST BALE MAY HAVE TO BE ADVANCED TOWARDS MOVER CENTER UNTILL APPROACHING THE SECOND BALE. ACTIVATE THE BALE MOVER HYDRAULIC MOTOR IN REVERSE TO RETURN THE FIRST BALE TO THE SECOND.

Continue to load round bales in similar fashion till 6 bales are loaded.

TRANSPORTING:

To return mover deck to transport position:

1. Raise mover deck to clear transport lock device.
2. While moving forward, using the selector valve control rope, activate the transport cylinder, returning the mover bed to the transport position. Lower mover deck to transport lock device.

CAUTION: TRACTOR AND BALE MOVER MUST BE ADVANCING WHILE MOVER DECK IS BEING RETURNED TO TRANSPORT POSITION, THIS ACTION RELIEVES SIDE PRESSURE ON THE FOUR WHEEL RIMS.

3. While in transport position, transport safety pin must be installed if the hydraulic lines are not pressurized.

UNLOADING:

To unload the 6 Bale Mover proceed as follows:

Choose a level clean area to unload the bale mover.

1. Operate the deck cylinder to raise deck clear of transport locking device, till rear mover shoes are on ground level.
2. Activate mover hydraulic motor.
Advance tractor in ratio with chain drive speed.
Retain tractor speed constant till all the bales are unloaded.
3. Return the mover deck to transport position.