JOHN DEERE 200 BALE ELEVATOR AND MOW CONVEYOR

JOHN DEERE

OPERATORS MANUAL

JOHN DEERE 200 BALE ELEVATOR
AND MOW CONVEYOR

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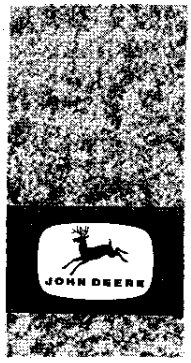


TO THE PURCHASER

This manual contains operating and servicing instructions for the John Deere 200 Bale Elevator, the 200 Mow Conveyor, and the 200 Combined Elevator and Conveyor. The operator can lighten the task of bale handling immensely by taking advantage of the potential uses of this equipment. A little ingenuity on the part of the operator can adapt the elevator and conveyor to many uses on the farm. Some of the illustrations shown in this operator's manual will suggest practical applications for using the elevator and conveyor.

The elevator and conveyor have been designed to give many years of satisfactory service. The successful operation and long life of the elevator and conveyor depend on proper operation and care given to the machine. The first recommendation is that you read this manual carefully and follow the instructions. By doing so, you may save much time and expense. If additional information is needed, see your John Deere dealer.

Pre-lubricated sealed bearings are used at all bearing points on the elevator. The only exceptions are the sprockets for the drive attachments and wheels for the transport truck. Follow the instructions for periodic lubrication as shown on page 22.

When in need of parts, see your John Deere dealer. He is equipped to provide genuine John Deere parts and service.

The warranty for this elevator and conveyor will be found in your copy of the Purchase Order which you should have received from your dealer when the equipment was purchased.

LOCATION REFERENCE

The lower, or motor end of the elevator is designated as the boot section, and the forward, or upper end as the head section. Right- and left-hand references are determined by facing the direction of bale travel from the boot section of elevator.

IDENTIFICATION

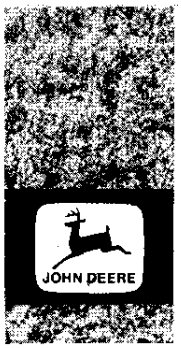
Your elevator and conveyor are known as the John Deere 200 Bale Elevator and Conveyor.

Before you forget, fill in the date of purchase below. It will help your dealer provide prompt parts service.

JOHN DEERE 200 ELEVATOR AND CONVEYOR

Date Purchased . . . . . .19. . . .

(To be filled in by Purchaser)



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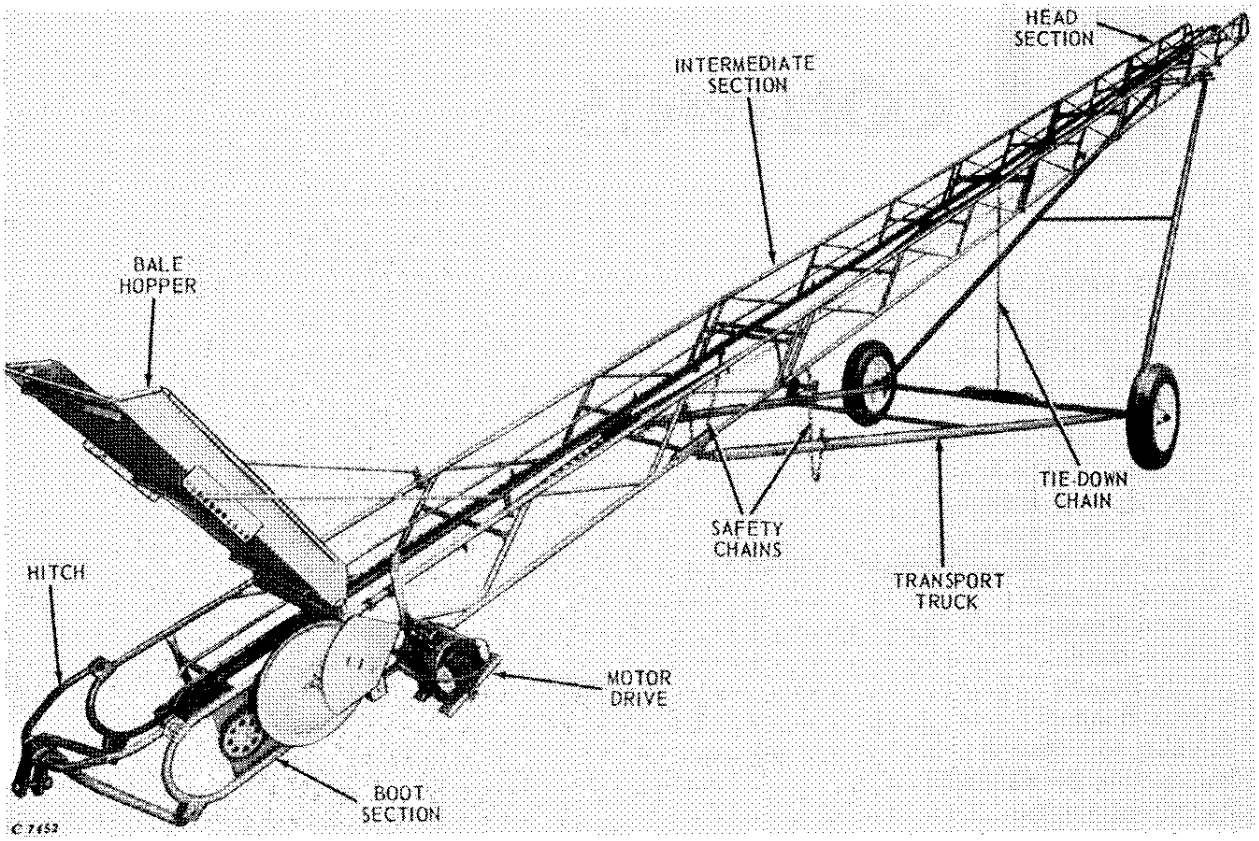
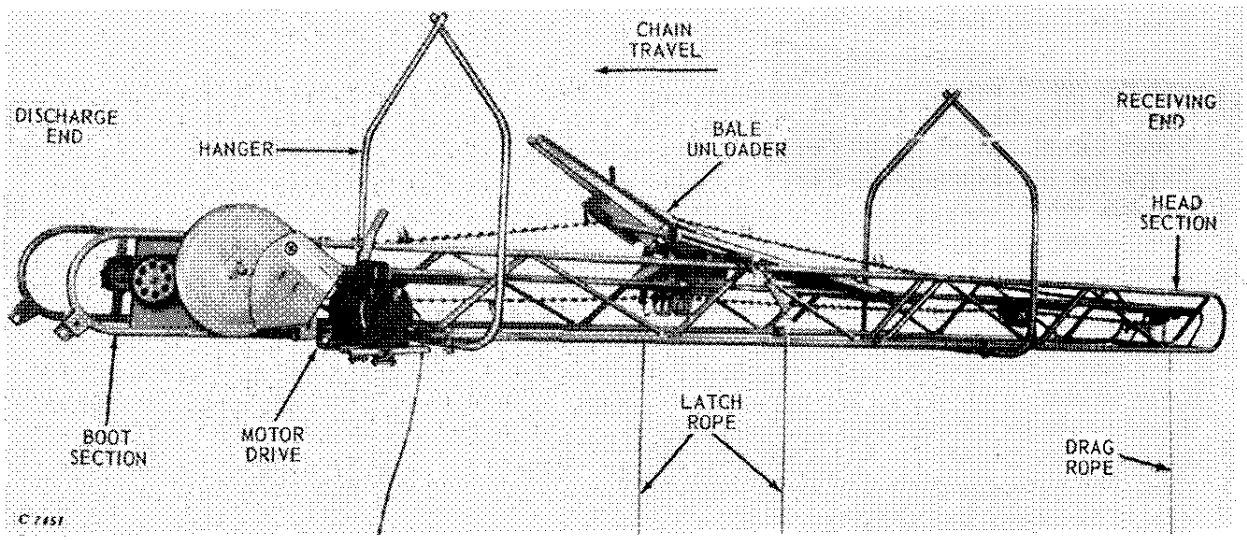
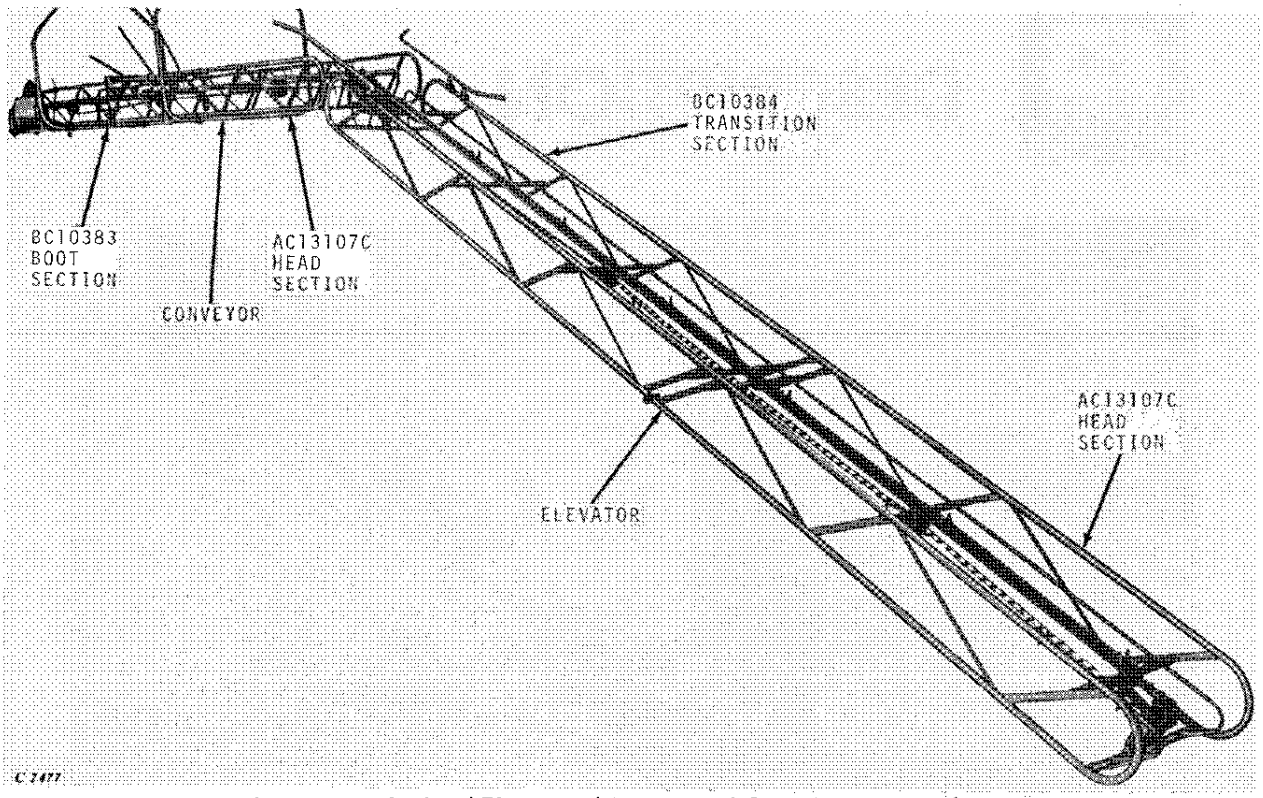


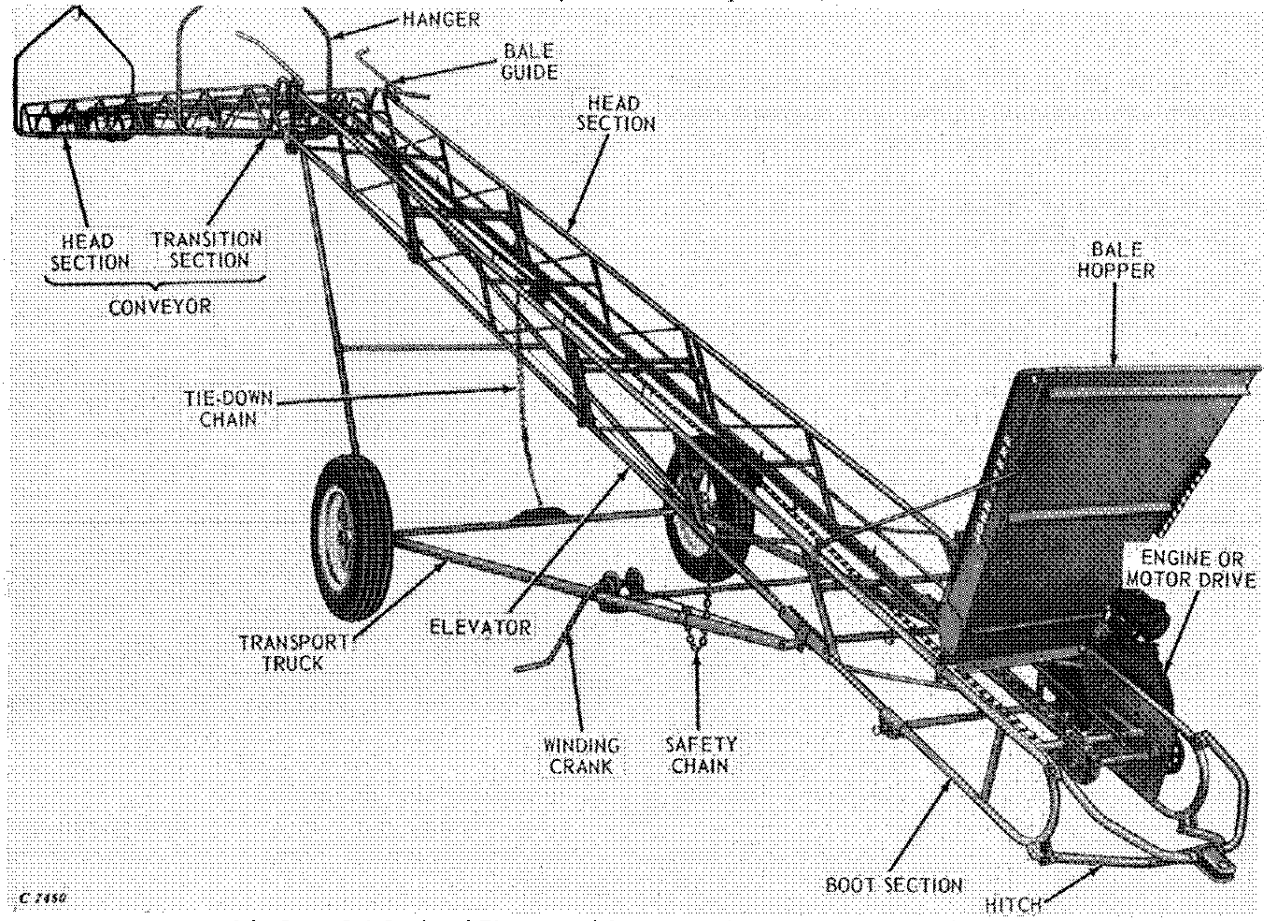
John Deere 200 Bale Elevator with Transport Truck



John Deere 200 Mow Conveyor Suspended by Hangers Attached to the Fork Carrier Track

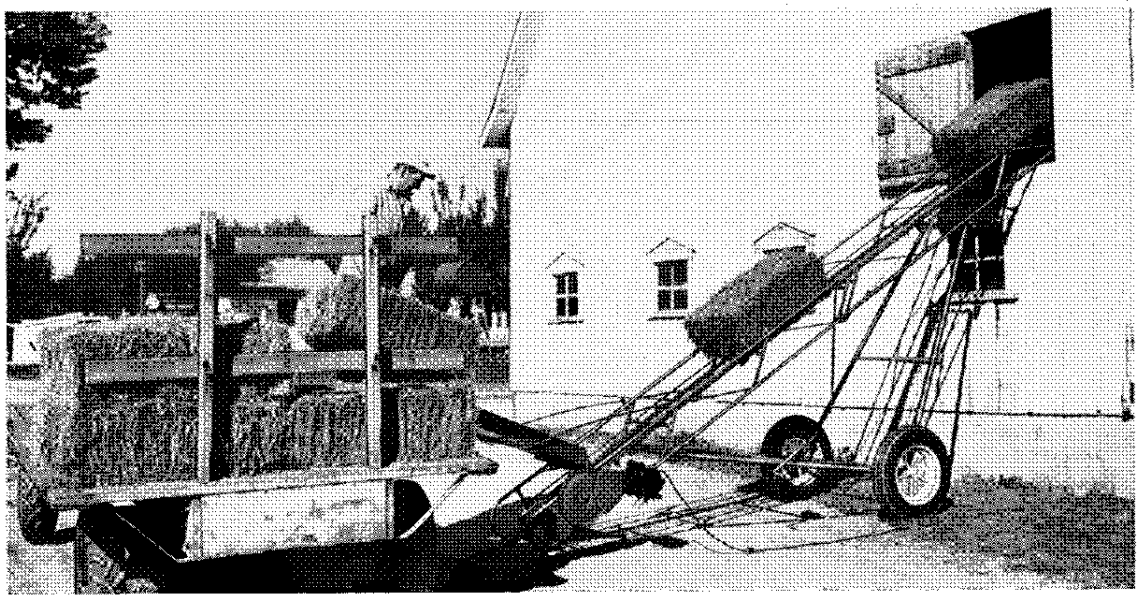


John Deere 200 Combined Elevator and Conveyor with Power Unit on Boot of Conveyor
(This Setup Pulls the Conveyor Chain)



John Deere 200 Combined Elevator and Conveyor with Power Unit on Boot of Elevator
(This Setup Pushes the Conveyor Chain)

DESCRIPTION



John Deere 200 Elevator with Transport Truck

The John Deere 200 Bale Elevator and Mow Conveyor are made of lightweight, tubular-type steel. This design makes them more versatile than conventional bale-size elevators because they are so easy to set up, move, and transport.

The 200 Bale Elevator may be used as an elevator, a bale conveyor, or both. Without a transport truck, it can be carried like a ladder.

The 200 Mow Conveyor may be laid on the mow floor or on top of a stack to carry bales where you want them. The conveyor also may be suspended from the roof of the barn.

The Elevator and Conveyor may be used together either in a barn or when building a stack in the field.

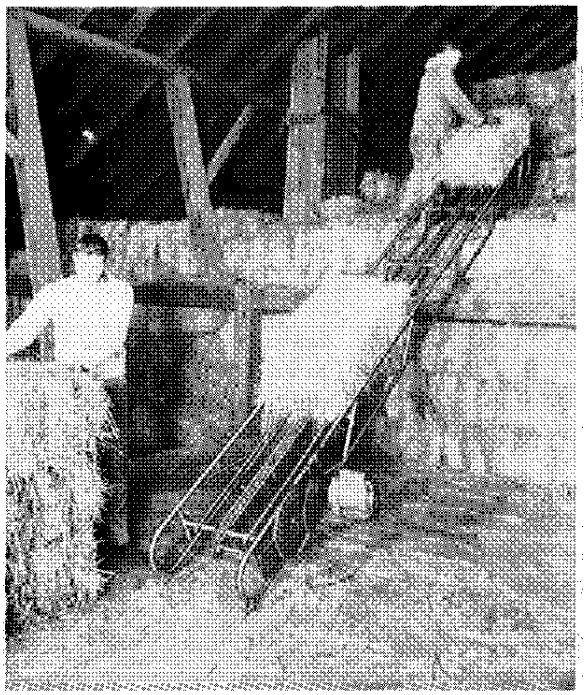
When combined, both the elevator and conveyor may be driven by one power unit, mounted either at the boot of the elevator or at the far end of the conveyor. A simple drive connects the two units together eliminating the need for an extra motor.

The elevator can be operated by an electric motor (which should always be used on inside installations to reduce fire hazard), gasoline engine, or tractor power take-off.

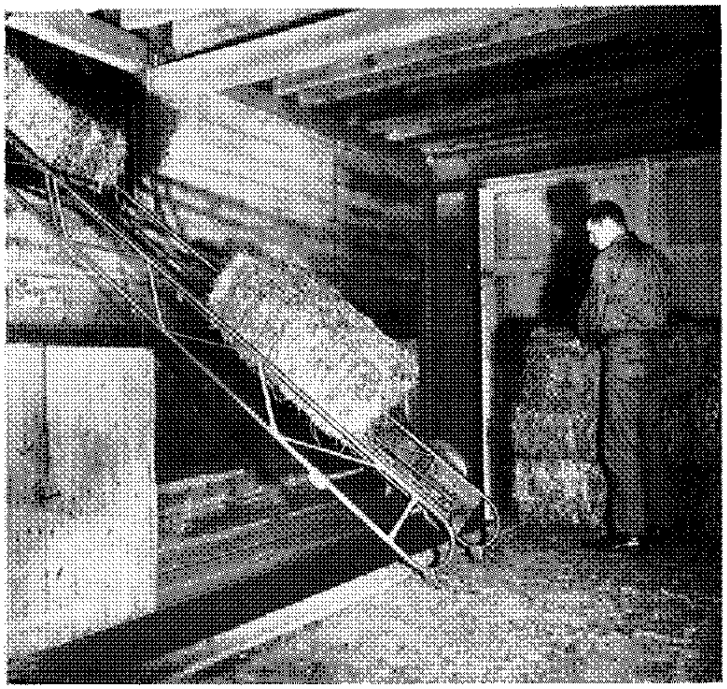
Electric motor and gasoline engine units may be detached quickly and easily to reduce weight when moving the elevator.

John Deere 200 Elevator Without Transport Truck

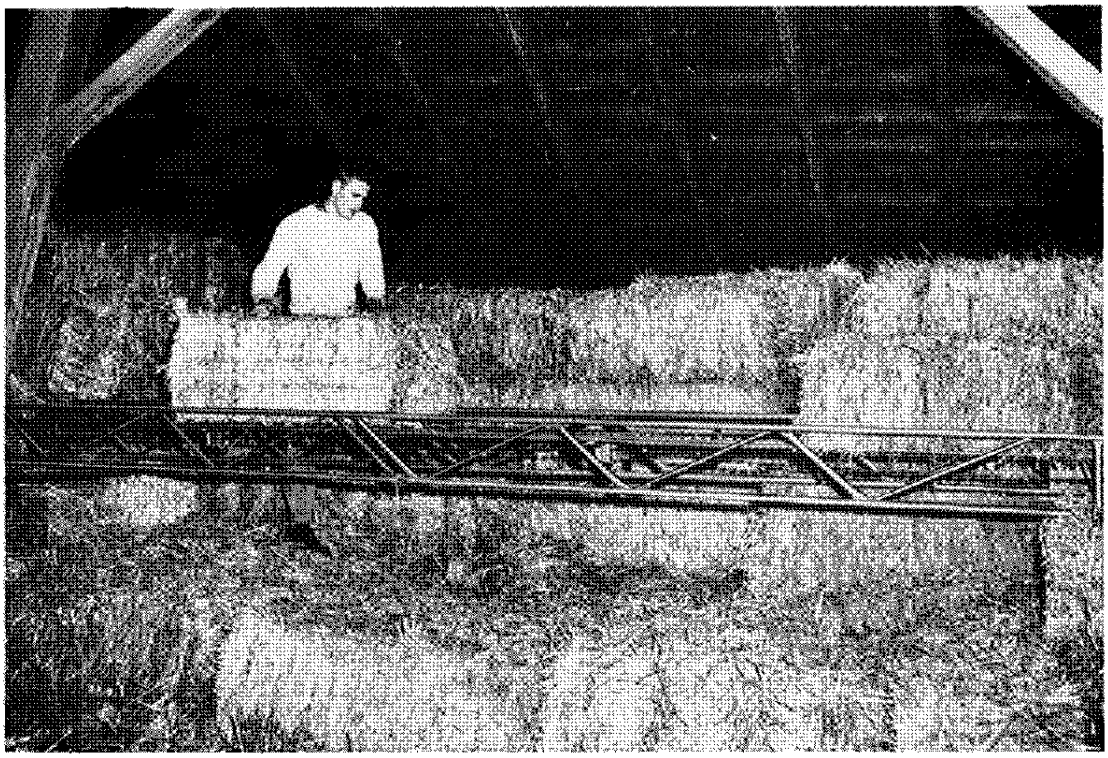
Illustrations above and on the next pages show some of the ways the elevator and conveyor may be used.



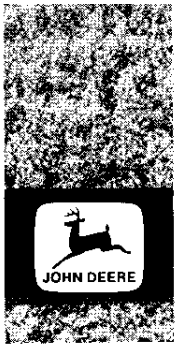
John Deere 200 Elevator Inside the Barn Elevating Straw Bales to the Top of a Stack



John Deere 200 Elevator Working in the Cramped Quarters of a Drive Through Barn. Elevator Is Setting on Wagon to Give Extra "Reach."



John Deere 200 Mow Conveyor Laid on Top of Bales



SPECIFICATIONS

200 BALE ELEVATOR

Maximum Length: 50 Feet
Boot Section Length: 10 Feet
Head Section Length: 7 Feet
Intermediate Section Lengths: 6 and 9 Feet
Transition Section Length: 10 Feet

Main Chain:
No. 62 Steel Chain with pusher links spaced approximately 16 inches apart. Used on elevators up to 50 feet in length.

No. 45 Steel Chain with pusher links spaced approximately 16 inches apart. Optional on elevators up to 32 feet in length.

Drives:
Electric Motor
Gasoline Engine
Tractor PTO

Horsepower Requirements:

Electric Motor	1/3 to 1-1/2 h.p.
Gasoline Engine	1-3/4 to 3 h.p.

Trucks (Optional)
For elevators 23 through 38 feet
For elevators 41 through 50 feet

200 MOW CONVEYOR

Maximum Length:

No. 62 Steel Chain (chain pulled)	101 Feet
No. 62 Steel Chain (chain pushed)	95 Feet
No. 45 Steel Chain (chain pulled)	83 Feet
No. 45 Steel Chain (chain pushed)	59 Feet

Boot Section Length: 10 Feet
Head Section Length: 7 Feet
Intermediate Section Lengths: 6 and 9 Feet
Transition Section Length: 10 Feet

Main Chain:
No. 62 Steel Chain with pusher links spaced approximately 16 inches apart.

No. 45 Steel Chain with pusher links spaced approximately 16 inches apart.

Drive: Electric Motor Drive (only)

Horsepower Requirements: 1/3 to 1-1/2 h.p.

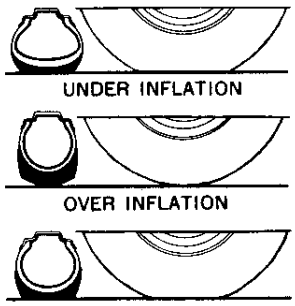
(Specifications and design subject to change without notice.)

OPERATION

PREPARING THE ELEVATOR

For safe and satisfactory operation of your elevator, inspect the following items before transporting or operating the elevator and, if necessary, make any needed adjustments.

TIRE INFLATION



C1103 PROPER INFLATION

Check the transport truck tires to be sure they are inflated to 26 psi air pressure.

WEIGHT AT HITCH POINT

The weight of the elevator at the hitch point must be from 100 to 150 pounds when the elevator is in transport position.

If this weight is not 100 to 150 pounds, relocate the truck attaching points as shown on page 14 or 15.

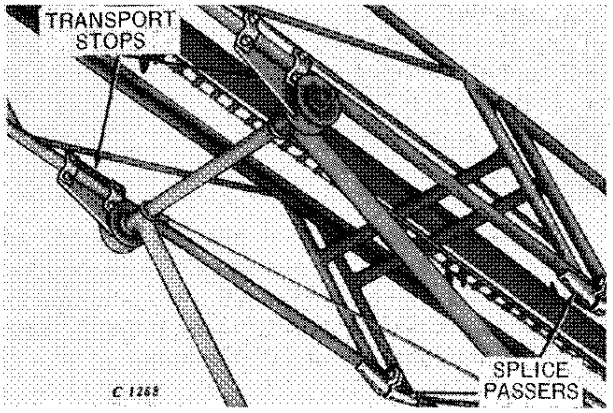
TRANSPORT POSITION

When mounted on a transport truck the elevator is in transport position when the uppermost part of elevator head section is 10 to 11 feet off the ground. Do not attempt to transport elevator if it is not in transport position.

TIE-DOWN CHAIN

The tie-down chain must be tight enough to prevent the elevator from jumping off rollers when transporting.

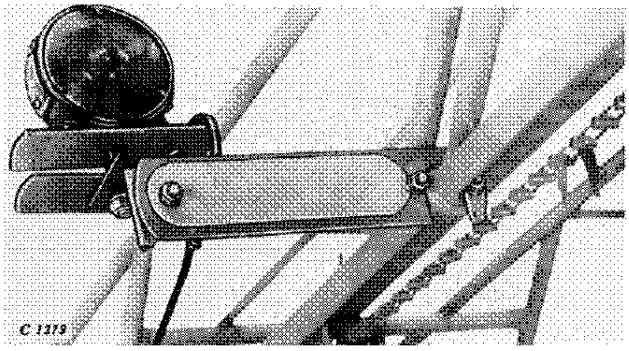
TRANSPORT STOPS AND SPLICE PASSERS



The transport stops must be positioned slightly ahead of the rollers when the elevator is in transport position.

When transporting be sure that the cable carries the load of the elevator rather than the transport stops.

Be sure splice passers are installed at the section joints to permit free travel of rollers from section to section.



IMPORTANT: When transporting the elevator on a road or highway at night or during the day, use accessory lights and devices for adequate warning to operators of other vehicles. In this regard, check local governmental regulations. Various safety lights and devices such as those illustrated above are available from your John Deere dealer.

Thank you so much for reading.

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