



John Berends Implements Pty Ltd

AGRICULTURAL ENGINEERS

OPERATOR'S MANUAL PARTS LIST



Lifting Jibs

PRODUCT NO.

0140
0142

Lifting Jib
Lifting Jib - Heavy Duty

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SAFETY





Farm machinery is dangerous if operated incorrectly so please read this manual in its entirety prior to operating the machine.


 No operator, however experienced in farm machinery operation, should attempt to use any machine they have not been competently trained to use. Your local Department of Agriculture can help you with training, as can most Occupational Health and Safety offices, Agricultural schools and colleges and farm equipment dealerships.


 All instructions relating to tractor safety as per the tractor operators manual should be followed. When making any machine adjustments, stop the tractor engine first and wait for all moving parts to stop. Maintain the tractor to ensure it remains safe to use. Do not operate faulty or damaged equipment.


 Extreme caution should be taken when fitting equipment to the tractor's three point linkage. Avoid standing between the implement and the tractor when coupling machinery.


 All machines should be mounted and retained correctly. All guards must be kept in place and correctly maintained. P.T.O. shafts must be correctly attached and secured to both the tractor and the machine. Decals must be visible and legible at all times. Keep well clear of all moving parts.


 Keep all people and animals at a safe distance from all moving parts. Children must not be allowed to operate this equipment and all passengers must have the same level of protection as the operator.


 Wear protective clothing where appropriate.


 Never operate when tired (not alert) or in poorly lit areas and stay alert for humps and other hidden hazards. Remove all timber, rocks and foreign objects prior to operation.


 Avoid operating the machine in wet conditions.


 Exercise extreme caution when changing direction on hills. Avoid sudden movement, sudden breaking, high speeds, rough terrain and steep slopes.

 If machine starts to vibrate, stop tractor using method as described in the operation section.

 After striking a foreign object or if there are doubts about the performance of the machine, stop the tractor as described and check if machine is making excessive noise.

 Extreme caution must be taken when working in public areas (roadsides etc). It is recommended that flaps and chains are fitted in these areas. These are available as optional extras. Rear flaps are compulsory in public areas.

 Do not modify this equipment in anyway, or use it for any other purpose than it was designed to do.

 Never work under unsupported machines or adjust unsupported machines. Do not enter the danger zone where a load being carried by a machine could fall on you, for example a round bale from a bale fork, a log from a carryall or material from a rear end loader.

These instructions should be used in conjunction with any local regulations regarding safety ie OHS.

Maintenance is essential for safe operation. Ensure maintenance is carried out regularly by people qualified to do so. This is of particular importance on P.T.O. drive machines where driven parts can fly off at high speed if wearing parts are not properly maintained.

FAILURE TO FOLLOW THESE INSTRUCTIONS AND PROCEDURES MAY RESULT IN EQUIPMENT MALFUNCTION, OR DAMAGE, SERIOUS INJURY OR EVEN DEATH.

INTRODUCTION:

This manual was developed specifically for the machine you have purchased. The information within is to assist you in preparing, operating and maintaining your machine. Please read and understand the contents of the manual completely before attempting to operate your machine, paying special attention to all safety details. With our policy of continuous improvement, products and specifications may change without notice and without incurring the obligation to install such changes on any unit previously delivered.

Lifting Jibs

The standard jib is made from 100 x 50 x 3mm RHS. This jib can lift to approximately 10 foot (depending on the tractor) and is fitted with a top brace which it relies heavily on. The heavy duty jib is made from 100 x 100 x 6mm RHS and is much more durable than the standard jib. The heavy duty lifting jib has a heavy adjustable A-frame to suit different tractors and alter the lift of the arc, the lift height being around 12 foot depending on the tractor.

MACHINE SPECIFICATIONS

LIFTING JIBS	Standard	Heavy Duty
Boom Dimensions	100mm x 50mm x 3mm RHS	100mm x 100mm x 6mm RHS
No. Lift Up Points	2	2
Tractor CAT connection	Cat 1/2	Cat 1/2
Lift Capacity (kg)	500-750	1000
Nett Weight (kg)	40	75
Lift Height (Approximate)	10 feet	12 feet

WARRANTY

John Berends Implements P/L warrants each new product sold to be free from defects in material and workmanship, under normal use and service, as outlined in the operators manual, for a period of 12 months.

This warranty is void if any damage to the machine has been caused by misuse or non genuine parts have been used or any repairs have been made by any persons other than authorised dealer service personnel.

The manufacturer/dealer is not obligated to any transportation charges incurred in the repair or replacement of parts.

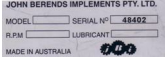
This warranty does not exclude any condition or warranty implied by the Trade Practices Act 1974 or any other legislation which implies any condition which cannot be excluded.

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Safety Features

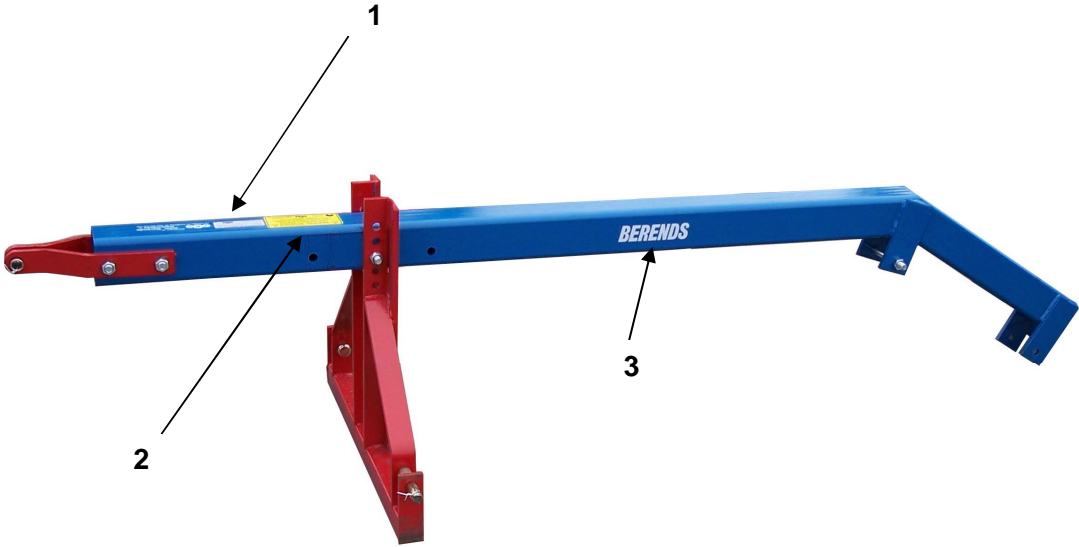
1. SERIAL NUMBER (Decal)



2. WARNING DECAL



3. BERENDS DECAL



ASSEMBLY

Line the lower linkage arms between the lower linkage plates of the implement, slide the linkage pins through the holes and secure with lynch pins. Ensure the lower arms of the tractor have an anti-sway device fitted such as stays or chains. This prevents the implement from swinging side to side during transport. Failure to do so may result in damage not covered by warranty.

Attach the top link to the implement.

(Note: Top link pins and lynch pins are not supplied by Berends)

OPERATION

Once all safety procedures have been followed, start the tractor and raise the implement off the ground

Ensure the top link is mounted in the position which provides the best angle for pick-up and transport.

Loading

Weight capacities given in the machine description section at the front of this manual depend on the tractor lift capacity and even loading of the load. Ensure that all lifting attachments such as hooks or chains (not supplied) are adequately rated for the load to be lifted.

Always lift with the jib from directly above the load. Do not lift from beside the load or attempt to pull/drag with the jib.

Do not travel too fast whilst the implement is loaded. This can result in the load bouncing up and down which creates extra force on the jib. This can be minimised by lifting the linkage as high as possible – be careful that the load doesn't interfere with the tractor cab or ROPS frame when lifted.

Stopping

Lower the implement, stop the tractor engine (removing the ignition key) and apply the park brake. Ensure that the implement is well supported when not in use.

MAINTENANCE

When doing any type of maintenance on this machine, always follow the safety steps described in this manual. Use only authorised genuine parts for replacement.

The implement must be adequately supported under its body (Make certain it cannot fall).

There is little maintenance on lifting jibs, however, it is advised that periodic checks be made on the frame to ensure that no stress fractures have occurred due to incorrect operation.

SPARE PARTS

ORDER SPARE PARTS THROUGH YOUR ORIGINAL SUPPLIER OR YOUR LOCAL JOHN BERENDS IMPLEMENTS DEALER.

Always quote the machine serial No. or product No., spare part number and its part name as stated in the operator's manual.

Glossary of terms

c/w = Complete with

sw = Spring Washer

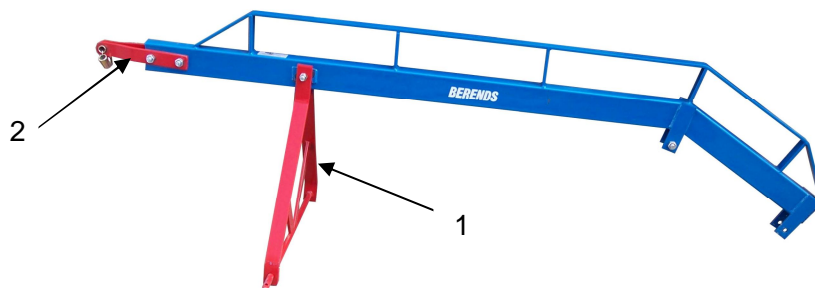
n.s.s. = Not serviced separately

a.r. = As required

fw = Flat Washer

Standard lifting Jib (0140)

Part Number	Quantity	Description
1760	1	A frame
1948	2	Top linkage mounting clevis bracket



The standard model (pictured left) has been superseded and no longer has the top bracing – but is heavier in the main boom instead.

Heavy Duty lifting jib (0142)

Key No.	Part No.	Quantity	Description
1	1947	1	A frame
2	1754	2	Top linkage mounting clevis bracket
3	1969	2	Cat 1 push through pin

