

Haugen

Marv Haugen Enterprises
1851 Heartland Ave.
Casselton, ND 58012
Toll Free 877-580-6218
Phone: 701-347-4827 Fax: 701-347-4830

Industrial Jib

Model # MIJ

Operator's Installation and Safety Manual



DOC# MIJ2015

www.haugenattachments.com

Marv Haugen Enterprises Inc. * 1851 Heartland Ave. * Casselton ND 58012 * Phone: 877-580-6218



Marv Haugen Enterprises
1851 Heartland Ave.
Casselton, ND 58012
Toll Free 877-580-6218
Phone: 701-347-4827 Fax: 701-347-4830

Thank you for choosing a Haugen Industrial Jib

Before you use this Jib you must read and understand the Operator's Manual

**Keep a copy of this manual on the Industrial Jib at all times
If you have questions call us at 1-877-580-6218**

MIJ - Industrial Jib

Haugen Industrial Jibs are designed for use on rough terrain extendable or straight mast forklifts, telehandlers and industrial lift trucks. The MIJ has been engineered and rated for the Load Capacities as shown on the load chart decal on the Jib and in the load chart in our Manual. Haugen Attachments has been building this Model of Industrial Jib for many years, these units have proven themselves durable and extremely safe throughout the United States and Canada.

Engineering Certification

The Haugen Industrial Jibs have been designed and built with a minimum of a 2 to 1 safety factor. The MIJ has been tested and certified by a third party Certified Professional Engineer. A copy of their report is at the back of the owners manual. If required a copy of the full engineering report is available upon request.

Installation Safety Pins

The MIJ is very easily installed by inserting your forklift tines fully into the pockets so the ears extend behind the Forks. Then install the safety retainer pin behind the fork and insert the security clip. (As Shown on the diagram) The safety retainer pins are chained to the Jib to prevent loss of the pins. These must be properly installed and secured before using the Jib. Note Jib, Hook and retainer pins should be fully inspected before every use.

- Operating Rules for Industrial Jibs -

Inspection

1. Check the lift hook, Latch and Shackle making sure that it is properly installed and in good working condition.
2. Safety pins must be installed and secured with the cotter pin.
3. Check the Industrial Jib for any excessive wear, cracked or broken welds.
4. Check each of the lifting holes for any elongation.
5. The Industrial Jibs load chart must be present and legable.



Marv Haugen Enterprises
1851 Heartland Ave.
Casselton, ND 58012
Toll Free 877-580-6218
Phone: 701-347-4827 Fax: 701-347-4830

- Operating Rules for Industrial Jibs continued -

Installing on a Lift Truck

1. Secure the safety pins behind the heel of each fork.
2. Optional Safety chains when used are only to be used in addition to the safety retainer pins, not in lieu of.
3. Disable any hydraulic functions to the Forklift Carriage. Such as tilting or swinging functions.
4. Position the fork tines so that the Industrial Jib will hold the load centered on the Forklift.

General Operating Rules

1. Inspections as stated above must be made prior to each use of the Industrial Jib
 2. Before each use make sure the Jib is properly installed and the hook and shackle are secured to the Jib and the screw pin is tight.
 3. Check extension adjustment pin to make sure it is functioning properly and secured in the desired position.
 4. Determine that the load your lifting is within the capabilities of the Industrial Jib and the capacity of the Lift Truck. Never exceed the capacities on either the Forklift or the attachment, Remember that capacity of the Forklift decreases when the load is raised and especially with Telehandlers when the load is extended.
 5. Forks should always be level or slightly tilted back, never tilted forward when using the Jib.
 6. The Forklift operator must remain in the seat at the controls with the engine running whenever there is a load on the Jib.
 7. Only qualified and trained personal should operate the forklift. Operators should know and follow all local, state and federal safety regulations
 8. All safety regulations must be followed at all times.
 9. Any personal working around the Jib must wear hard hats and steel toed boots
 10. When lifting loads there should be no personal within a minimum of ten feet in all directions of the fall zone, never put yourself or any part of your body under a suspended load.
 11. Operator must not be under the influence of any alcohol or drugs.
 12. Do not pull loads. The Jib is designed for vertical lifting ONLY.
 13. Carry all loads low and use tag lines to keep loads from swinging.
 14. Be sure forklift is on a level /firm surface before raising the load.
 15. Do not use the Jib in anyway to lift personal.
 16. Never exceed the Forklift Manufacturers lifting capacity. Note: Forklift Manufacturers "New down rated load capacity" applies when using a Jib or any other attachments. A down rated load chart must be obtained from the manufacturer of your Forklift.
 17. Refer to the Forklift's operators manual for more information on handling elevated loads and additional safety tips.
-

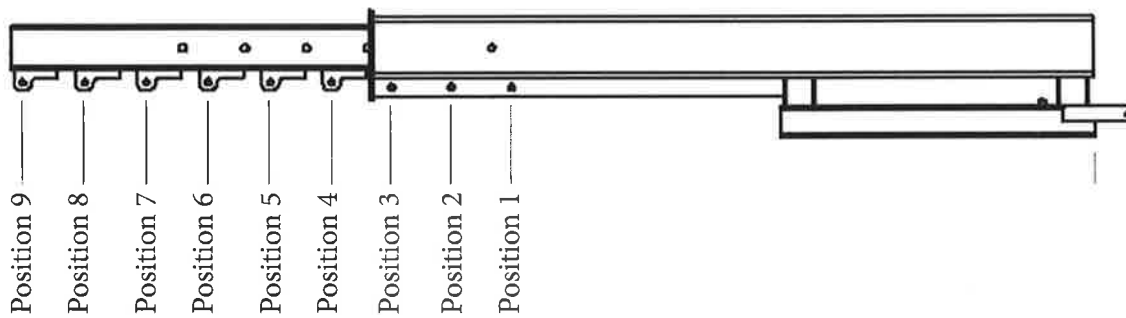
Haugen

Marv Haugen Enterprises
 1851 Heartland Ave.
 Casselton, ND 58012
Toll Free 877-580-6218

Phone: 701-347-4827 Fax: 701-347-4830

Lift Truck Capacity

Official “ **New Down -Rated Capacity**” for any lift truck must be obtained from the Lift Truck Manufacturer whenever an attachment is added to a lift truck. Our load chart reflects only the capacity of our MIJ Industrial Jib and in no way reflects the actual capacity of the Forklift/Attachment combination. The information in the chart below can be used by the Lift Truck Manufacturer to create a down rated load chart.



Model # MIJ
9 Hook Positons ranging from 6'9" to 143.25"
Empty Weight = 515 LBS
Vertical Center of Gravity = Centerline
Horizontal Center of Gravity - See chart below

Hook Position	Horizontal Center Of Gravity	Distance
1	41.81"	78.00"
2	41.90"	86.00"
3	41.99"	94.00"
4	42.08"	102.00"
5	44.14"	110.25"
6	46.20"	118.50"
7	48.25"	126.75"
8	50.31"	135.00"
9	52.36"	143.25"

Multiple Hooks

The MIJ is furnished with a hook and shackle system that can be moved easily to various positions on the Jib as needed. The Hook is rated for a 6000 lbs capacity. More than one hook can be used but the lift capacity would be limited by most extended hook. For example if the most extended hook is in the ninth position then the load must not exceed 3000 lbs.

Jib Load Capacity

The lift capacities for the various positions shown in the table below are for our Model (MIJ) Industrial Jib. **Note: This chart reflects the capacity of the Jib only and does not reflect the capacity of the forklift nor the maximum load that can be safely handled by a particular forklift**

(Copy of the Load Chart Decal)

WARNING

* Lift Capacity Rating

Jib Position	Length	*Max Lift Capacity
1	78.00 inches	6000 LBS
2	86.00 inches	5715 LBS
3	94.00 inches	5410 LBS
4	102.00 inches	5075 LBS
5	110.25 inches	4710 LBS
6	118.50 inches	4320 LBS
7	126.75 inches	3905 LBS
8	135.00 inches	3465 LBS
9	143.25 inches	3000 LBS

* These lift capacity ratings are for the Industrial Jib only. The lifting capacity is ultimately determined by the host machine. Never lift more than the operating capacities of this Industrial Jib or the capacities stated by the Manufacturer of the host machine.

Note:

The information, load charts and illustrations contained in this manual about the Haugen Industrial Jib were current at the time of publication. Haugen Attachments is continually updating and improving our products. Therefore Haugen reserves the right to redesign this attachment and update the operators manual at any time without notice.