

**2TON FOLDABLE ENGINE HOIST**  
**Owner's Manual and Operating Instructions**  
**MODEL NUMBER: EHN-40-C**




**INSTRUCTIONS**


**IMPROTANT:** IT IS IMPORTANT THAT YOU READ AND UNDERSTAND THIS INSTRUCTION MANUAL BEFORE USING YOUR ENGINE CRANE. ALWAYS ENSURE ITS CORRECT USE, WHICH WILL HELP PREVENT DAMAGE AND INJURY.


## SPECIFICATION


Max. Capacity.....	4000 lbs
Lifting capacity position 1.....	4000 lbs
Lifting capacity position 2.....	3000 lbs
Lifting capacity position 3.....	2000 lbs
Lifting capacity position 4.....	1000 lbs
Max. Lifting height min. jib extension.....	86"
Max. Lifting height max. jib extension.....	102"
Overall width.....	42"
Width between legs.....	36½"


### **WARNING**

 **WARNING:** Do not overload. Overloading could cause damage or failure of the engine hoist.

 **WARNING:** Never use the hoist on an uneven floor surface as this could result in the hoist tipping over.

 **WARNING:** Always lock the legs and jib in position before lifting a load.

 **WARNING:** The nuts and bolts supplied with the hoist are all high strength and should not be substituted for inferior types.

 **WARNING:** Before each use ensure that all nuts and bolts are correctly fitted and tight.

 **WARNING:** Never exceed the safe working loads indicated on the jib.

 **WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN LOSS OF LOAD AND/OR PERSONAL INJURY OR DAMAGE TO PROPERTY.**

# OPERATING INSTRUCTIONS

## **WARNING!**

- ◆ **THIS PUMP LONG RAM IS DESIGNED FOR LIFTING PURPOSES ONLY. NOT FOR SUPPORTING LOADS.**
- ◆ **DO NOT LOAD BEYOND ITS REATED CAPACITY.**

**IMPORTANT:** Its is possible that air has got into the hydraulic system, causing poor lifting performance. Purge any air form the system by fully opening release valve (turn handle counterclockwise as shown), then while holding the boom down, operate pump handle rapidly several times.

## **TO RAISE LOAD**

Close release valve by turning handle **CLOCKWISE** to a **SNUG-TIGHT** position.  
(DO NOT OVERTIGHTEN)

## **TO LOWER LOAD**

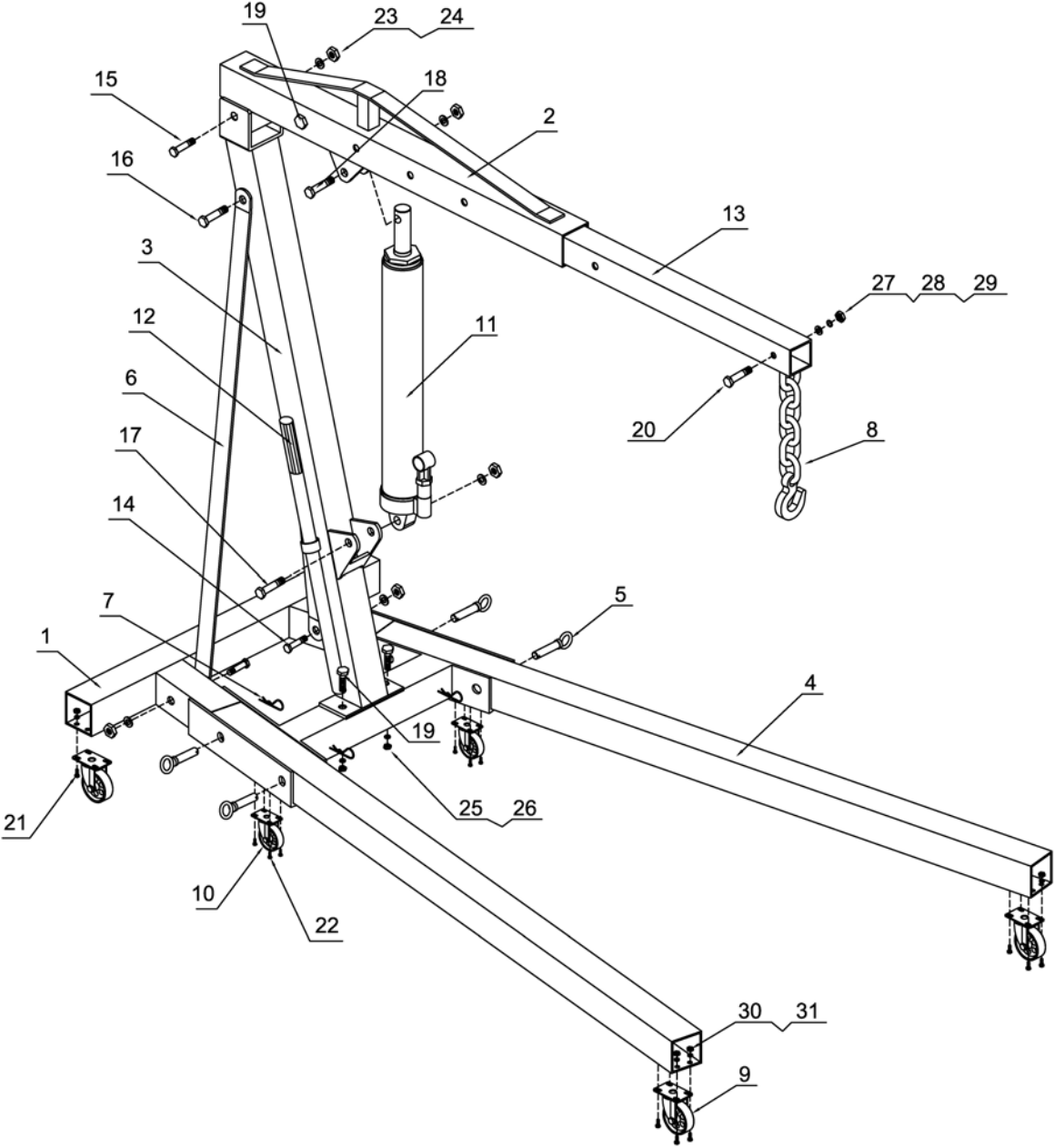
Open release valve by turning handle **COUNTERCLOCKWISE** very slowly. The speed of lowering the load is controlled by how much you turn the handle.

## **NOTE:**

Front legs must always be locked in down position before applying load and/or raising boom.

Boom must be in fully lowered position before raising legs. Legs must never be raised when crane is carrying load. Legs must be locked in place when raised.

# ASSEMBLY DIAGRAM



## PARTS LIST

REF#	DESCRIPTION	QTY	REF#	DESCRIPTION	QTY
1	Base	1	17	Bolt M16x90	1
2	Boom	1	18	Bolt M16x80	1
3	Main Post	1	19	Bolt M14x100	3
4	Leg	2	20	Bolt M12x80	1
5	Lock Pin	4	21	Bolt M8x20	16
6	Support Strap	2	22	Bolt M8x12	8
7	Split "R" Pin	4	23	Nut M16	6
8	Chain & Hook Assembly	1	24	Flat WasherØ16	6
9	3½"Swivel Castor	4	25	Nut M14	3
10	3"Swivel Castor	2	26	Flat WasherØ14	3
11	8Ton Long Ram Jack	1	27	Nut M12	1
12	Handle	1	28	Flat WasherØ12	1
13	Boom Extension	1	29	Lock WasherØ12	1
14	Bolt M16x100	2	30	Nut M8	16
15	Bolt M16x120	1	31	Lock WasherØ8	24
16	Bolt M16x110	1			

## LIMITED WARRANTY

Vestil Manufacturing Corporation (“Vestil”) warrants this product to be free of defects in material and workmanship during the warranty period. *Our warranty obligation is to provide a replacement for a defective original part if the part is covered by the warranty, after we receive a proper request from the warrantee (you) for warranty service.*

### Who may request service?

Only a warrantee may request service. *You are a warrantee if you purchased the product from Vestil or from an authorized distributor AND Vestil has been fully paid.*

### What is an “original part”?

An original part is a part used to make the product as shipped to the warrantee.

### What is a “proper request”?

A request for warranty service is proper if Vestil receives: 1) a photocopy of the Customer Invoice that displays the shipping date; AND 2) a written request for warranty service including your name and phone number. Send requests by any of the following methods:

Mail  
Vestil Manufacturing Corporation  
2999 North Wayne Street, PO Box 507  
Angola, IN 46703

Fax  
(260) 665-1339  
Phone  
(260) 665-7586

Email  
sales@vestil.com

In the written request, list the parts believed to be defective and include the address where replacements should be delivered.

### What is covered under the warranty?

After Vestil receives your request for warranty service, an authorized representative will contact you to determine whether your claim is covered by the warranty. Before providing warranty service, Vestil may require you to send the entire product, or just the defective part or parts, to its facility in Angola, IN. The warranty covers defects in the following *original* dynamic components: motors, hydraulic pumps, electronic controllers, switches and cylinders. It also covers defects in *original* parts that wear under normal usage conditions (“wearing parts”): bearings, hoses, wheels, seals, brushes, batteries, and the battery charger.

### How long is the warranty period?

The warranty period for original components is 30 days. The warranty period begins on the date when Vestil ships the product to the warrantee. If the product was purchased from an authorized distributor, the period begins when the distributor ships the product. Vestil may extend the warranty period for products shipped from authorized distributors by *up to 30 days* to account for shipping time.

### If a defective part is covered by the warranty, what will Vestil do to correct the problem?

Vestil will provide an appropriate replacement for any *covered* part. An authorized representative of Vestil will contact you to discuss your claim.

### What is not covered by the warranty?

1. Labor;
2. Freight;
3. Occurrence of any of the following, which automatically voids the warranty:
  - Product misuse;
  - Negligent operation or repair;
  - Corrosion or use in corrosive environments;
  - Inadequate or improper maintenance;
  - Damage sustained during shipping;
  - Collisions or other incidental contacts causing damage to the product;
  - Unauthorized modifications: DO NOT modify the product IN ANY WAY without first receiving written authorization from Vestil. Modification(s) might make the product unsafe to use or might cause excessive and/or abnormal wear.

### Do any other warranties apply to the product?

Vestil Manufacturing Corp. makes no other express warranties. All implied warranties are disclaimed to the extent allowed by law. Any implied warranty not disclaimed is limited in scope to the terms of this Limited Warranty.

