

190mm

260mm

130mm

130mm

4. Operation instruction

1.To **raise** the Extension Boom, close the Release Valve on the Hydraulic Ram. Then, pump the Handle until the Extension Boom reaches the desired height.

2.To **extend the length** of the Extension Boom, remove bolt and nut. Pull out on the Extension Boom until the desired extension hole in the Boom aligns with the hole in the Extension Boom.Then re-insert the bolt through the holes in the Boom and Extension Boom, and lock the bolt in place with the nut.

3. **WARNING! Do not exceed the maximum lifting capacities of this tool.**Exceeding the maximum lifting capacities could cause personal injury and/or property damage. **The longer the Extension Boom is extended, the lower the lifting capacity of this Foldable Shop Crane.**

4. Position the Foldable Shop Crane so that the Hook is directly above the object you wish to lift.

5. **WARNING! Stay clear of the Foldable Shop Crane.** Never go under an object being lifted by the Crane. It is possible for the Hook to slip, causing an object to fall, possibly resulting in serious injury and/or property damage.Always monitor the object being lifted so it does not rock back and forth.

6. Open the Release Valve slightly to lower the Hook. Attach the Hook to the object you are lifting, and make sure the Safety Latch on the Hook is fully closed. Then close the Release Valve, and pump the Handle to raise the object. Carefully move the Foldable Shop Crane to the location where you wish to lower the object, i.e., an engine stand, proper support, floorsurface, etc. Then lower the object by opening the Release Valve slightly.

7.Once the object is fully lowered, disconnect the Hook from the object. Then store the Foldable Shop Crane (unfolded or folded) in a clean, dry, safe location out of reach of children and other unauthorized people.

5. Maintenance

1.Check all of the mounting hardware before each use and make sure it is secure before using the Shop Crane.

2. Make sure the Hook & Chain are clean of dirt, grease, or debris.

3. If the Jack is not performing to satisfaction, there may be air in the hydraulic system. To purge the system of air, follow these instructions.

a. Make sure the Ram is completely lowered.

b. Remove the Oil Fill Plug and top off with Hydraulic Fluid.

c. Raise the Ram to maximum height.

d. Loosen the Release Valve and push the Ram all the way down.

e. Top off with Hydraulic Fluid and replace the plug. Repeat if necessary.

4.To clean, use a damp cloth and a mild detergent. Do not use solvents or other flammable agents.

5.If lifting performance of the Foldable Shop Crane begins to diminish, check the hydraulic oil level in the Oil Tank. If necessary, top off the Oil Tank with hydraulic oil.

INSTRUCTION MANUAL

1500LBS FOLDABLE SHOP CRANE



IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS.

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1. Forward

This engine crane is intended to be used to remove, install and transport in the lowered position, rated capacity automotive and light truck engines and engine assemblies. It must be used with appropriately rated engine leveller, sling and/or chains which are NOT INCLUDED. After removing, immediately transfer the load to an appropriately rated work station such as an engine stand.

2. Safety instructions

1. Keep work area clean.

2. Observe work area conditions.

3. Keep children away.

4. Store idle equipment.

5. Use the right tool for the job.

6. Dress properly.

7. Do not overreach.

8.Maintain tools with care.

9. Stay alert.

10. Check for damaged parts.

12. Replacement parts and accessories.

13. Do not operate tool if under the influence of alcohol or drugs.

14. Never exceed the maximum lifting capacity. Beware of Dynamic Loading!

15. Maintenance.

16. Not to be used for aircraft purposes.

17. Do not attempt to move the Crane when under load.

Cluttered areas invite injuries.

Do not use machines in damp or wet locations. Don't expose to rain. Keep work area well lit.

Children must never be allowed in the work area.

When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.

There are certain applications for which this tool was designed. It will do the job better and more safely at the rate for which it was intended. Do not modify this tool and do not use this tool for a purpose for which it was not intended.

Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically nonconductive clothes and nonskid footwear are recommended when working. Wear restrictive hair covering to contain long hair. Wear heavy work gloves when working. Always wear ANSI-approved impact safety goggles.

Keep proper footing and balance at all times.

Keep tools clean for better and safer performance. Follow instructions for lubricating and changing accessories.

Do not operate any tool when you are tired.

Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function.

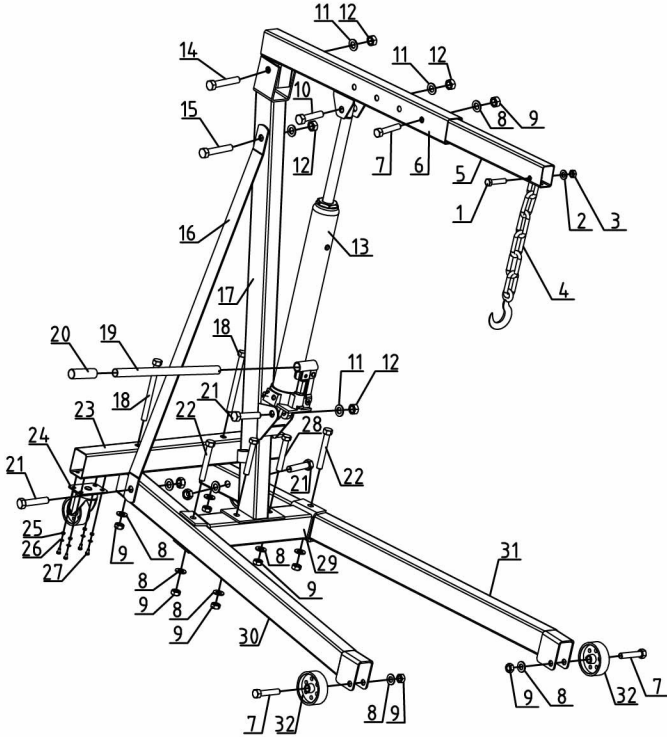
When servicing, use only identical replacement parts. Only use accessories intended for use with this tool.

Swinging or allowing a load to suddenly jerk on the chain of the Shop Crane may create, for a brief instant, an excess load, which may result in damage to the product, damage to the load, SERIOUS PERSONAL INJURY, and/or DEATH.

For your safety, service and maintenance should be performed regularly by a qualified technician.

The Swivel Casters are not designed to be rolled when the Crane is lifting a weight.

3. Main construction



16	Support brace	2	32	3.5 "wheel	2
15	cap screw M16x80	1	31	Left leg	1
14	cap screw M16X90	1	30	Right leg	1
13	3T long ram jack	1	29	Middle beam	2
12	nut M16	6	28	bolt M14X90	2
11	Flat washer Φ16	6	27	M8X16	8
10	bolt M16X70(Class 8.8)	1	26	Flat washer Φ12	8
9	nut M14	9	25	nut M8	8
8	Flat washer Φ14	9	24	3" Universal wheel	2
7	bolt M14X70	3	23	beam	1
6	Crossbeam	1	22	bolt M14X100	2
5	Extension boom	1	21	bolt M16X75	3
4	Hook	1	20	Handle sleeve	1
3	Outer hexagon nut M12	1	19	Handle	1
2	Flat washer Φ12	1	18	bolt M14X160	2
1	bolt M12X55(Class 8.8)	1	17	Support post	1
Serial number	name	quantity	Serial number	name	quantity

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