



KING KING CANADA

2 TON FOLDING SHOP CRANE WITH DOUBLE PUMP

06/2016



MODEL: KFC-2TN

INSTRUCTION MANUAL

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WARRANTY INFORMATION

**2-YEAR
LIMITED WARRANTY
FOR THIS SHOP CRANE**

**KING CANADA TOOLS
OFFERS A 2-YEAR LIMITED WARRANTY
FOR NON-COMMERCIAL USE.**

PROOF OF PURCHASE

Please keep your dated proof of purchase for warranty and servicing purposes.

REPLACEMENT PARTS

Replacement parts for this product are available at our authorized King Canada service centers across Canada.

LIMITED TOOL WARRANTY

King Canada makes every effort to ensure that this product meets high quality and durability standards. King Canada warrants to the original retail consumer a 2-year limited warranty as of the date the product was purchased at retail and that each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, normal wear and tear, negligence or accidents, repairs done by an unauthorized service center, alterations and lack of maintenance. King Canada shall in no event be liable for death, injuries to persons or property or for incidental, special or consequential damages arising from the use of our products.

To take advantage of this limited warranty, return the product at your expense together with your dated proof of purchase to an authorized King Canada service center. Contact your retailer or visit our web site at www.kingcanada.com for an updated listing of our authorized service centers. In cooperation with our authorized serviced center, King Canada will either repair or replace the product if any part or parts covered under this warranty which examination proves to be defective in workmanship or material during the warranty period.

NOTE TO USER

This instruction manual is meant to serve as a guide only. Specifications and references are subject to change without prior notice.

PARTS DIAGRAM & PARTS LISTS

Refer to the Parts section of the King Canada web site for the most updated parts diagram and parts list.

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SPECIFIC SAFETY INSTRUCTIONS FOR SHOP CRANES



WARNING!

1. Study and understand all operating instructions before operating crane.
2. Do not exceed the rated capacity of the crane. Position 1 (.5 ton), position 2 (1 ton), position 3 (1.5 tons), position 4 (2 tons).
3. Make sure that the load is not allowed to drop suddenly or swing during transporting.
4. Make sure that boom is fully loaded (in its high position) before adding oil to unit reservoir.
5. This shop crane is designed for use only on hard, level surfaces capable of sustaining the load. Use on other than hard level surfaces can result in shop crane instability and possible loss of load.
6. Slowly lower boom and load to the lowest possible position before transporting load.
7. Assemble crane according to the assembly instructions. Make sure all bolts and nuts are tight before placing crane into operation.
8. Do not use crane for any other purpose than for which it was designed and intended.
9. Crane legs must always extend beyond the boom.
10. Boom extension hardware must be secure before attempting to lift any load.
11. Never place any part of the body under the load or crane while in use.
12. Never use the crane as the only means of support. Always move the load to a stable platform or work surface before attempting any work.
13. Keep others away from the area while the crane is in operation.
14. 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.
15. Before attempting to raise load, make sure it is securely fastened and safety latches are secure.
16. Do not operate crane with twisted or kinked chain.
17. Do not remove labels from crane.
18. Never use crane for lifting people or loads over people.
19. Do not remove ram and use separately for any purpose.
20. Never operate the crane under the influence of medication, drugs or alcohol.



SHOP CRANE CAPACITIES

CAPACITY (TONS)	BOOM HEIGHT		BOOM LENGTH	REACH	OVERALL HEIGHT	BASE LENGTH		BASE WIDTH (OUTSIDE)		LENGTH INSIDE LEGS		WHEEL DIAMETER	CHAIN SIZE	NET WEIGHT (LBS)
	MAX	MIN				MAX	MIN	MAX	MIN	MAX	MAX			
1/2 Ton Position 1	100-3/8"	3"	62-1/4"	45-1/4"	58-5/8"	65"	20-5/8"	34-5/8"	31-7/8"	47-5/8"	47-5/8"	3-1/2"	3/8 x 12	205 lbs.
1 Ton Position 2	95-5/8"	9 - 1/4"	55-1/8"	38-1/8"	58-5/8"	65"	20-5/8"	34-5/8"	31-7/8"	47-5/8"	47-5/8"	3-1/2"	3/8 x 12	205 lbs.
1-1/2 Tons Position 3	94-1/8"	15 - 3/8"	48"	31-1/8"	58-5/8"	65"	20-5/8"	34-5/8"	31-7/8"	47-5/8"	47-5/8"	3-1/2"	3/8 x 12	205 lbs.
2 Tons Position 4	85-7/8"	21-1/2"	41"	24"	58-5/8"	65"	20-5/8"	34-5/8"	31-7/8"	47-5/8"	47-5/8"	3-1/2"	3/8 x 12	205 lbs.

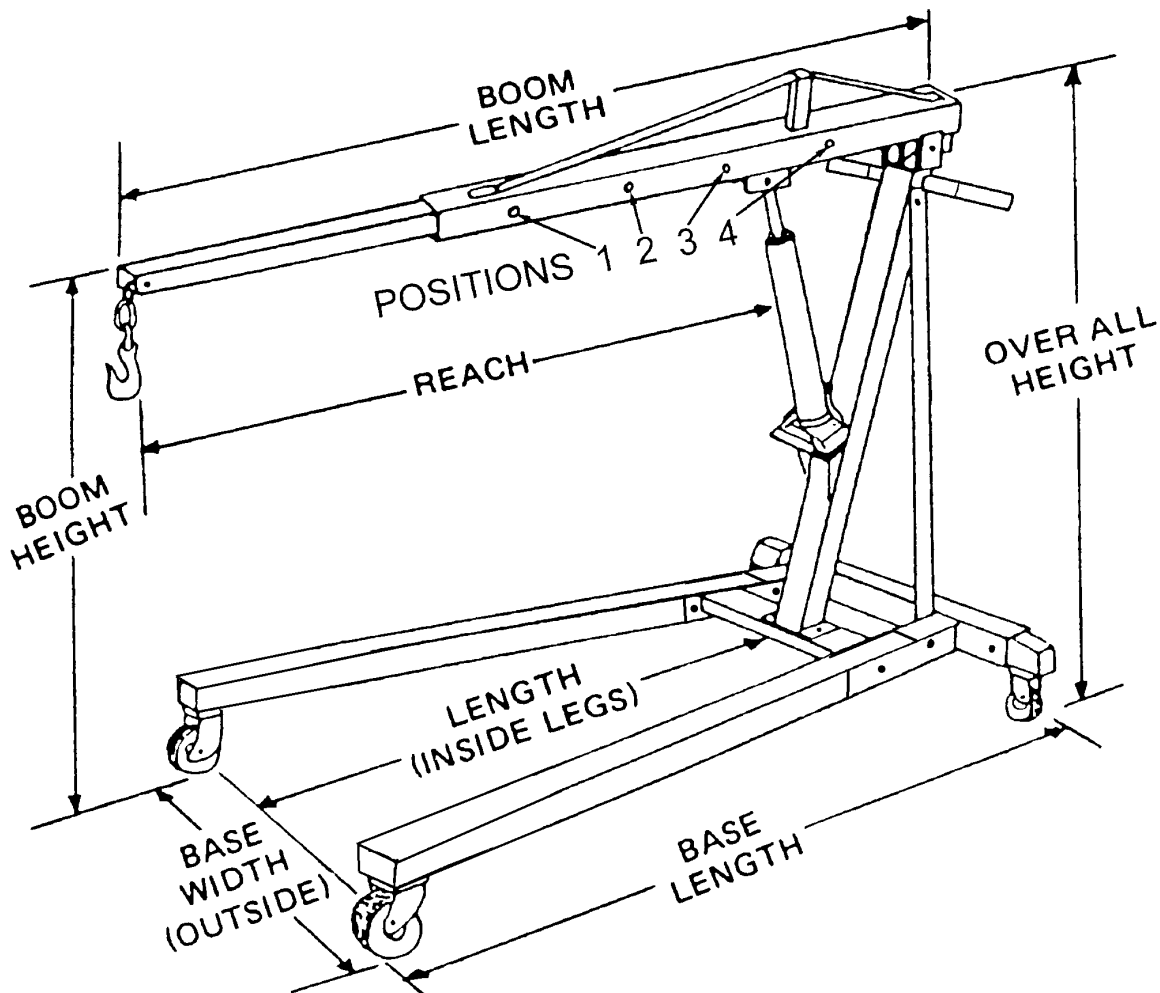


FIGURE 1

ASSEMBLY & OPERATION

ASSEMBLY

Note: Refer to parts diagram for index numbers found in parenthesis (#):

1. Install two wheels (#37) to the front legs (#47) and two wheels (#37) to the frame base (#32) using four M8 x 20 hex. bolts (#36), washers (#35), spring washers (#34) and hex. nuts (#33). Install two wheels (#41) to the frame base (#32) using four M8 x 12 hex. bolts (#44), washers (#42) and spring washers (#43).
2. Attach front legs (#47) to the frame base (#32) using all four hitch pins (#39) and hitch pin clips (#40). On each leg, insert 1 pin through frame base and front leg at rear hole. The hitch pin serves as a pivot pin and remains in the hole permanently. Insert a second hitch pin in the most forward hole through the frame base and front leg. This locks the legs in the down position.
3. Insert hitch pin clips (#40) through hitch pins (#39) to secure in place.
4. Attach the main support post (#22) to the frame base (#32) using two M16 x 100 hex. bolts (#28), washers (#45) and hex. nuts (#46).
5. Attach both support straps (#21) to the top of the main support post (#22) using M16 x 110 hex. bolt (#18), washers (#19) and hex. nuts (#20).
6. Connect the support straps (#21) to the frame base (#32) using two M16 x 100 hex. bolts (#38), washers (#30) and hex. nuts (#29).
7. Connect the bottom of the hydraulic ram assembly (#23) to the main support post (#22) using a M16 x 90 hex. bolt (#27), washer (#25), spring washer (#26), and hex. nut (#24).
8. Connect the boom (#1) to the main support post (#22) using a M16 x 120 hex. bolt (#17), washer (#16) and hex. nut (#15).
9. While another person supports the boom (#1) up attach the top of the hydraulic ram assembly (#23) to the boom with a M16 x 80 hex. bolt (#5), washer (#4), spring washer (#3) and hex. nut (#2).
10. Slide the boom extension (#9) into the boom (#1) with the slot for the hook and chain assembly (#14) facing down.
11. Install chain and hook assembly (#14) using a M12 x 80 hex. bolt (#13), washer (#12), spring washer (#11) and hex. nut (#10).
12. Install handle assembly (#49) to the rear of the support post (#22) using two M8 x 20 hex. bolts (#52), washers (#51) and spring washers (#50).
13. Install all four end caps (#53).
14. Make sure all hardware is tight.

OPERATION

1. Load to be lifted must be securely attached with a sling or chain of adequate size and strength. Before lifting the load, be sure the load cannot twist or fall.
2. Move crane into position. Legs must be in down position and locked into place. Never use crane with the legs in the upright position.
3. Close hydraulic valve at the base of ram by turning clockwise until tight.
4. Place sling or chain in center of hook.
5. Slowly raise the load to desired height by inserting ram handle and pumping handle.
6. Move load to desired location by rolling crane assembly. Use caution so that load does not swing or rotate.
7. Slowly lower load to desired location by inserting ram handle onto valve at base of the ram and slowly turning counterclockwise. Do not lower too quickly. Make sure the load is secure once lowered fully.