



1 Ton Folding Engine Crane



1. Safety Instructions

Ensure the surface on which the crane is used is level, firm and capable of supporting the weight of the crane with maximum load. Never use the crane on tarmac or other soft surfaces.

Ensure the crane legs and arms are locked before use.

Keep children and unauthorised persons away from the working area.

Keep working area clean and tidy, free from unrelated materials and ensure that there is adequate lighting.

Ensure that load does not exceed the maximum lifting capacity of the crane. Overloading the crane is dangerous. Where appropriate, use only the lifting points recommended by the manufacturer of the item to be lifted, i.e. vehicle engine.

Before lifting the load ensure that the crane jib is in the lowest practical position, that there are no obstacles which may snag the load whilst it is being lifted and that the area above the jib is clear.

To avoid injury, be fully aware of your own and other persons locations in relation to the lifting, and lowering, of the load.

Keep a sound footing and balance, and ensure the floor is not slippery.

Ensure jib extension locking bolt and nut are in position before lifting.

Ensure the centre of gravity always remains inside the crane base.

DO NOT harness the load at an angle.

DO NOT allow the load to swing during lifting.

DO NOT allow the load to drop suddenly. Lower load with care, ensuring that you are fully aware of the condition of the surface onto which the load is to be placed.

DO NOT operate the hydraulic power unit beyond its maximum stroke as indicated on the label.

DO NOT load crane beyond its rated capacity for each specified jib extension position as indicated in Section 2 (Specifications). The capacity of the crane reduces as the jib is extended.

DO NOT position any part of your body beneath the load.

DO NOT use the crane to move, or transport, a load around the workshop. The crane is a lifting device only.

DO NOT apply any sideways pressure to any part of the crane during lifting or when a load is suspended.

DO NOT attempt to adjust the safety valve, which has been set and sealed by the manufacturer.

DO NOT use this product to perform a task for which it is not designed.

DO NOT use whilst under the influence of drugs, alcohol or intoxicating medication.

DO NOT climb on the crane.

When not in use fold the crane down and store in a safe, dry, childproof area.

WARNING! Failure to heed safety and warning instructions may result in damage and/or personal injury.

2. Specifications

Jib Position	1	2	3	4	Product Weight
Lifting Capacity (kg)	1000	750	500	250	80kg
Jib Extension Length (mm)	850	980	1070	1160	

3. Operating Instructions

NOTE: ENSURE YOU HAVE READ AND UNDERSTOOD THE SAFETY INSTRUCTIONS IN SECTION 1 BEFORE YOU OPERATE THE CRANE.

3.1. Using the pumping handle end, turn the release valve firmly to the right.

3.2. Put handle into pump socket and pump. The jib will move, continue to pump until the jib reaches the height at which the load can be secured.

3.3. Connect the crane hook to the load using a suitable certified sling or support beam. Ensure you are aware of the load weight, and check that it is within the capacity of the crane (at the jib extension you are using) and the sling or support beam. When removing engines ensure you know the weight to be lifted. Use only the lifting points recommended by the vehicle manufacturer.

3.4. Lift only from directly above the load. **WARNING! DO NOT LIFT THE LOAD AT AN ANGLE!**

3.5. To lower load, position handle on release valve at base of ram and turn VERY SLOWLY anti-clockwise avoiding any sudden movement.

WARNING! Do not allow the load to drop suddenly.

3.6. The crane is not a transportation device but may be used to reposition the load being worked on. To do so, lower load and jib with care, to the lowest possible point before attempting to move. Do not try to move crane in a sideways direction. The crane is not designed to support the load indefinitely. When you have repositioned the load, lower the load onto a secure and appropriate working base, being fully aware of your own and other persons locations in relation to the lowering load.

3.7. When load has been secured, remove lifting sling, support beam etc. and place crane in a safe location with lifting beam fully lowered.

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