

LB Lever Hoist

3/4, 1, 1 1/2, 2, 2 3/4, 3, 6, and 9 Ton capacity

The LB Series of lever hoists offers a low headroom, compact design that is perfect for use in tight quarters. Regarded as the best lever hoist in the industry, our LB is recommended for use in heavy-duty construction work, mining, manufacturing, shipbuilding and day-to-day maintenance and repair.

Many Benefits From More Features:

- Rugged, all-steel construction that actually weighs less than comparable aluminum models.
- Get positive braking action with Weston-style load brake incorporating two moisture-resistant brake pads with four braking surfaces. Includes two brake pawls for additional reliability.
- Enjoy protection against dirt and moisture with a totally enclosed brake mechanism.
- Ensure long life with machined, heat-treated, split load double reduction gears.
- Operate in close quarters with short steel handle and 15-degree recovery strokes.
- Patented spring-loaded freewheel mechanism permits easy adjustment of the load chain and safeguards against accidental freewheeling under load.
- Equipped with standard rubber grip for non-slip operation.

Options: (See page 29)

- Load limit warning handle
- Top hook extender
- Point load hook
- Slip clutch
- Inspection hook
- Bullard® and Shur-Loc® hooks

Capabilities To Count On:

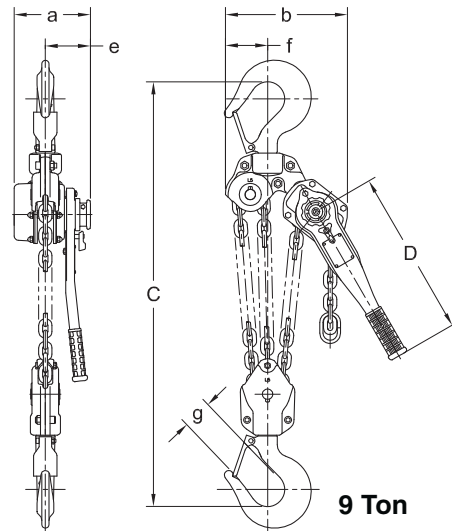
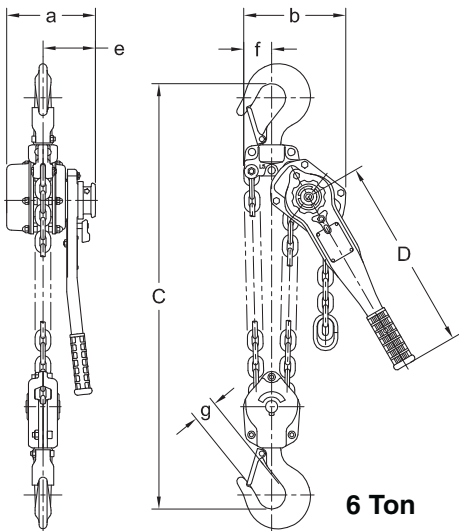
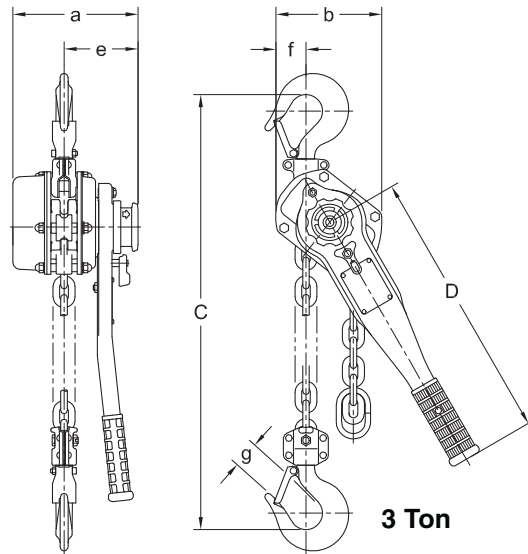
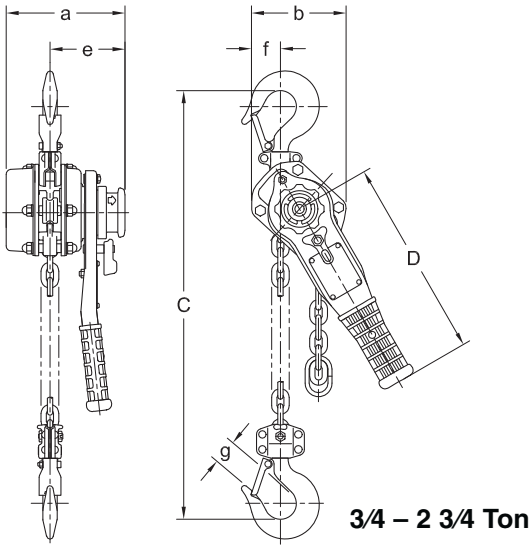
- 5-foot lift is standard, 10-, 15- and 20-foot lifts also stocked; nonstandard lifts available as well.
- Grade 100 heat-treated load chain is nickel plated for corrosion resistance.
- Forged and heat-treated alloy steel hooks open slowly without fracturing under excessive loads. Top and bottom hooks rotate 360°.
- Test certificate verifies that every hoist has been factory load tested to 125% of rated capacity, in accordance with ASME B30.21 requirements.



LB LEVER HOIST — SPECIFICATIONS & DIMENSIONS

Cap. (Tons)	Product Code	Headroom C (in)	Std. Lift (ft)	Pull to Lift Load* (lbs)	a (in)	b (in)	D* (in)	e (in)	f (in)	g (in)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)	Shipping Weight Approx. (lbs)	Weight for Additional One Foot of Lift (lbs)
3/4	LB008	11.0	5	54 (36)	5.7	4.7	9.6 (14.4)	3.8	1.6	0.9	5.6 x 1	13	13	0.5
1	LB010	11.8		72 (46)						1.1		13	14	
1 1/2	LB015	13.2		64 (45)	6.3	5.0	10.4 (14.4)	3.9	1.5	1.3	7.1 x 1	18	18	0.7
2	LB020	14.8		59 (42)	6.8	5.9								
2 3/4	LB028			81 (57)			6.3	10.0 x 1	33	35	1.5			
3	LB030	15.6		69	7.5	8.5						16.3 (16.9)	4.4	2.3
6	LB060	21.3		72			12.0	4.1	2.9	10.0 x 3	88			
9	LB090	26.8		78										

*Figures in parentheses are for hoists with the optional load limit warning handle.



LB Designs and Capacities for Every Application



*Single chain
fall line
3 1/4-3 Ton*



*Double chain
fall line
6 Ton*



*Triple chain
fall line
9 Ton*

**Industry's First
2 3/4 Ton Capacity Lever Hoist**

Created for industrial applications where
3 Ton is too much and 2 Ton is not enough.



Load Limit Warning Handle

An LB lever hoist equipped with a load limit warning handle alerts the operator when the hoist is being used to lift damaging loads beyond rated capacity. The load limit warning handle signals the operator in three ways:

- Sight: The green signal changes to red.
- Feel: The load handle deflects 15-degrees.
- Sound: The handle emits a click when deflected.

The handle resets when you operate the hoist in the down direction.

Top Hook Extenders

LB lever hoists are available with a top hook extender that locates the hoist body away from its attachment point. The top hook extender is 18 inches long and is available for 3/4 through 3 Ton LB lever hoists.

Point Load Hook

Harrington offers a special hook for the 1 1/2 and 3 Ton LB lever hoists that is designed to accommodate point loading. This hook is popular in ship and rail yards, where pulling operations can result in hook point loading.

Slip Clutch

Harrington offers a slip clutch device on our LB lever hoists which prevents the hoist from being used to lift damaging loads beyond rated capacity. This factory installed slip clutch is available on 3/4, 1 1/2, 3 and 6 Ton capacities. Hoists with the slip clutch are clearly marked and the free knob is black in color to easily identify the installation of this option.

Inspection Hooks

Harrington's inspection hook is suitable for applications where inspection of the internal parts of the hook set is required. The inspection hook uses the standard Harrington hook set and is assembled with high-strength locking fasteners instead of rivets. Inspection hooks are available in top and bottom versions for single fall LB, CB, CF, and NTH model hoists.

Bullard® and Shur-Loc® Hooks

These hooks offer a positive locking latch feature. Consult Customer Service for full details.



Load Limit Warning Handle



Top Hook Extender



Point Load Hooks



Slip Clutch