

## CF Hand Chain Hoist

1/2 through 5 Ton capacity

Harrington CF hand chain hoists give you a practical alternative thanks to an economical design using fewer parts for trouble-free service. Outstanding durability is due to a die-cast aluminum body and high-strength, heat-treated main pinion shaft and load gear. Pre-lubricated ball bearings, precision machined gears, and Weston-style load brake make lifting smooth and easy while allowing long service and low maintenance.

### Many Benefits From More Features:

- Experience exceptional strength with a thick die-cast aluminum body.
- Handle tough demands with high-strength, heat-treated main pinion shaft and load gear.
- Get positive braking action with Weston-style load brake incorporating two moisture-resistant brake pads with four braking surfaces.
- Minimize manual effort thanks to smooth running, pre-lubricated ball bearings, and precision machined drive train components.
- Simplify maintenance with fewer parts and an easy-to-work-on design.

### Capabilities To Count On:

- 10-foot lift is standard, 15- and 20-foot lifts are also stocked; nonstandard lifts and hand chain drops available as well.
- Grade 100 heat-treated manganese alloy load chain resists abrasion and wear while minimizing chain weight.
- Forged and heat-treated alloy steel hooks are designed to open slowly and not fracture under excessive loads.
- Test certificate verifies that every hoist has been factory load tested to 125% of rated capacity, in accordance with ASME B30.16 requirements.

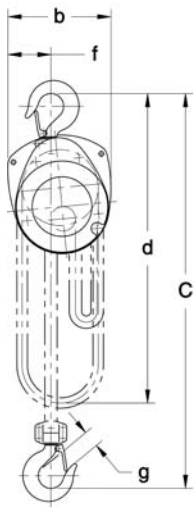
### Options: (See Pages 28-29)

- Chain container
- Corrosion-resistant chain
- Inspection hook

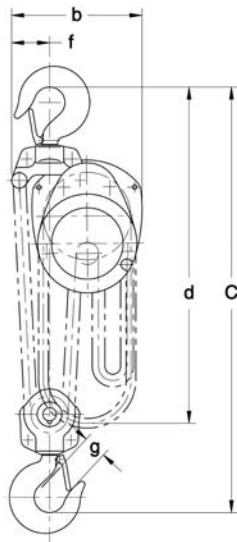
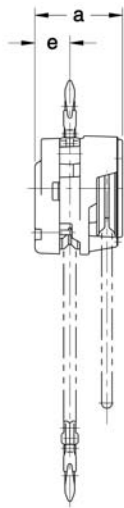


**CF HAND CHAIN HOIST — DIMENSIONS**

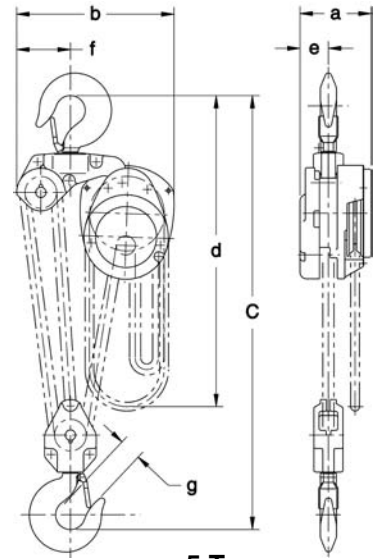
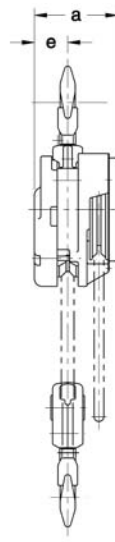
Cap. (Tons)	Product Code	a (in)	b (in)	d (ft)	e (in)	f (in)	g (in)
1/2	CF005	5.4	5.9	10	2.0	2.4	1.1
1	CF010	5.8	6.9		2.3	2.9	
1 1/2	CF015	6.0	8.0		2.4	3.4	1.3
2	CF020	5.8			2.3	2.3	1.4
3	CF030	6.0	9.4		2.4	2.7	1.7
5	CF050		13.5			4.5	1.8



1/2 – 1 1/2 Ton



2 – 3 Ton



5 Ton

**CF HAND CHAIN HOIST — SPECIFICATIONS**

Cap. (Tons)	Product Code	Headroom C (in)	Std. Lift (ft)	Pull to Lift Load (lbs)	Overhaul Ratio	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)	Shipping Weight Approx. (lbs)	Weight for Additional One Foot of Lift (lbs)
1/2	CF005	12.8	10	60	19	5.0 x 1	24	26	1.0
1	CF010	14.6		72	31	6.3 x 1	29	31	1.2
1 1/2	CF015	17.3		84	41	7.1 x 1	40	42	1.4
2	CF020	20.1		80	63	6.3 x 2	47	49	1.8
3	CF030	23.2		92	81	7.1 x 2	62	66	2.1
5	CF050	24.4			134	7.1 x 3	82	86	2.9

Please Note: Special lengths of load and hand chain available upon request. Weights are approximate.

## 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:

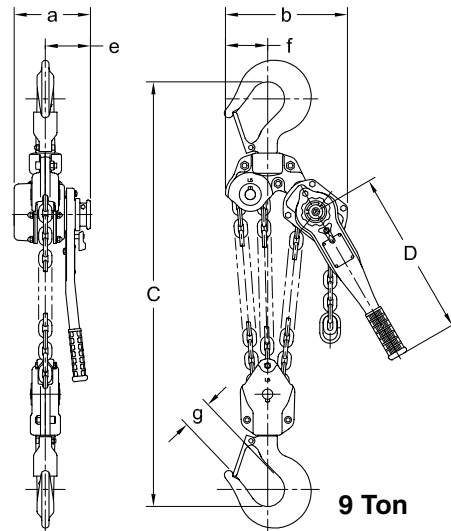
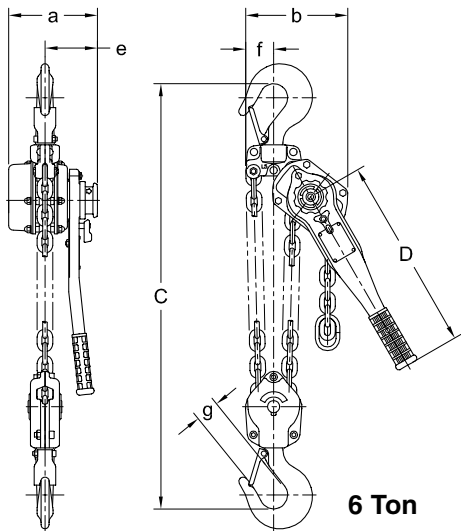
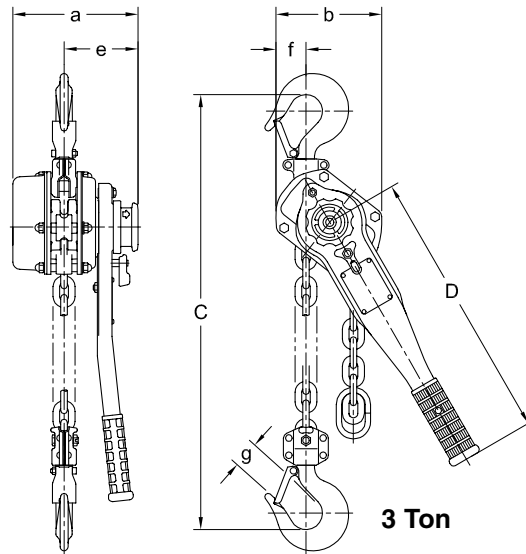
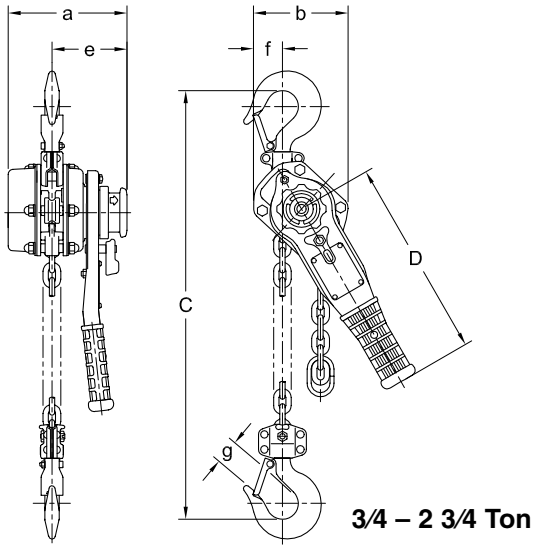
- 5-foot lift is standard, 10-, 15- and 20-foot lifts also stocked; nonstandard lifts available as well.
- Grade 100 heat-treated load chain is nickel plated for corrosion resistance.
- Forged and heat-treated alloy steel hooks open slowly without fracturing under excessive loads. Top and bottom hooks 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  
3/4-3 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.**

