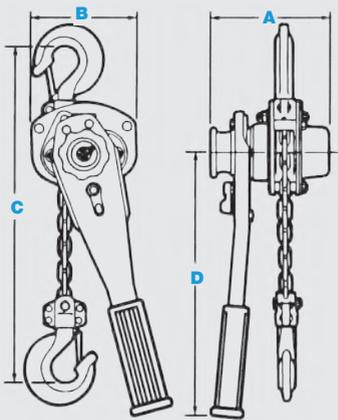


LEVER HOISTS



Lightweight, portable, chain type lever operated puller. Increases a worker's efficiency in pulling, lifting, lowering, moving and skidding objects in industrial maintenance, construction and utility company applications. Minimal effort is required to move tons. The short handle and short stroke are designed to operate in tight places. Excellent for stretching cable and fencing, positioning machinery and building components.

Construction Features:

Frame/Side Plate: Rugged, lightweight steel design supports and protects internal gearing. Frame designed to allow load hook to be attached when operator is moving from location to location preventing dragging of the load hook.

Load Lever: Designed and constructed to be easily operated by one person. Can be easily disassembled for maintenance.

Operation: The length of the load chain can easily be adjusted using the free chaining device. This device allows free movement of the load chain through the hoist under no load conditions. Once the chain is attached to the load and the slack is taken out, the change lever can be set to "up" to engage the hoist and chain will be pulled through the device with each stroke of the lever by the operator. When the operator needs to move the lever hoist to the next required location, the bottom hook assembly can be attached to the hoist body preventing dragging the hook through debris.

Gears: Gearing is cold forged and permanently lubricated for longevity. Gear case cover includes bushings to support pinion shaft and change gears.

Mechanical Load Brake: Weston type multiple disc brake controls load smoothly, holding full capacity loads in any position. Load is not transferred back to handle during handle advancement.

Load Chain: Electric welded alloy steel chain is heat treated for strength and wear resistance. Accurately and uniformly sized to seat properly in the deep pockets of the load sheaves.

Load Block: The load block supports the load hook permitting hook to swivel 360° under capacity loads. Load block is designed to guide the chain without jamming during normal operation.

Hooks: All hooks are drop forged, heat treated steel with spring type latches. Both hooks rotate 360° for easy rigging.

Options: Overload clutch, nickel plated load chain and shipyard hooks.

For hook dimensions, see page 26.

Model Number	Model Number with Overload	Cap. (Tons)	Std. Lift (ft.)	Pull to Lift Full Load (lbs.)	Dimensions (in.)				Load Chain Diameter (in.) X Chain Fall Lines	Weight for Add'l 1ft. of lift (lbs.)	Net Weight (lbs.)
					A	B	C	D			
1150410	1150410-OL	3/4	5	66 lb	6.1	4.8	13.0	10.8	.248 x (1)	14	0.6
1150420	1150420-OL	3/4	10	66 lb	6.1	4.8	13.0	10.8	.248 x (1)	14	0.6
1150430	1150430-OL	1 1/2	5	66 lb	6.6	5.6	14.9	15.2	.280 x (1)	21	0.8
1150440	1150440-OL	1 1/2	10	66 lb	6.6	5.6	14.9	15.2	.280 x (1)	21	0.8
1150450	1150450-OL	2	5	88 lb	6.6	5.6	15.5	15.2	.280 x (1)	24	1
1150460	1150460-OL	2	10	88 lb	6.6	5.6	15.5	15.2	.280 x (1)	24	1
1150470	1150470-OL	3	5	81 lb	7.9	6.8	18.3	15.2	.354 x (1)	35	1.2
1150480	1150480-OL	3	10	81 lb	7.9	6.8	18.3	15.2	.354 x (1)	35	1.2
1150490	1150490-OL	6	5	84 lb	7.9	9.5	13.7	15.2	.354 x (2)	59	2.4
1150500	1150500-OL	6	10	84 lb	7.9	9.5	13.7	15.2	.354 x (2)	59	2.4
1150510	1150510-OL	9	5	86 lb	7.9	13.7	30.5	15.2	.354 x (3)	90	3.6
1150520	1150520-OL	9	10	86 lb	7.9	13.7	30.5	15.2	.354 x (3)	90	3.6