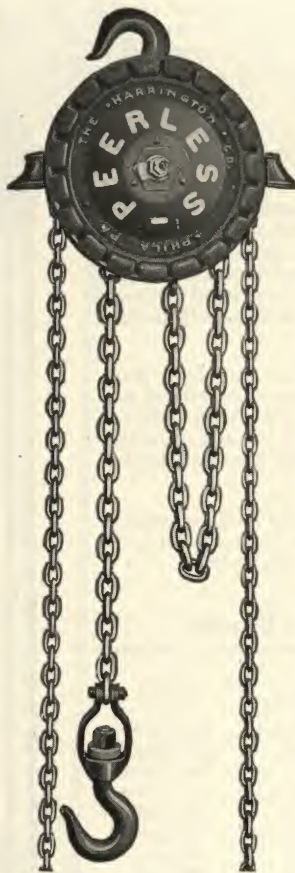


Harrington Peerless Hoists

All Steel, Ball-Bearing, Spur Geared



Regular Hoist

COMPOSED entirely of steel working and load carrying parts. The two main frames are cut from tough steel plate into which are welded steel cups for supporting and enclosing high duty ball bearings that support the direct load. The load chain is made from the best grade of strong and ductile steel, the joints being electrically butt-welded on the side with a smooth finish. The sheave wheel for the hand chain is of pressed steel.

The bottom hook and swivel, both of drop-forged steel, are equipped with a ball thrust permitting easy rotation of the heaviest load and having a bolted connection allowing easy application on any length load chain.

The gearing is a simple train of spurs of alloy and high carbon steels with accurately generated cut teeth and all heat treated. A double set of intermediate gears and pinions in horizontal arrangement balances the tooth pressures and relieves the central bearings of all strains.

Quick speed gearing for increasing the rate of hoisting is optional equipment on $\frac{1}{4}$, $\frac{1}{2}$, and 1-ton sizes.

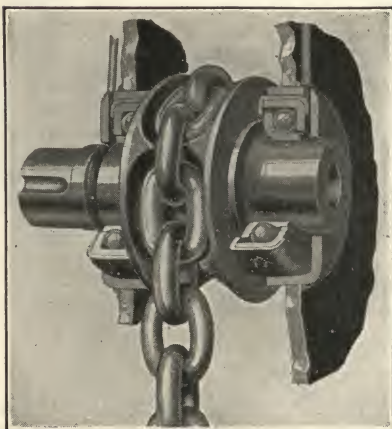
The sustaining mechanism with its Harrington silent rotary lock is a friction brake which revolves as one piece with the pinion shaft when lifting; but when hoisting or lowering ceases, it is automatically and positively locked to hold the load until again moved by the operator. The parts of this friction brake need no adjustment and only a small pull is required to lower the load.

List Prices of Regular Peerless Hoists

Capacity in Tons	Regular Lift Feet	Least Distance between Hooks, In.	Chain Handled to Lift Load 1 Foot Ft.	Pull on Hand Chain to Lift Full Load, Lbs.	Weight (reg. lift) in pounds		Price of	
					Net	Gross	Hoist Reg. Lift	Extra Lift per ft.
$\frac{1}{4}$ $\frac{1}{2}$ 1	8	13 $\frac{3}{4}$ "	14.0	45	50	66	\$60.00	\$1.40
	8	13 $\frac{3}{4}$ "	20.3	61	51	67	70.00	1.50
	8	17 $\frac{3}{4}$ "	31.5	78	80	103	90.00	1.70
1 $\frac{1}{2}$ 2 3	8	19 $\frac{3}{4}$ "	34.5	108	110	143	120.00	1.80
	9	22 $\frac{1}{4}$ "	40.5	123	150	187	140.00	1.90
	10	25 $\frac{3}{4}$ "	59.0	127	220	274	180.00	2.30
4 5 6	10	32 $\frac{3}{4}$ "	81.0	128	227	280	220.00	3.00
	12	37 $\frac{1}{2}$ "	118.0	112	325	410	280.00	3.80
	12	38 $\frac{1}{2}$ "	118.0	134	340	425	330.00	3.80
8 10	12	46"	177.0	125	436	563	400.00	5.30
	12	50"	154.5	181	510	637	480.00	6.20

Note—15 and 20 ton prices and particulars on request.

Discount.....



Showing application of Ball-Bearings on which the steel load sheave rotates and the manner in which the steel balls of large diameter reduce friction where friction is greatest. Ball-Bearings are completely enclosed and protected from dirt and grit by felt and steel washers.