

THV Lo-Pro Series Army-style manual chain hoists

0.50 to 10 metric ton lifting capacities

Features

- Low-headroom trolley hoist
- Premium VL2 hoist coupled with low-profile trolley
- All-steel construction for external impact resistance
- Forged-steel alloy load hooks with non-slip design and extra-wide throat openings for easy rigging
- Premium-grade 100 steel alloy load chain
- Contour trolley wheel design provides maximum beam contact on flat or tapered beams
- Thrust-bearing bottom block helps prevent chain twisting or kinking
- Needle bearings reduce friction and provide low hand chain pull



THV Lo-Pro Series Specifications

Model	Capacity		# Falls	Pull to Lift Rated Load		Chain O'Hauled to Lift Load 1 ft		Chain Size mm	Chain Weight per Foot		Shipping Weight with 10' of Lift		Shipping Weight with Plain Trolley		Shipping Weight with Geared Trolley	
	lb	metric tons		lb	kg	ft	m		lb	kg	lb	kg	lb	kg	lb	kg
THV005	1,100	0.50	1	55	25	25	7.6	5 x 15	1	0.4	15	6.8	35	15.9	38	17.2
THV010	2,200	1	1	73	33.2	39	11.9	6.3 x 19.2	1.2	0.5	29	13.2	50	22.7	54	24.5
THV020	4,400	2	1	76	34.5	75	22.9	8 x 24.2	1.5	0.7	37	16.8	90	40.8	96	43.5
THV030	6,600	3	2	76	34.5	116	35.4	7.1 x 21.2	2.1	1	44	20	120	54.4	128	58
THV050	11,000	5	2	85	38.6	187	57	9 x 27.2	3	1.4	55	24.9	205	93	255	115.6
THV080	18,000	8	3	90	40.9	281	85.6	9 x 27.2	4.2	1.9	60	27.2	385	174.6	420	190.5
THV100	22,000	10	4	90	40.9	375	114.3	9 x 27.2	5.4	2.5	60	27.2	455	206.3	480	217.7

► HOW TO ORDER

Example: Base Model - Lift - Hand Chain Drop Flange Width Option
 THV05G- - 20 - 18 B VPNZS

B flange (2 inch over std) = B
 S*COR*E load chain = N (standard on CP and SB models only)
 Fabric chain container = S
 Trolley lugs and bumpers = T
 Overload clutch = V (standard)
 Sandblast / carbozinc = Z

*Note: S*COR*E options provide improved protection, durability and performance for hoist operating in corrosive or harsh environments or where additional spark resistance is desirable.*

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THV Series Dimensions (in)

Model	A (min)	C	D	E	F	G	H	I	J	K	L	N	P	Q	R	T*
THV005	10.6	10	4.5	5.5	0.8	1.1	1.5	4.3	2.8	b+1.9	1.4	b-1.9	2.8	6.3	0.5	11.6
THV010	12.7	10	4.5	5.5	0.9	1.1	1.5	4.3	2.8	b+1.9	1.4	b-1.9	2.8	6.4	0.6	11.6
THV020	15.2	12.6	5.4	7.1	1.4	1.5	1.1	5	3.4	b+2	1.5	b-2.1	3.5	7.3	0.9	11.6
THV030	17.4	14	6.3	7.9	1.5	1.6	1.5	5.8	4	b+2.1	1.6	b-2.4	3.1	6.8	1.1	12
THV050	21.5	17.5	7	10.5	1.9	1.8	1.4	6.6	4.8	b+2.8	2.1	b-2.9	3.5	7.5	1.4	14.5
THV080	26.8	20.5	7.8	9.9	2.9	2.5	1.2	7.4	6.1	b+3.3	2.4	b-3.5	4	8.3	2.1	18.8
THV100	27.6	20.5	7.8	9.9	2.9	2.5	1.2	7.4	6.1	b+3.3	2.4	b-3.5	4	8.3	2.1	18.8

* Applicable for geared trolleys only.

