

1/2 to 30 Tonne **CE**
MA Series

HAND CHAIN HOIST

FEATURES

- * Increased efficiency by additional pinion shaft bearing and close tolerances.
- * **Hook blocks are bolted allowing complete hook inspection**
- * Lightweight and durable all steel construction with powder coated finish and plated external components to resist corrosion
- * **Premium Grade 80 Zinc plated alloy load chain** manufactured in Germany, Japan or USA
- * Hand chain opening is formed with a radius for smooth operation
- * Sealed ball bearings on the chain wheel maximize efficiency and serviceability
- * Self adjusting double pawl disc type mechanical load brake insures positive load control
- * Double roller guide insures load chain tracking
- * **Optional Overload Protection is new design one way clutch that will only slip in the lift direction.**
- * **Optional Self Locking Hooks**
- * **Optional USA made load chain with final assembly and test in the USA**
- * Meets: ASME/ANSI B30.16, OSHA, NASA-STD-8719.9, EU Directives: 98/37/EC and ATEX rated Ex II 3 GD c IIB 54° C X for limited use in Hazardous Environments



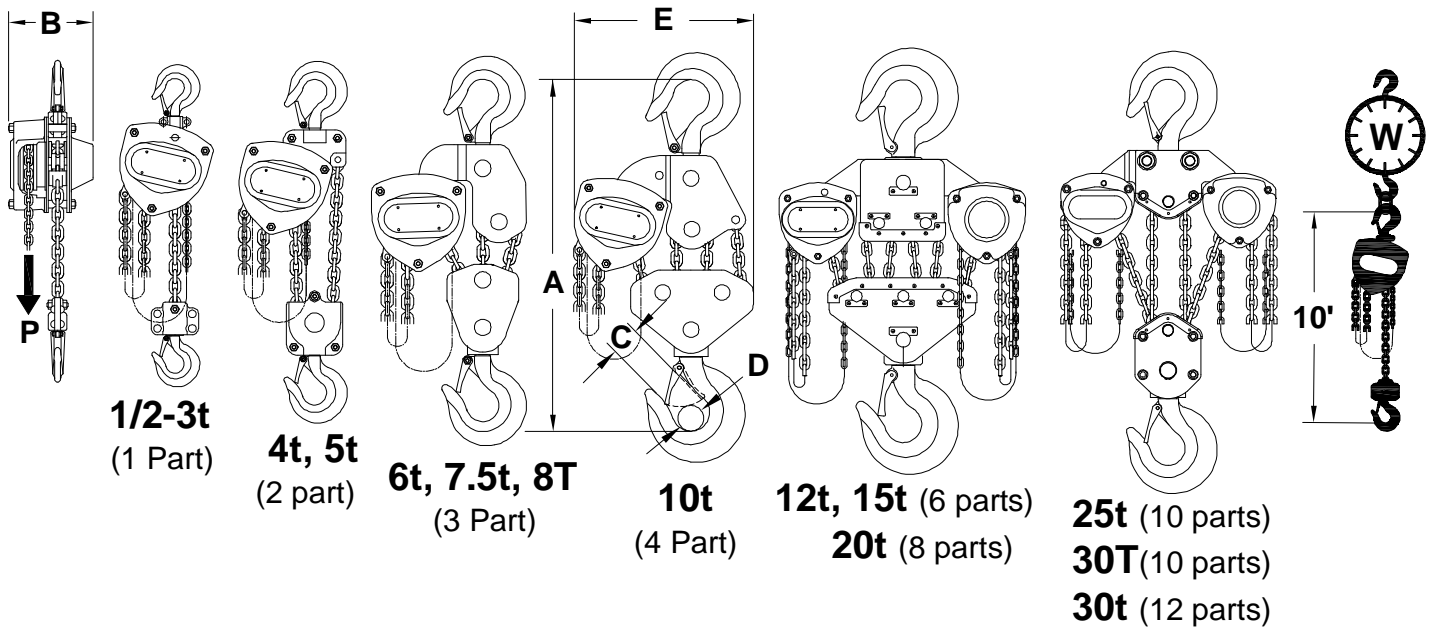
**OUR CHAINS
 ARE ZINC PLATED**

**PLATED FRAME AND GUIDE
 COMPONENTS AND ROUNDED
 HAND CHAIN ENTRANCE**



Before using these products; Read and follow instructions in the operator's manual. Never exceed capacity. Do not use for lifting people or loads over people





MA SERIES SPECIFICATIONS and DIMENSIONS (inches and pounds unless noted)

Base Model	Working Load Limit (WLL)	Fall	Chain (mm)	A" Min.	B"	C"	D"	E"	P (lbs) Max.	W (lbs) /Ft. lift	W (1) (lbs) 10 Lift
MA005	1/2t (1100 lbs)	1	5 x 15	13.8	5.4	0.95	0.84	5.7	56	0.74	20
MA010	1t (2200 lbs)	1	6 x 18	15.1	6.1	1.13	1.04	6.3	64	0.92	26
MA015	1.5t (3300 lbs)	1	7.1 x 21	17.4	6.9	1.30	1.15	7.2	69	1.12	36
MA020	2t (4400 lbs)	1	8 x 24	19.1	7.0	1.46	1.35	8	77	1.30	44
MA030	3t (6600 lbs)	1	10 x 28	21.8	8.1	1.65	1.41	10	84	1.88	72
MA040	4t (8800 lbs)	2	9 x 27	27.1	7.4	1.81	1.74	9.8	67	2.88	93
MA050	5t (11000 lbs)	2	9 x 27	27.1	7.4	1.81	1.74	9.8	84	2.88	93
MA060	6t (13200 lbs)	3	9 x 27	27.2	7.4	1.81	1.74	16.9	66	4.13	136
MA075	7.5t (16500 lbs)	3	9 x 27	27.2	7.4	2.06	2.24	16.9	83	4.13	136
MA080	8T (16000 lbs)	3	9 x 27	27.2	7.4	2.06	2.24	16.9	80	4.13	136
MA100	10t (22000 lbs)	4	9 x 27	30.1	7.4	2.06	2.24	18.1	86	5.38	165
MA120	12t (26400 lbs)	6	9 x 27	35.4	7.9	3.21	2.66	28.3	2 x 68	8.26	332
MA150	15t (33000 lbs)	6	9 x 27	35.4	7.9	3.21	2.66	28.3	2 x 90	8.26	332
MA200	20t (44000 lbs)	8	9 x 27	37.4	7.9	3.21	2.66	33.5	2 x 98	10.76	422
MA250	25t (55000 lbs)	10	9 x 27	45.3	14.5	3.21	2.66	27.7	2 x 107	13.26	509
MA273	30T (60000 lbs)	10	10 x 28	45.3	15.3	3.21	2.66	27.7	2 x 109	15.76	524
MA300	30t (66000 lbs)	12	10 x 28	45.3	15.3	3.21	2.66	27.7	2 x 108	15.76	590

(1) Shipping weight can be estimated by adding approx. 25% to "W" hanging weight

Standard lift = 10, 15 and 20 Ft. hand chain drop is 2 Ft less than lift. Custom lifts are available

Option L = Self Locking Hooks top and bottom (Available 1 through 5t)

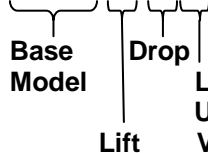
Option U = USA made load chain + final assembly and test in the USA

Option V = Overload Protection, one-way operation that will lower any load.



How to Order, by descriptive model number

Example: Model MA050-20-18SV



L = Self Locking Hook (available on 1-5t)

U = USA load chain + USA final assembly and test

V = Overload protection



Option U



Option L