



ALL MATERIAL HANDLING LIFTING EQUIPMENT

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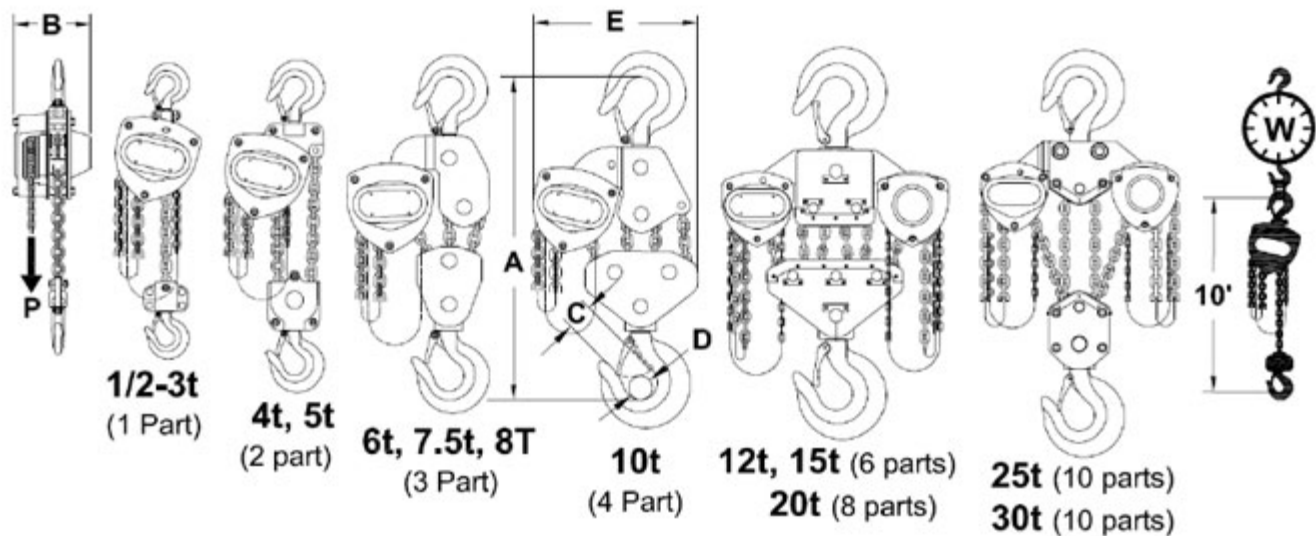
HAND CHAIN HOIST MA SERIES^{CE}

1/2 to 30 Metric tonne capacity

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 frame components to resist corrosion
- Premium Grade 80 Zinc plated alloy load chain manufactured in Germany, Austria or Japan
- 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 directional clutch that will only slip in the lift direction**
- Meets: ASME/ANSI B30.16, OSHA, NASA-STD-8719.9 and EU Directives: 98/37/EC
- ATEX rated  II 3 GD c IIB 50° C X for limited use in Hazardous Environments





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	1.3	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	1.81	18.1	86	5.38	165
MA120	12t (26400 lbs)	6	9 x 27	35.4	7.9	3.21	2.66	28.3	2x68	8.26	332
MA150	15t (33000 lbs)	6	9 x 27	35.4	7.9	3.21	2.66	28.3	2x85	8.26	332
MA200	20t (44000 lbs)	8	9 x 27	37.4	7.9	3.21	2.66	33.5	2x86	10.76	422
MA250	25t (55000 lbs)	10	9 x 27	45.3	14.5	3.21	2.66	27.5	2x89	13.26	509
MA300	30t (66000 lbs)	10	10 x 28	45.3	15.3	3.21	2.66	29.5	2x87	15.76	546

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

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

Order by descriptive model number, example: Model **MA050-20-18V**

Base Model -Lift -Drop Option

MA050 **-20** **-18** **V**

V = Overload Protection

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