



Professional cranes & hoists for lifting



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- Revision of April, 2023 (Edition No.3) #950182
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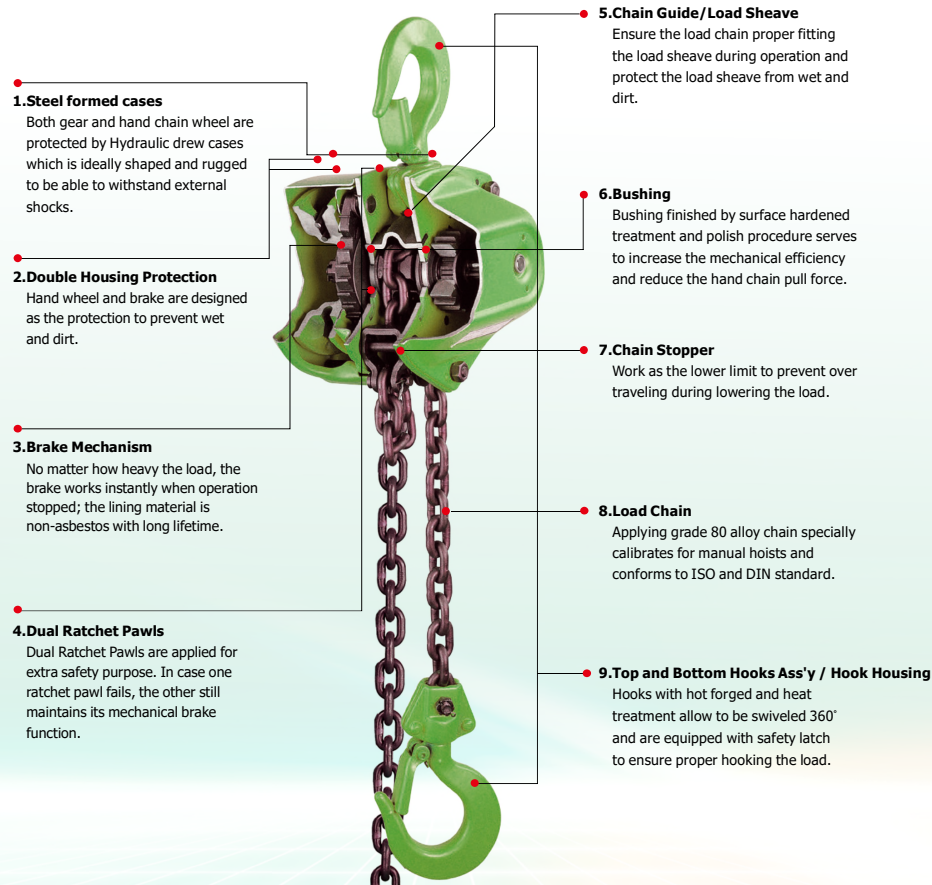


Hand Chain Block & Lever Hoist



CHENG DAY MACHINERY WORKS CO., LTD.

HAND CHAIN BLOCK



■ Advantage of Overload Device (O.L.)-Optional



Model	Capacity (ton)	O.L. factor	Test load (ton)
UB - 050	0.5	1.25	0.63
UB - 100	1	1.25	1.25
UB - 160	1.6	1.25	2
UB - 200	2	1.25	2.50
UB - 300	3	1.25	3.75
UB - 500	5	1.25	6.25
UB - 750	7.5	1.25	9.38
UB - 1000	10	1.25	12.50

※ O.L. for above 10 tons is also available upon request.

- New design of Overload Device with concealed structure protects itself from external effect.
- O.L. could work rapid and stable and be easily restored by reducing the load under rated capacity without readjustment.
- O.L. is manufactured by alloy metal and completed with surface hardness treatment to ensure long life operation.
- O.L. is optional and could be attached onto the hoist without changing any hoist structure.
- Suggest using at frequent overload operation environment to ensure users' safety.
- Use overload device to ensure hoist life-span.

■ Hand Chain Block Series

CHENG DAY MACHINERY WORKS CO.,LTD.

■ 0.5, 1, 1.6, 2 ton



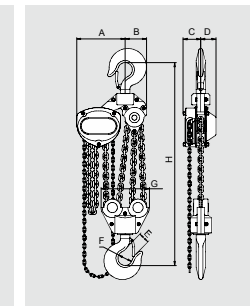
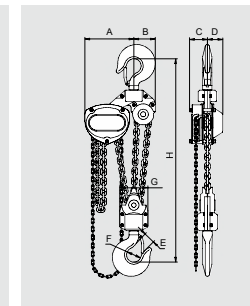
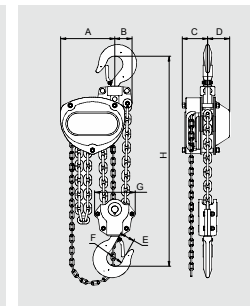
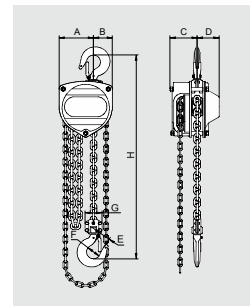
■ 3, 5 ton



■ 7.5 ton



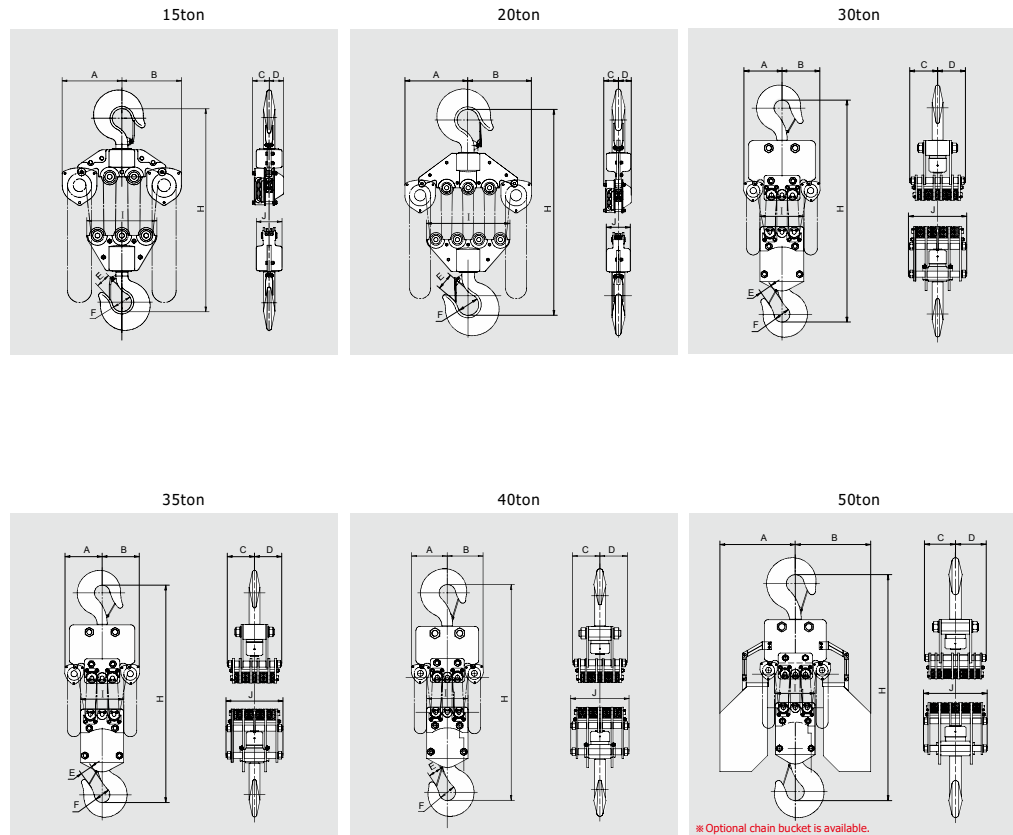
■ 10 ton



■ SPECIFICATIONS

Model	Capacity (ton)	Lift (m)	Load chain		Hand chain Dia x pitch (mm)	Headroom H(mm)	Hand chain pulling per lift meter (m)	Hand effort to lift full load (kgf)	Test load (ton)	N.W. (kg)	Dimensions (mm)						
			Dia x pitch (mm)	No. of falls							A	B	C	D	E	F	G
UB - 050	0.5	2.5	5 X 15	1	5 X 23.6	275	34.7	23	0.63	9	89	46	99	65	28	35	51
UB - 100	1	2.5	6.3 X 19	1		300	57.5	27	1.25	11.4	100	52	96	69	36	43	53
UB - 160	1.6	3	7.1 X 21	1		410	67	38	2	18	114	59	100	75	38	48	62
UB - 200	2	3	8 X 24	1		450	84.2	38	2.5	21	132	71	101	83	40	52	64
UB - 300	3	3	7.1 X 21	2		530	134	38	3.75	24	155	55	94	75	50	60	111
UB - 500	5	3	10 X 30	2		675	272.3	38	6.25	45	220	70.5	113	90	60	67	134
UB - 750	7.5	3	10 X 30	3		810	408.4	40	9.38	84	287	126	113	90	65	85	166
UB - 1000	10	3	10 X 30	4		870	544.5	35	12.5	95	287	126	113	90	65	85	286

※ Hand chain pulling per lift meter; pulling distance of hand chain to lift load chain per meter when operated.

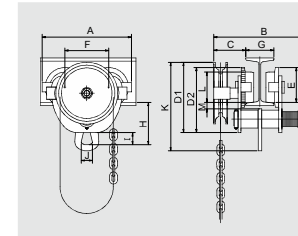


■ SPECIFICATIONS

Model	Capacity (ton)	Lift (m)	Load chain		Hand chain	Headroom	Hand chain pulling per lift meter (m)	Hand effort to lift full load (kgf)	Test load (ton)	Dimensions (mm)									
			Dia x pitch (mm)	No. of falls						A	B	C	D	E	F	I	J		
UB-1500	15	3	10 X 30	6	5 X 23.6	1120	408.4	44	18.75	418	418	104	90	90	120	438	160		
UB-2000	20	3	10 X 30	8		1320	544.5	46	25	494	470	104	90	115	150	590	170		
UB-3000	30	3	10 X 30	16		2240	1089	40	37.5	380	380	318	318	140	180	500	665		
UB-3500	35	3	10 X 30	16		2240	1089	43	43.75	380	380	318	318	140	180	500	665		
UB-4000	40	3	10 X 30	16		2330	1089	46	50	380	380	326	326	160	200	500	710		
UB-5000	50	3	10 X 30	20		2560	1361.5	48	62.5	390	390	388	388	180	224	500	800		

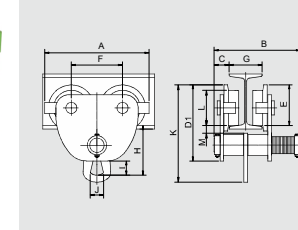
※ Hand chain pulling per lift meter; pulling distances of hand chain to lift load chain per meter when operated two hand chains synchronously.

GEARED TROLLEY



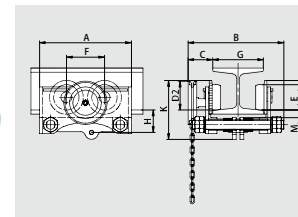
Model	Capacity (ton)	Dimensions (mm)														Min. radius of curve (m)	N.W. (kg)
		A	B	C	D1	D2	E	F	H	I	J	K	L	M	G		
GT-050	0.5	194	266	81	150	151	69	89	115	33	28	199	60	32	50-150	1	8.8
GT-100	1	217	273	84	170	167	78	100	125	35	31	221	70	29	75-150	1	13.5
GT-200	2	247	309	91	224	207	91	116	171	55	56	301	80	31	100-175	1.3	19.8
GT-300	3	270	346	96	241	239	103	130	215	79	60	355	90	35	100-200	1.5	30.3
GT-500	5	310	350	98	235	251	117	140	218	84	60	370	100	33	125-200	1.6	37
GT-750	7.5	368	382	110	280	292	135	184	260	103	76	435	120	40	150-200	2.2	64
GT-1000	10	398	389	114	301	322	152	197	275	105	76	467	140	35	150-200	2.2	86

PLAIN TROLLEY

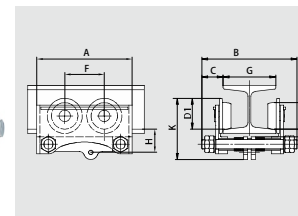
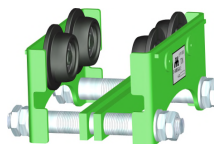


Model	Capacity (ton)	Dimensions (mm)														Min. radius of curve (m)	N.W. (kg)
		A	B	C	D1	D2	E	F	H	I	J	K	L	M	G		
PT-050	0.5	194	220	35	151	69	89	115	33	28	199	60	32	50-150	1	6.4	
PT-100	1	217	227	39	167	78	100	125	35	31	218	70	29	75-150	1	10.6	
PT-200	2	247	260	43	207	91	116	171	55	56	284	80	31	100-175	1.3	16.8	
PT-300	3	270	300	50	239	103	130	215	79	60	353	90	35	100-200	1.5	25.8	
PT-500	5	310	304	52	251	117	140	218	84	60	370	100	33	125-200	1.6	32.6	
PT-750	7.5	368	343	72	292	135	184	260	103	76	435	120	40	150-200	2.2	59.5	
PT-1000	10	398	350	75	322	152	197	275	105	76	467	140	35	150-200	2.2	81.4	

■ LGT · LPT



Model	Capacity (ton)	Dimensions (mm)														Min. radius of curve (m)	N.W. (kg)
		A	B	C	D1	D2	E	F	H	I	J	K	L	M	G		
LGT-050	0.5	210	275	80	128	125	69	91	61	146	60	20	75-150	1	12		
LGT-100	1	240	290	83	142	139	78	100	64	160	70	20	75-150	1	14.9		
LGT-150	1.5	321	356	91	189	172	91	116	79	207	80	26	130-200	1.3	24.6		
LGT-200	2	321	355	90	189	172	91	116	79	207	80	26	130-200	1.3	24.6		
LGT-300	3	323	366	95	192	190	103	130	115	240	90	26	130-200	1.5	31		
LGT-500	5	362	378	97	207	210	117	150	123	267	100	30	130-200	1.6	42.8		

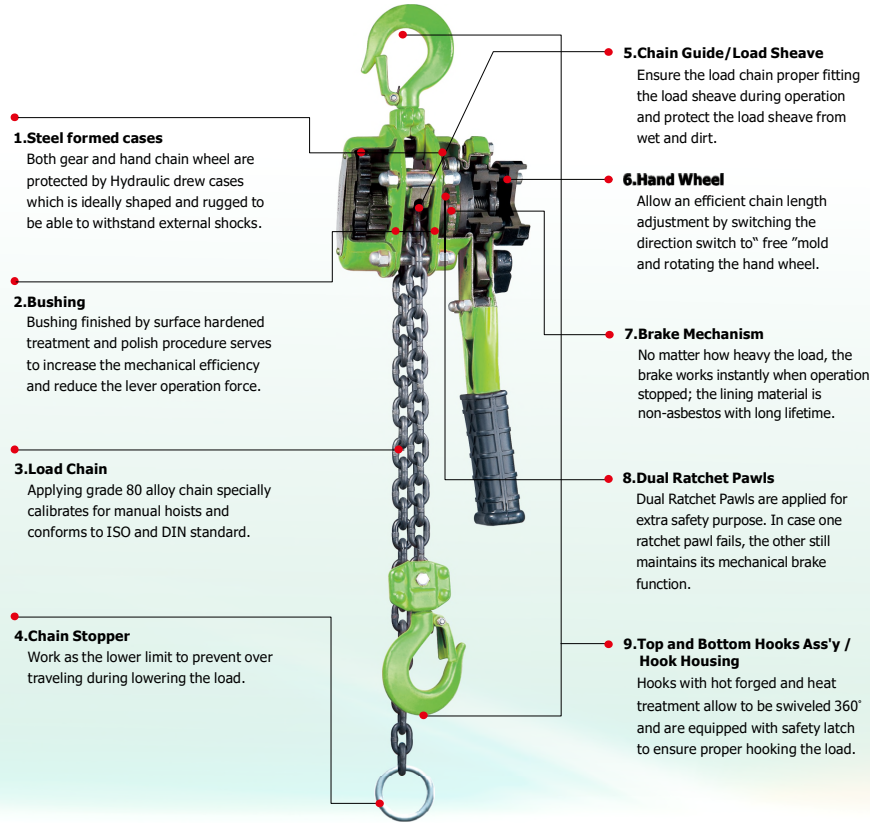


Model	Capacity (ton)	Dimensions (mm)														Min. radius of curve (m)	N.W. (kg)
		A	B	C	D1	D2	E	F	H	I	J	K	L	M	G		
LPT-050	0.5	210	240	45	125	69	91	61	144	60	20	75-150	1	8.4			
LPT-100	1	240	265	58	139	78	100	64	157	70	20	75-150	1	11			
LPT-150	1.5	321	329	65	172	91	116	79	190	80	26	130-200	1.3	19.3			
LPT-200	2	321	329	65	172	91	116	79	190	80	26	130-200	1.3	19.3			
LPT-300	3	323	343	72	190	103	130	115	238	90	26	130-200	1.5	25.7			
LPT-500	5	362	361	81	210	117	150	123	267	100	30	130-200	1.6	37.5			

LEVER HOIST

Lever Hoist Series

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■ 0.3, 0.5 ton



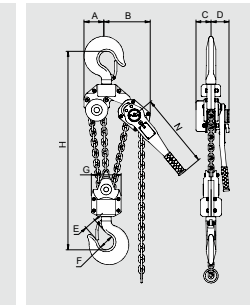
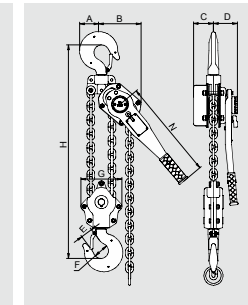
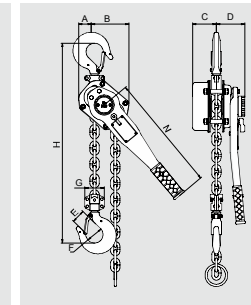
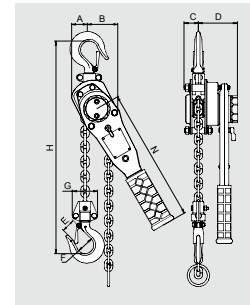
■ 0.8, 1, 1.6, 3.2 ton



■ 6 ton



■ 9 ton



■ Advantage of Overload Device (O.L.)-Optional



Model	Capacity (ton)	O.L. factor	Test load (ton)
UL - 080	0.8	1.25	1
UL - 100	1	1.25	1.25
UL - 160	1.6	1.25	2
UL - 320	3.2	1.25	4
UL - 600	6	1.25	7.5
UL - 900	9	1.25	11.25

- New design of Overload Device with concealed structure protects itself from external effect.
- O.L. could work rapid and stable and be easily restored by reducing the load under rated capacity without readjustment.
- O.L. is manufactured by alloy metal and completed with surface hardness treatment to ensure long life operation.
- O.L. is optional and could be attached onto the hoist without changing any hoist structure.
- Suggest using at frequent overload operation environment to ensure users' safety.
- Use overload device to ensure hoist life-span.

■ SPECIFICATIONS

Model	Capacity (ton)	Lift (m)	Load chain		Headroom H(mm)	Length of operating handle N(mm)	Pull on lever to lift full load (kgf)	Test load (ton)	N.W. (kg)	Dimensions (mm)						
			Dia x pitch (mm)	No. of falls						A	B	C	D	E	F	G
UL - 030	0.3	1	4.0 X 12	1	235	213	30	0.38	2.1	29	48	23	72	23	31	43
UL - 050	0.5	1.5	5.0 X 15	1	275	265	35	0.63	3.9	32	62	26	88	28	35	51
UL - 080	0.8	1.5	5.6 X 17	1	290	265	25	1	6.1	41	80	55	100	28	35	51
UL - 100	1.0	1.5	6.3 X 19	1	325	265	30	1.25	7.0	41	80	55	100	36	43	53
UL - 160	1.6	1.5	7.1 X 21	1	370	400	30	2	10.7	47	103	65	99	38	48	62
UL - 320	3.2	1.5	9.0 X 27	1	470	416	36	4	16.2	55	120	81	92	50	60	69
UL - 600	6.0	1.5	9.0 X 27	2	620	416	38	7.5	31	90	164	81	92	50	63	172
UL - 900	9.0	1.5	9.0 X 27	3	830	416	39	11.25	55	126	240	81	92	65	85	166