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Distributor:

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BLACK BEAR MANUAL HOIST AND TROLLEY CATALOG

Featuring

Hand Chain Hoists and Lever Chain Hoists

Lever Hoists with Factory Equipped Load Limiter and Marine Hooks.

Plain Push and Geared Trolleys

Low Headroom Plain Push and Geared Trolley

WE SUPPORT OUR TROOPS

Low Headroom Army Style Hand Chain Hoist

Beam Clamps

Black Bear®

Hand Chain Hoist

1. Formed Steel Covers
Both the gear case cover and hand Wheel cover are pre-formed steel providing a ruged structure to resist shocks and bumps.

2. Housing Protection
Hand wheel cover is designed to protect brake from moisture and dirt.

3. Brake Mechanism
Regardless of load, the instant acting asbestos free load brake will hold the load and is designed for long life.

4. Dual Ratchet Pawls
For added safety dual ratchet pawls are installed.

5. Load Chain Guide
Insures accurate feeding of load chain onto load sprocket and assists in protecting the load sprocket from debris and moisture.

6. Bushing
Polished and hardened pushing reduces hand chain. pull while increasing mechanical efficiency.

7. Tail Chain Stop
Prevents load chain from falling out upon reaching maximum point in lowering.

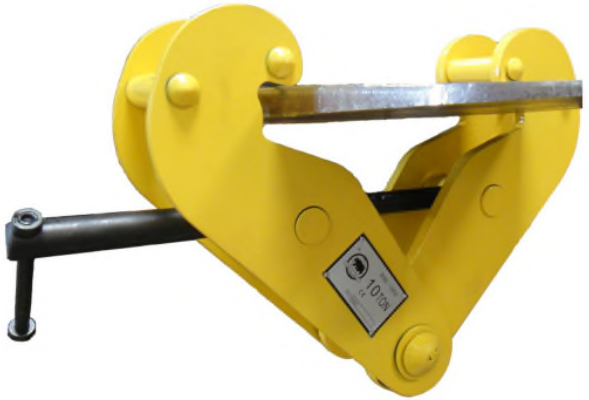
8. Load Chain
Grade 80 alloy steel chain conforms to ISO and DIN specifications.

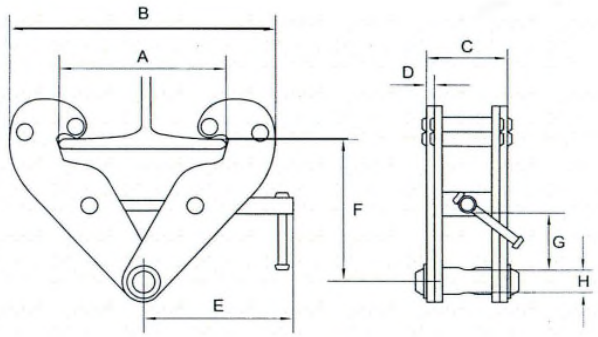
9. Upper and Lower Hooks
360 degree free swiveling forged steel hooks are equipped with safety latches.

Advantage of Overload Device

- Integrated with the hand chain wheel, it is protected from the elements and tampering.
- O.L. is manufactured from alloy steel and surface hardened for long life.
- O.L. is optional and can be added at any time.
- O.L eliminates damaging over loads, thus providing longer life for the hoist.
- Available for capacities through 10 ton.

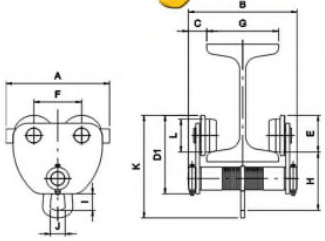
Beam Clamps





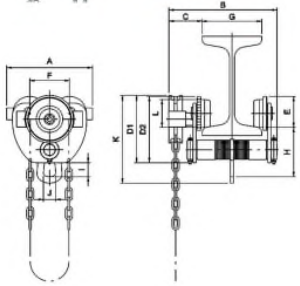
Model	Cap (ton)	Adj Beam Width (In)	A Max (In)	B		C (In)	D (In)	E (In)	F		G (In)	H (In)	N.W. (Lbs)
				Min (In)	Max (In)				Min (In)	Max (In)			
BC-100	1.0	3.0-8.5	10.24	7.09	14.2	2.5	0.20	8.46	4.02	6.10	0.98	0.87	10
BC-200	2.0	3.0-8.5	10.24	7.09	14.2	2.91	0.24	8.46	4.02	6.10	0.98	0.87	11
BC-300	3.0	3.0-12.5	13.94	9.25	19.3	4.06	0.32	10.24	5.51	8.86	1.77	0.94	21
BC-500	5.0	3.0-12.5	13.94	9.25	19.3	4.33	0.39	10.24	5.51	8.86	1.77	1.1	24
BC-1000	10.0	3.0-12.5	14.37	12.6	19.9	4.72	0.47	11.02	6.69	9.25	1.97	1.57	35

Manual Trolleys



Push & Pull Trolley

DIMENSIONS (Inch)																
Capacity	Model	A	B	C	D1	E	F	H	I	J	K	L	M	G	NW/LBS	Min Radius Curve (Inch)
0.5	PT-050	7.6	8.7	1.4	5.9	2.7	3.5	4.5	1.3	1.1	7.8	2.4	1.3	2.25"-6"	14.0	40
1.0	PT-100	8.5	8.9	1.5	6.6	3.0	3.9	4.9	1.4	1.2	8.6	2.8	1.1	3"-6"	23.0	40
2.0	PT-200	9.7	10.2	1.7	8.2	3.6	4.6	6.7	2.2	2.2	11.2	3.2	1.2	4"-7"	37.0	51
3.0	PT-300	10.6	11.8	2.0	9.4	4.0	5.1	8.5	3.1	2.4	13.9	3.5	1.4	4"-7.8"	57.0	59
5.0	PT-500	12.2	12.0	2.0	9.9	4.6	5.5	8.6	3.3	2.4	14.6	3.9	1.3	5"-7.8"	72.0	63
7.5	PT-750	14.5	13.5	2.8	11.5	5.3	7.2	10.2	4.0	3.0	17.1	4.7	1.6	6"-7.8"	131.0	87
10	PT-1000	15.7	13.8	3.0	12.7	6.0	7.8	10.8	4.1	3.0	18.4	5.5	1.4	6"-7.8"	180.0	87



Geared Trolley

DIMENSIONS (Inch)																	
Capacity	Model	A	B	C	D1	D2	E	F	H	I	J	K	L	M	G	NW/LBS	Min Radius Curve (Inch)
0.5	GT-050	7.6	10.5	3.2	5.9	5.9	2.7	3.5	4.5	1.3	1.1	7.8	2.4	1.2	2.25"-6"	19.4	40
1.0	GT-100	8.5	10.8	3.3	6.7	6.6	3.1	3.9	4.9	1.4	1.2	8.7	2.8	1.2	3-5.9	29.8	40
2.0	GT-200	9.7	12.2	3.6	8.8	8.2	3.6	4.6	6.7	2.2	2.2	11.8	3.2	1.2	3.9-6.9	43.7	52
3.0	GT-300	10.6	13.6	3.8	9.5	9.4	4.0	5.1	8.5	3.1	2.4	14.0	3.5	1.4	3.9-7.8	66.8	59
5.0	GT-500	12.2	13.8	3.9	9.3	9.9	4.6	5.5	8.6	3.3	2.4	14.6	3.9	1.3	4.9-7.8	81.6	63
7.5	GT-750	14.5	15.2	4.3	11.0	11.5	5.3	7.2	10.2	4.0	3.0	17.1	4.7	1.6	5.9-7.8	141.0	87
10	GT-1000	15.7	15.3	4.5	11.9	12.7	6.0	7.8	10.8	4.1	3.0	18.4	5.5	1.4	5.9-7.8	190.0	87

Hand Chain Hoist Specification

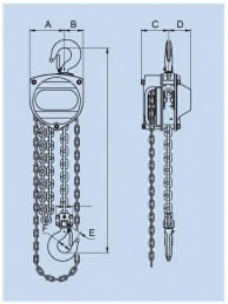
YB-050
YB-100
YB-160
YB-200

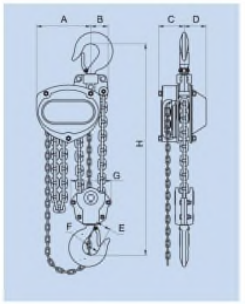
NEW
YB-320

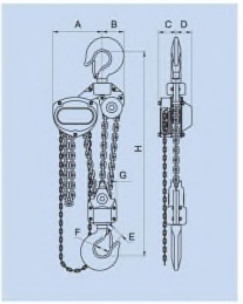
YB-300
YB-500

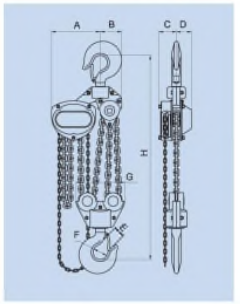
YB-750

YB-1000









Model	Capacity (ton)	Std Lift (FT)	Load Chain		Hand Chain (Inch)	Headroom	Pound of Pull Req'd (Lbs)	N.W.	Dimensions (Inch)						
			Dia x pitch	No of falls		Inch		(Lbs)	A	B	C	D	E	F	G
YB-050	0.5	10	5x15	1	5x23.6	10.80	60	19.8	3.5	1.8	2.6	1.1	1.4	1.4	2.0
YB-100	1.0		6.3x19	1		11.80	70	25.2	3.9	2.0	3.6	2.7	1.4	1.7	2.0
YB-160	1.6		7x21	1		14.77	84	40.0	4.5	2.3	3.7	3.0	1.5	1.9	2.4
YB-200	2.0		8x24	1		14.77	88	46.3	5.2	2.8	4.0	3.3	1.6	2.0	2.5
YB-300	3.0		7.1x21	2		20.88	105	53.0	6.2	2.2	3.7	3.0	2.0	2.4	4.4
YB-320	3.2		10x30	1		21.06	99	66.0	6.6	3.6	4.1	3.5	2.0	2.4	2.7
YB-500	5.0		10x30	2		26.60	84	99.0	8.8	2.8	3.7	3.5	2.4	2.6	6.5
YB-750	7.5		10x30	3		31.90	88	185.0	11.4	4.9	4.1	3.5	2.6	3.3	6.5
YB-1000	10.0		10x30	4		34.28	93	209.0	11.4	4.9	4.1	3.5	2.6	3.3	6.5

Lever Chain Hoist

1. Steel Covers
Gear cover and brake cover are fabricated from pre-formed steel providing a rugged structure to resist shocks and bumps.

2. Bushing
Polished and hardened bushing reduces hand pull required while increasing mechanical efficiency.

3. Load Chain
Grade 80 alloy steel chain conforms to ISO and DIN specifications.

4. Chain Stopper
Prevents load chain form falling out upon reaching maximum lift.

5. Load Chain Guide
Insures accurate feeding of load chain onto load sprocket and assists in protecting the load sprocket from debris and moisture.

6. Hand Wheel
Allows adjustment of very light loads or slack chain prior to engaging ratchet.

7. Load Brake
Regardless of load induced the asbestos-free load brake will hold the load and is designed for long life.

8. Dual Ratchet Pawls
For added safety dual ratchet pawls are installed.

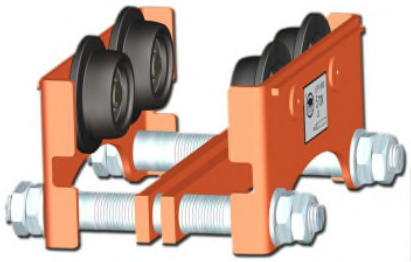
9. Upper and Lower Hooks
360 degree free swiveling forged steel hooks are equipped with safety latches.

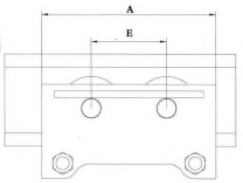
Advantage of Overload Device

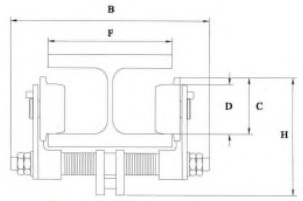
- Integrated with the hand chain wheel, it is protected from the elements and tampering.
- O.L. is manufactured from alloy steel and surface hardened for long life.
- O.L. is optional and can be added at any time.
- O.L eliminates damaging over loads, thus providing longer life for the hoist.
- Available for capacities through 10 ton.

Low Head Room Trolleys

Push Pull Trolley

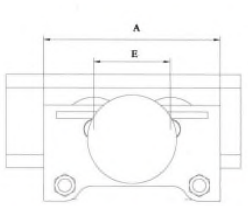


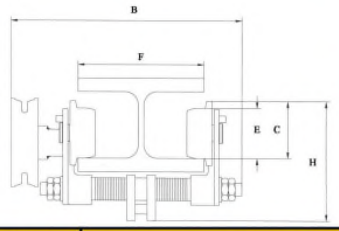




Capacity (Ton)	Model	DIMENSION (INCH)							NW/LBS	Min Radius Curve (Inch)
		A	B	C	D	E	F	(H) Headroom		
0.5	LPT-050	8.27	9.45	2.7	2.36	3.58	3-6	5.7	19	40"
1	LPT-100	9.45	10.43	3.06	2.76	3.94	3-6	6.2	24	40"
2	LPT-200	12.64	12.96	3.56	3.15	4.57	3-7.9	7.5	43	40"
3	LPT-300	12.72	13.50	4.00	3.54	5.12	5-7.9	9.4	57	59"
5	LPT-500	14.25	14.21	4.59	3.94	5.91	5-7.9	10.5	83	63"

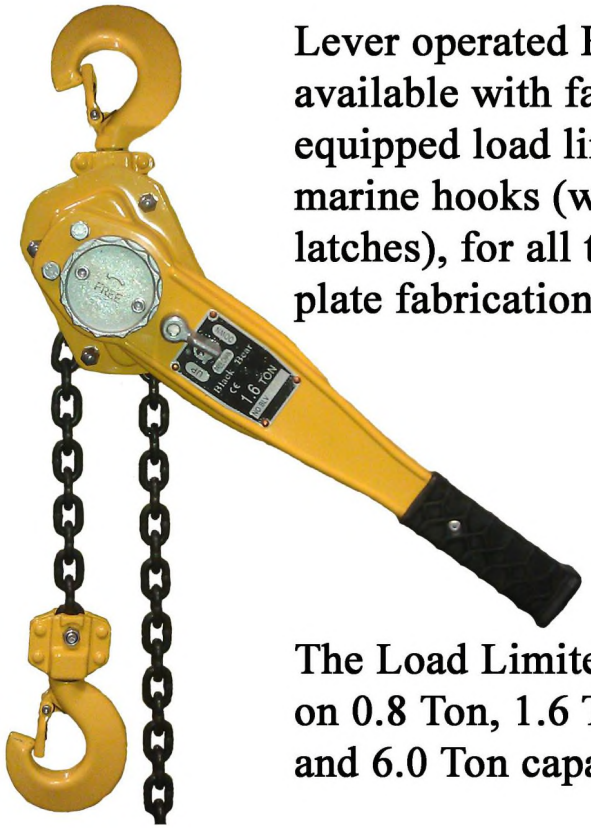
Geared Trolley





Capacity (Ton)	Model	Hand Chain (mm)	Dimensions (Inch)							NW/LBS	Min Radius Curve (Inch)
			A	B	C	D	E	F	(H) Headroom		
0.5	LGT-050	5.0	8.27	10.81	2.7	2.36	3.58	3-6	5.8	26.0	40"
1	LGT-100	5.0	9.45	11.42	3.06	2.76	3.94	3-6	6.3	33.0	40"
2	LGT-200	5.0	12.64	13.94	3.56	3.15	4.57	5-7.9	8.2	54.0	40"
3	LGT-300	5.0	12.72	14.41	4.00	3.54	5.12	5-7.9	9.5	68.0	59"
5	LGT-500	5.0	14.25	14.86	4.59	3.94	5.91	5-7.9	10.5	94.0	63"

Lever Chain Hoist_With Factory Equipped Load Limter and Marine Hook

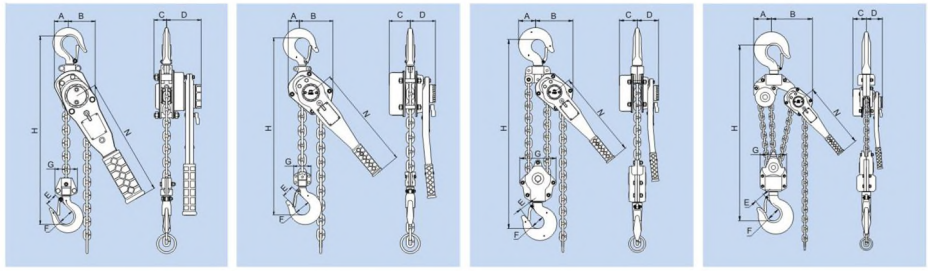


Lever operated Hand Hoist available with factory equipped load limiter and/or marine hooks (w/safety latches), for all those steel plate fabrication applications.

The Load Limiter is available on 0.8 Ton, 1.6 Ton, 3.2 Ton and 6.0 Ton capacity models.

The marine safety hooks are available on 0.8 Ton, 1.6 Ton, 3.2 Ton models.

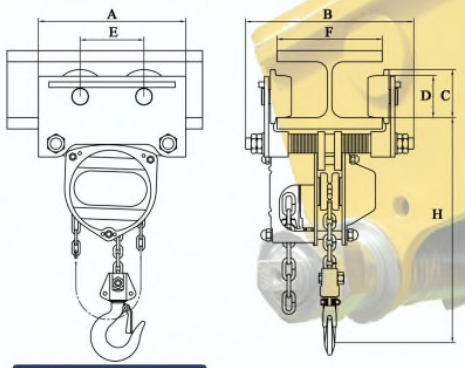
Lever Chain Hoist Specification



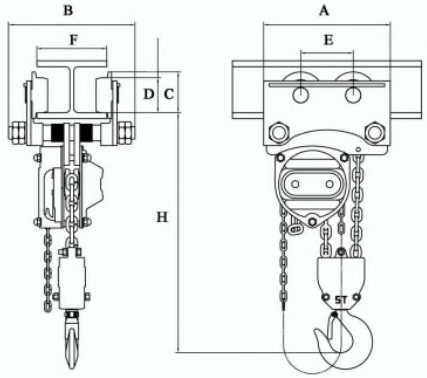
Model	Capacity (ton)	Std Lift (FT)	Load Chain		Headroom	Length of operating handle N (Inch)	Pull on lever to lift full load (lbs)	N.W.	Dimensions (Inch)						
			Dia x pitch (mm)	No of falls	Inch			(Lbs)	A	B	C	D	E	F	G
YL-030	0.3	5	4.0 X 12	1	9.3	6.0	66	4.6	1.14	1.89	0.91	2.863	0.91	1.22	1.69
YL-050	0.5	5	5.0 X 15	1	10.8	10.4	77	8.6	1.26	2.44	1.02	3.47	1.1	1.38	2.0
YL-080	0.8	5	5.6 X 17	1	11.4	10.4	55	13.5	1.62	3.15	2.17	3.94	1.1	1.38	2.0
YL-100	1.0	5	6.3 X 19	1	12.8	10.4	66	15.4	1.62	3.15	2.17	3.94	1.42	1.69	2.1
YL-160	1.6	5	7.1 X 21	1	14.6	15.7	66	23.6	1.85	4.06	2.56	3.9	1.5	1.89	2.44
YL-320	3.0	5	9.0 X 27	1	18.5	16.4	79	35.7	2.17	4.73	3.19	4.1	1.97	2.36	2.72
YL-600	6.0	5	9.0 X 27	2	24.4	16.4	84	68.4	2.44	6.46	3.19	4.1	1.97	2.48	6.78
YL-900	9.0	5	9.0 X 27	3	32.7	16.4	86	121.3	5.04	8.63	3.19	4.1	2.56	3.35	6.54

Low Head Room Push Pull Trolley Hoist

0.5 ~ 2.0 Ton



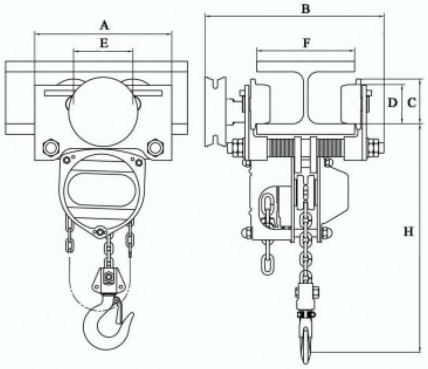
3.0 ~ 5.0 Ton



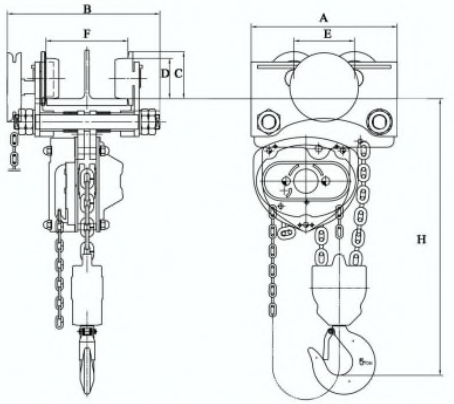
Capacity (Ton)	Model	Load Chain		DIMENSION (INCH)							NW/LBS	Min Radius Curve (Inch)
		Dia x Pitch (mm)	No of Falls	A	B	C	D	E	F	(H) Headroom		
0.5	LPT-050+ YB-050	5x15	1	8.27	9.45	2.7	2.36	3.58	3-6	7.14	38.8	40"
1	LPT-100+ YB-100	6.3x19	1	9.45	10.43	3.06	2.76	3.94	3-6	10.24	49.2	40"
2	LPT-200+ YB-200	8x24	1	12.64	12.96	3.56	3.15	4.57	3-7.9	15.91	89.3	40"
3	LPT-300+ YB-300	7.1x21	2	12.72	13.50	4.57	3.54	5.12	5-7.9	17.52	110	59"
5	LPT-500+ YB-500	10x30	2	14.25	14.21	4.59	3.94	5.91	5-7.9	23.66	182	63"

Low Head Room Geared Trolley Hoist

0.5 ~ 2.0 Ton



3.0 ~ 5.0 Ton



Capacity (Ton)	Model	Load Chain		Dimensions (Inch)							NW/LBS	Min Radius Curve (Inch)
		Dia x Pitch (mm)	No of Falls	A	B	C	D	E	F	(H) Headroom		
0.5	LGT-050+ YB-050	5x15	1	8.27	10.81	2.7	2.36	3.58	3-6	7.14	45.8	40"
1	LGT-100+ YB-100	6.3x19	1	9.45	11.42	3.06	2.76	3.94	3-6	10.25	58.2	40"
2	LGT-200+ YB-200	8x24	1	12.64	13.94	3.56	3.15	4.57	5-7.9	15.91	100.3	40"
3	LGT-300+ YB-300	7.1x21	2	12.72	14.41	4.57	3.54	5.12	5-7.9	17.52	121	59"
5	LGT-500+ YB-500	10x30	2	14.25	14.86	4.59	3.94	5.91	5-7.9	23.74	193	63"