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HAND CHAIN HOISTS

MODEL
LHH

**STAMPED
STEEL-
IDEAL** for
CONSTRUCTION

LHH Hand Chain Hoist

COFFING LHH Models - Stamped steel hand chain hoists are an excellent low cost option in the Coffing line. The compact, lightweight design is ideal for construction and contractor applications where portability and easy rigging are critical.

CAPACITIES & LIFT - Rated loads from 1/2 to 20 Tons in stock with standard lifts of 10, 15, and 20 feet. Standard hand chain drop is 2-feet less than lift. Other lifts, hand chain drops and 25 - 50 Ton models available — consult factory.

COMPACT and LIGHTWEIGHT - Designed for portability and easy installation. Compact gear housing provides low headroom.

EASY TO OPERATE - Lubricated bearings and bushings, bearing-mounted pinions, and heat-treated spur gearing ensure smooth and efficient operation with minimal effort.

SAFETY & LOAD CONTROL - Mechanical load brake engages instantly for precise load holding and positioning. 360° swivel hooks with safety latches for positive load engagement.

DURABLE - Through hardened load chain provides added strength and wear resistance for greater chain life. Stamped steel housing withstands rugged conditions.

EASY TO MAINTAIN - Designed for easy inspection and maintenance. Hoist can be dismantled easily with simple hand tools.

METRIC RATED • LIFETIME WARRANTY



1/2 - 50 Ton

● SPECIFICATIONS ●

LHH Hand Chain Hoists

Capacity		Model Number	Lifts ** (ft.)	Strands of Load Chain (Reeving)	Headroom (in.)	Hand Chain Overhaul for 1 ft. Lift (ft.)	Avg. Pull to Lift Rated Load (lb.)	Net Weight for 10 ft. Lift (lb.)
(lb.)	(Ton)							
1000	1/2	LHH-1/2	10/15/20	1	10 1/4	32	55	19
2000	1	LHH-1	10/15/20	1	11 13/16	56	53	25
3000	1 1/2	LHH-1 1/2	10/15/20	1	13 9/16	75	65	36
4000	2	LHH-2	10/15/20	1	15	75	74	46
6000	3	LHH-3	10/15/20	1	17 1/8	95	84	66
10000	5	LHH-5	10/15/20	3	22 5/8	203	79	75
16000	8	LHH-8	10/20	3	32 1/2	312.5	77	158
20000	10	LHH-10	10/20	3	32 1/2	312.5	95	158
24000	12	LHH-12	10/20	5	50 5/8	526	84	328
30000	15	LHH-15	10/20	5	50 5/8	526	103	328
40000	20	LHH-20	10/20	6	52 3/8	312.5 x 2 †	99 x 2 †	535
50000	25*	LHH-25	10	8	52 3/8	416.7 x 2 †	97 x 2 †	680
60000	30*	LHH-30	10	10	65	526.3 x 2 †	104 x 2 †	945
80000	40*	LHH-40	10	14	73 5/16	714.3 x 2 †	101 x 2 †	1400
100000	50*	LHH-50	10	20	77 5/8	1000 x 2 †	104 x 2 †	1840

* 25, 30, 40 and 50 Ton models available by special order — consult factory.

** Standard lifts shown. Other lifts available — consult factory.

† LHH-20 through LHH-50 models have two hand chains.

Note: For complete dimensional data, refer to Coffing Dimensional Databook

**CLOSE
HEADROOM —
SWIVEL TRUCK
MANEUVERABILITY**

MODEL
YLHA



YLHA Model Hand Chain Hoist

COFFING YLHA MODEL - A heavy duty, compact, swivel truck trolley hoist designed for true low headroom capabilities. It is available in plain or hand geared versions and will negotiate very tight radius curves.

CAPACITIES & LIFT - Rated loads from 1/4 to 6 Tons.

DUAL ARTICULATING TROLLEYS - Travel easily on curved beams.

EXTREMELY LOW HEADROOM - Provides increased hook travel and maneuverability in tight places.

STEEL CONSTRUCTION - Hoist and trolley are built for maximum strength and long life.

GEAR TRAIN - Heat treated, alloy steel, planetary hoist gearing.

LOAD CONTROL - Weston type load brake assures positive and efficient load control with minimal maintenance.

LOAD SPROCKET - Precision formed, cast steel pockets. Load sprocket can be reversed when a new chain is installed, providing extended sprocket life.

OPTIONS - Wrap-around side plates available.

LIFETIME WARRANTY



1/2 - 6 Ton

Made in USA

● SPECIFICATIONS ●

YLHA Hand Chain Hoists

Capacity		Model Number	Headroom (in.)	Strands of Load Chain	Hand Chain Overhaul for 1 ft. Lift (ft.)	Avg. Pull to Lift Rated Load (lb.)	Min. Beam Size †	Minimum Radius Curve (in.)	Net Weight	
(lb.)	(Ton)								Plain (lb.)	Geared (lb.)
500	1/4	YLHA-1/4P(G)*	6 3/16	2	33	17	S5" x 10.0#	21	127	144
1000	1/2	YLHA-1/2P(G)*	6 3/16	2	33	35	S5" x 10.0#	21	127	144
2000	1	YLHA-1P(G)*	6 3/16	2	33	70	S5" x 10.0#	21	127	144
3000	1 1/2	YLHA-1 1/2P(G)*	6 3/4	2	66	57	S6" x 12.5#	30	245	267
4000	2	YLHA-2P(G)*	6 3/4	2	66	76	S6" x 12.5#	30	251	270
6000	3	YLHA-3P(G)*	8 1/4	2	170	42	S8" x 18.4#	42	345	375
8000	4	YLHA-4P(G)*	9 1/4	2	170	58	S8" x 18.4#	42	350	380
10000	5	YLHA-5P(G)*	9 15/16	2	170	73	S8" x 18.4#	48	466	496
12000	6	YLHA-6P(G)*	9 15/16	2	170	90	S8" x 18.4#	48	466	496

† This trolley hoist is not adjustable to varying size beams. Each unit is custom built to customer's specific beam size. Minimum beam size listed is for wheel clearance only. Exact beam specifications must be furnished - height, type and flange width and radius curve(s).

These trolley hoists can be built to fit most wide flange beams as well as patented monorail track, wither straight or with curves - apply to factory with specific application details.

Special features such as spark resistant units, units meeting military specifications, units with chain containers and track clamps can also be furnished - apply to factory with specific engineered requirements.



MANUAL TROLLEYS

MODEL
CBT

**SMOOTH
ROLLING-
An ECONOMICAL
CHOICE**



1/4 - 5 Ton

CBT Plain & Geared Trolleys

COFFING CBT Model - Available in plain and geared models, the CBT is the economical choice for most applications. The trolley features steel wrap around side plates, dual tread wheels and lifetime lubricated shielded ball bearings. All the CBTs' features combine to ensure you a trolley that is smooth rolling, versatile and reliable.

CAPACITIES - Rated loads from 1/4 to 5 Ton (*Metric Rated*). In plain and geared models.

ECONOMICAL - Excellent low cost choice for manual and powered hoists.

RUGGED - Designed to provide superior performance and long, efficient service.

LOW ROLLING EFFORT - Geared models have standard 15-foot hand chain drop. Other hand chain drops available.

UNIVERSAL HANGING CLEVIS - Accepts most hook mounted hoists.

ADJUSTABLE - Trolley easily adjusts to fit any beam flange within range of adjustment, up to an 8.7" flange width.

WRAP-AROUND SIDE PLATES - Lugs provide additional security to increase operator safety and act as bumpers to protect wheels.

DUAL TREAD WHEELS - Will fit either tapered or flat beam flange within range of adjustment. Wheels include permanently lubricated, shielded ball bearings for long life and low maintenance.

LIFETIME WARRANTY

**COFFING®
HOISTS**

● SPECIFICATIONS ●

CBT Plain & Geared Trolleys

Capacity *		Model Number **	Beam Height (in.)	I-Beam Width (in.)	Minimum Radius Curve (in.)	Wheel Tread Diameter (in.)	Net Weight (lb.)
(lb.)	(Ton)						
500	1/4	CBTP-0025	4 - 24	2.0 - 8.7	27	2.36	19
1000	1/2	CBTP-0050	4 - 24	2.0 - 8.7	27	2.36	19
2000	1	CBTP(G)-0100	5 - 24	2.3 - 8.7	36	2.36	26
3000	1 1/2	CBTP(G)-0150	6 - 24	2.3 - 8.7	45	3.15	46
4000	2	CBTP(G)-0200	6 - 24	2.3 - 8.7	45	3.15	46
6000	3	CBTP(G)-0300	8 - 24	3.0 - 8.7	55	4.41	86
10000	5	CBTP(G)-0500	10 - 24	3.5 - 8.7	70	4.92	130

* Metric Rated

** When ordering, specify "P" for plain trolley or "G" for geared trolley.

Note: For complete dimensional data, refer to Coffing Dimensional Databook



**SUPERIOR
PERFORMANCE,
MINIMAL
EFFORT**

MODEL
CTA

CTA Plain & Geared Trolleys

COFFING CTA Model - Featuring enhanced design, and available in plain and geared models which can be modified to fit a wide range of beam sizes and styles. The CTA is designed to provide easy operation and superior performance in industrial lifting applications.

CAPACITIES - Rated loads from 1/4 to 5 tons in plain and geared models. Geared trolleys have standard 6-foot hand chain drop. Other hand chain drops available.

RUGGED - Designed to provide superior performance and long, efficient service.

EASY OPERATION - Lowest rolling effort in the Coffing trolley line.

UNIVERSAL MOUNTING - Clevis accepts all Coffing hook-mounted hoists, or lug-mounted hoists attached directly to load pins.

INCREASED ADJUSTABLE - Trolley easily conforms to any beam flange within range of adjustment. For larger flange width, please consult factory.

WRAP-AROUND SIDE PLATES - Lugs provide additional security for operator and act as bumpers to protect wheels.

DUAL TREAD WHEELS - Fully machined wheels fit any tapered or flat flanged beams within range of adjustment. Wheels include permanently lubricated, shielded ball bearings for long life and low maintenance.

OPTIONS - Spark resistant and corrosion resistant wheels available. Track clamps available on 1/4 to 4 ton models.

LIFETIME WARRANTY



1/4 - 5 Ton

Made in USA

● SPECIFICATIONS ●

CTA Plain & Geared Trolleys

Capacity		Model Number *	Beam Height (in.)	I-Beam Width (in.)	Minimum Radius Curve (in.)	Net Weight	
(lb.)	(Ton)					Plain (lb.)	Geared (lb.)
500	1/4	CTA-05P(G)	6 - 18	3.33 - 7.00	48	46	52
1000	1/2	CTA-10P(G)	6 - 18	3.33 - 7.00	48	46	52
2000	1	CTA-20P(G)	6 - 18	3.33 - 7.00	48	46	52
4000	2	CTA-40P(G)	6 - 18	3.33 - 7.00	48	46	52
6000	3	CTA-60P(G)	6 - 18	3.33 - 7.00	48	46	522
8000	4	CTA-80P(G)†	6 - 18	3.33 - 7.00	**	125	130
10000	5	CTA-100P(G)†	6 - 18	3.33 - 7.00	**	125	130

* When ordering, specify "P" for plain trolley or "G" for geared trolley.

** Standard model for straight track only. Articulating model for 4-foot minimum radius curve available - Consult Factory

† Eight-wheel trolley design reduces beam flange stress.

Note: For complete dimensional data, refer to Coffing Dimensional Databook



MODEL
CYA

**HEAVY DUTY,
PLAIN or GEARED-
INDUSTRIAL
GRADE**



4 - 25 Ton

Made in USA

CYA Plain & Geared Trolleys

COFFING CYA Trolleys - Designed for heavy duty service with fully sealed, precision bearings, heavy-duty side plates, and machined wheel tread provide superior performance and long life with minimal maintenance.

CAPACITIES - Available in capacities ranging from 4 through 25 ton; with 30, 40 and 50 ton trolleys available as tandem construction.

DUAL TREAD - 4 through 12 ton capacity trolleys have dual tread wheels for standard and wide flange beams.

BEARINGS - Trolleys are equipped with eight sealed, Timken tapered roller bearings and grease fittings.

SIDE FRAMES - Heavy rolled steel frames extend beyond the wheels to act as bumpers.

WHEELS KEEP ON ROLLING - Trolley wheels are machined from cast iron alloy and hardened for high strength and long life.

SWINGING CHAIN GUIDE - Geared versions have fully machined track wheel gears and incorporate a swinging chain guide, which keeps the hand chain aligned and free from jamming.

REQUIREMENTS - Consult factory for additional beam sizes and patented track applications.

LIFETIME WARRANTY

**COFFING®
HOISTS**

● **SPECIFICATIONS** ●

CYA Plain & Geared Trolleys

Capacity		Model Number *	Beam Height (in.)	I-Beam Width (in.)	Minimum Radius Curve (in.) **	Net Weight	
(lb.)	(Ton)					Plain (lb.)	Geared (lb.)
8000	4	CYA-80P(G)	8 - 24	4.00 - 7.00	36	155	184
10000	5	CYA-100P(G)	8 - 24	4.00 - 7.00	36	160	188
12000	6	CYA-120P(G)	8 - 24	4.00 - 7.00	36	160	188
16000	8	CYA-160P(G)	10 - 24	4.63 - 8.00	60	300	347
20000	10	CYA-200P(G)	10 - 24	4.63 - 8.00	60	310	360
24000	12	CYA-240P(G)	10 - 24	4.63 - 8.00	60	310	360
32000	16	CYA-320P(G)	18 - 24	6.00 - 8.00	96	800	895
40000	20	CYA-400P(G)	18 - 24	6.00 - 8.00	96	845	955
50000	25	CYA-500P(G)	18 - 24	6.00 - 8.00	120	1045	1200

* When ordering, specify "P" for plain trolley or "G" for geared trolley.

† Weight less hand chain

** Specify curve on order. Wheels are modified to negotiate curves.

For wide flange beam adaptation, patented track or for beams larger than standard - consult factory.

8 ft. standard hand chain drop on geared trolley.

Note: For complete dimensional data, refer to Coffing Dimensional Databook