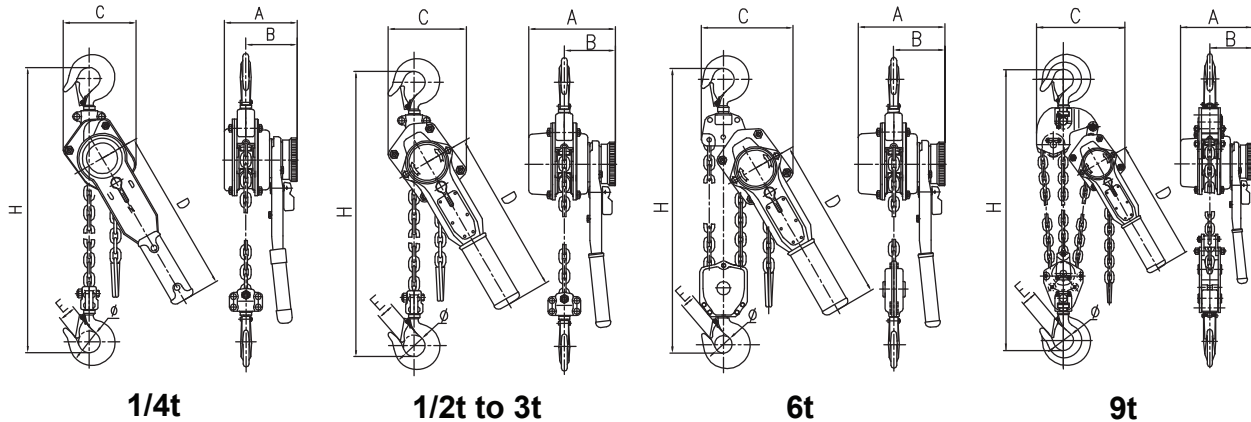


SUPER DUTY MANUAL LEVER HOISTS

- Compact design
- Light weight robust construction
- Fully machined lifting wheels
- Optimal gear ratio
- Closed sealed bearings
- Extra heavy double pawl braking mechanism
- Extra thick friction discs (asbestos free)
- Grade 80 alloy load chain
- Steel handles with rubber hand grip providing greater operator comfort and control
- Self-articulating top hooks
- Extra large forged alloy top and bottom hooks (with cast latches) rotate 360°
- Top and bottom hooks are designed to stretch when overloaded before chain failure
- Each hoist is proof tested at 1.5 times the rated capacity, certificate provided with each hoist
- All units except 1/4t come with overload protection installed
- Durable baked enamel paint protection
- Meet ASME B30.21 safety standards
- ISO 9001 – 2001 certified factory
- Custom length units available upon request



Capacity Metric Tonnes (t)	1/4*	1/2	3/4	1-1/2	3	6	9
Proof Load (kN)	3.70	7.50	11.25	22.00	45.00	90.00	135.00
Effort (maximum lift) (N)	282	248	265	295	335	370	420
No. of falls, load chain	1	1	1	1	1	2	3
Load Chain (mm)	4 x 12	5 x 15	6 x 18	7 x 21	10 x 30	10 x 30	10 x 30
Dimensions (mm)	A	92	143	148	173	200	200
	B	71	86	87	99	112	112
	C	70	118	132	145	199	230
	D	168	253	278	378	418	418
	E	19	23.5	25.5	31	36	37
	H	245	300	330	400	520	640
	Ø	31	31.5	35.5	42.5	50	53

* 1/4t unit does not have overload protection

** 9t unit is not a standard stock item



Industrial Rigging & Supply

SUPER DUTY LEVER HOISTS

Hoist No.	Tonnage Rating	Lift	Capacity (lbs)	Load Chain	Weight (lbs)	Vanguard Code
VLHP 14x5	1/4	5	500	4x12	4.4	3855 0502E
VLHP 14x10	1/4	10	500	4x12	7.7	3855 1002E
VLHP 12	1/2	w/o	1,000	5x12	9.9	3855 0005E
VLHP 12x5	1/2	5	1,000	5x15	11.0	3855 0505E
VLHP 12x10	1/2	10	1,000	5x15	13.2	3855 1005E
VLHP 34	3/4	w/o	1,500	6x18	11.0	3855 0007E
VLHP 34x5	3/4	5	1,500	6x18	14.3	3855 0507E
VLHP 34x10	3/4	10	1,500	6x18	17.6	3855 1007E
VLHP 112	1-1/2	w/o	3,000	7x21	18.7	3855 0015E
VLHP 112x5	1-1/2	5	3,000	7x21	23.1	3855 0515E
VLHP 112x10	1-1/2	10	3,000	7x21	26.4	3855 1015E
VLHP 3	3	w/o	6,000	10x30	34.1	3855 0030E
VLHP 3x5	3	5	6,000	10x30	44.0	3855 0530E
VLHP 3x10	3	10	6,000	10x30	55.0	3855 1030E
VLHP 6	6	w/o	12,000	10x30	46.2	3855 0060E
VLHP 6x5	6	5	12,000	10x30	66.0	3855 0560E
VLHP 6x10	6	10	12,000	10x30	85.8	3855 1060E



Custom lengths available upon request

PARTS FOR SUPER DUTY LEVER HOISTS

Capacity Metric Tonnes (t)		1/4	1/2	3/4	1-1/2	3	6
Load Chain	Dimensions (mm)	4 x 12	5 x 15	6 x 18	7 x 21	10 x 30	10 x 30
	Part Number	3858 0412	3858 0515	3858 0618	3858 0824	3858 1030	3858 1030
	Weight (lbs/ft)	0.24	0.37	0.52	0.71	1.46	1.46
Bottom Hook Assembly*		3855 6002E	3855 6005E	3855 6007E	3855 6015E	3855 6030E	3855 6060E
Top Hook Assembly*		3855 5002E	3855 5005E	3855 5007E	3855 5015E	3855 5030E	3855 5060E
Cast Latch Kits		3855 98002E	3855 98005E	3855 98007E	3855 98015E	3855 98030E	3855 98060E
Friction Discs (asbestos free)			3855 7005E	3855 7007E	3855 7015E	3855 7030E	3855 7060E
Handle			3855 8005E	3855 8007E	3855 8015E	3855 8030E	3855 8060E
Square Cast Ring		3855 93002E	3855 93002E	3855 93002E	3855 93015E	3855 93030E	3855 93030E
Guide Plate				3855 90807E	3855 90815E	3855 90830E	3855 90830E
Name Plate				3855 92707E	3855 92715E	3855 92730E	3855 92760E

* Bottom and Top Hook Assemblies come complete with Cast Latches

Warning:

NEVER EXCEED WORKING LOAD LIMITS!

FAILURE TO OBSERVE these warnings may result in serious injury or death!

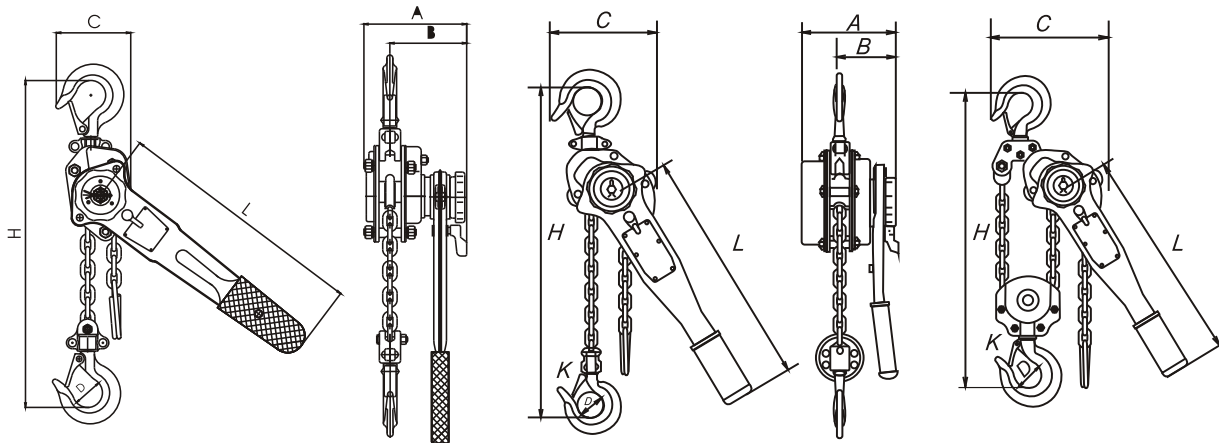
- ALWAYS inspect all components frequently for signs of wear or damage
- ALWAYS keep load chains lubricated



Industrial Rigging & Supply

TYPE-1 HEAVY DUTY MANUAL LEVER HOISTS

- Compact design
- Light weight robust construction
- Fully machined lifting wheels
- Grade 80 alloy load chain
- Sealed bearings
- Triple spur geared, guarantees efficient/reliable operation
- Automatic brake engagement holds load at any desired height
- Double pawl braking mechanism
- Friction discs (asbestos free)
- Steel handles with rubber hand grip providing greater operator comfort and control
- Self-articulating top hooks
- Forged alloy top and bottom hooks (with latches) rotate 360°
- Top and bottom hooks are designed to stretch when overloaded before chain failure
- Each hoist is proof tested at 1.5 times the rated capacity, certificate is provided with each hoist
- Meet ASME B30.21 safety standards
- ISO 9001 – 2001 certified factory
- Custom length units available upon request



1/2t

3/4t to 3t

6t to 9t

Capacity Metric Tonnes (t)	1/2	3/4	1-1/2	3	6	9
Proof Load (kN)	6.30	11.00	22.10	44.10	88.20	132.30
Effort (maximum lift) (N)	340	140	220	320	340	360
No. of falls, load chain	1	1	1	1	2	3
Load Chain (mm)	5 x 15	6 x 18	8 x 24	10 x 30	10 x 30	10 x 30
Dimensions (mm)	A	105	145	175	203	203
	B	75	86	100	118	118
	C	80	122	130	150	205
	D	35	40	45	55	65
	H	260	320	380	480	620
	L	300	280	410	410	410
	K	30	26	30	38	44



Industrial Rigging & Supply

Type-1 Series Lever Pullers



VANGUARD STEEL LTD.

TYPE-1 LEVER HOISTS 1/2 TO 1-1/2

Hoist No.	Tonnage Rating	Lift	Weight (lbs)	Vanguard Code
VLH 12	1/2	w/o	7.00	3855 0005
VLH 12x5	1/2	5	8.80	3855 0505
VLH 12x10	1/2	10	10.60	3855 1005
VLH 34	3/4	w/o	13.20	3855 0007
VLH 34x5	3/4	5	15.90	3855 0507
VLH 34x10	3/4	10	18.50	3855 1007
VLH 34x15	3/4	15	21.20	3855 1507
VLH 34x20	3/4	20	23.80	3855 2007
VLH 112	1-1/2	w/o	19.20	3855 0015
VLH 112x5	1-1/2	5	24.70	3855 0515
VLH 112x10	1-1/2	10	29.50	3855 1015
VLH 112x15	1-1/2	15	34.20	3855 1515
VLH 112x20	1-1/2	20	39.00	3855 2015

Custom lengths available upon request



3t TO 9t

Hoist No.	Tonnage Rating	Lift	Weight (lbs)	Vanguard Code
VLH 3	3	w/o	37.50	3855 0030
VLH 3x5	3	5	46.30	3855 0530
VLH 3x10	3	10	53.60	3855 1030
VLH 3x15	3	15	60.90	3855 1530
VLH 3x20	3	20	68.40	3855 2030
VLH 6	6	w/o	50.70	3855 0060
VLH 6x5	6	5	68.40	3855 0560
VLH 6x10	6	10	82.90	3855 1060
VLH 6x15	6	15	97.50	3855 1560
VLH 6x20	6	20	111.80	3855 2060
VLH 9	9	w/o	81.57	3855 0090
VLH 9x5	9	5	103.62	3855 0590
VLH 9x10	9	10	125.00	3855 1090
VLH 9x15	9	15	146.61	3855 1590
VLH 9x20	9	20	167.99	3855 2090

PARTS FOR TYPE-1 LEVER HOISTS

Capacity Metric Tonnes (t)	1/2	3/4	1-1/2	3	6	9	
Capacity (lbs)	1,100	1,650	3,300	6,300	13,200	19,800	
Load Chain	Dimensions (mm)	5 x 15	6 x 18	8 x 24	10 x 30	10 x 30	10 x 30
	Part Number	3858 0515	3858 0618	3858 0824	3858 1030	3858 1030	3858 1030
	Weight (lbs/ft)	0.37	0.52	0.94	1.46	1.46	1.46
Bottom Hook Assembly*	3855 6005	3855 6007	3855 6015	3855 6030	3855 6060	3855 6090	
Top Hook Assembly*		3855 5007	3855 5015	3855 5030	3855 5060	3855 5090	
Latch Kits	3859 8005	3859 8007	3859 8015	3859 8030	3859 8060	3859 8090	
Friction Discs (asbestos free)	3859 7005	3859 7007	3859 7015	3859 7030	3859 7060	3859 7060	
Handle	3855 8005	3855 8007	3855 8015	3855 8030	3855 8060		
Square Cast Ring		3855 93007	3855 93015	3855 93030	3855 93030		
Guide Plate		3855 907007	3855 907015	3855 90730	3859 07030	3859 07030	
Name Plate	3855 9105	3855 9107	3855 9115	3855 9130	3855 9160	3855 9190	
Rubber Grip		3855 961007		3855 961015	3855 961015	3855 961015	

* Bottom and Top Hook Assemblies come complete with latches

Warning:

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FAILURE TO OBSERVE these warnings may result in serious injury or death!**

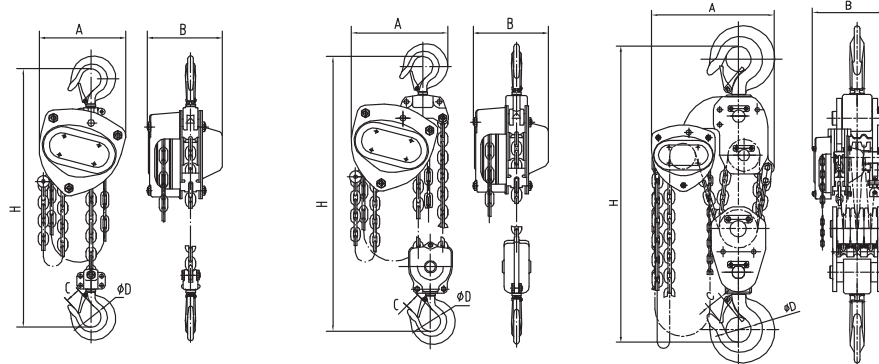
- ALWAYS inspect all components frequently for signs of wear or damage
- ALWAYS keep load chains lubricated



Industrial Rigging & Supply

SUPER DUTY CHAIN HOISTS

- Compact design
- Light weight robust construction
- Overload protection
- Fully machined lifting wheels
- Optimal gear ratio
- Closed sealed bearings
- Triple spur geared guarantee efficient/reliable operation
- Automatic brake engagement holds load at any desired height
- Extra heavy double pawl braking mechanism
- Extra thick friction discs (asbestos free)
- Grade 80 alloy load chain
- Self-articulating top hooks
- Extra large forged alloy top and bottom hooks (with cast latches) rotate 360°
- Top and bottom hooks are designed to stretch when overloaded before chain failure
- Each hoist is proof tested at 1.5 times the rated capacity, certificate provided with each hoist
- Durable baked enamel paint protection
- Meet ASME B30.16 safety standards
- ISO 9001 – 2001 certified factory
- Custom length units available upon request



1/2t to 3t

5t

10t

Capacity Metric Tonnes (t)	1/2	1	1-1/2	2	3	5	10
Proof Load (kN)	7.35	14.70	22.05	29.40	44.10	73.50	122.50
Effort (maximum lift) (N)	240	250	265	335	372	360	380
No. of falls, load chain	1	1	1	1	1	2	4
Load Chain (mm)	5 x 15	6 x 18	7 x 21	8 x 24	10 x 30	10 x 30	10 x 30
Dimensions (mm)	A	148	172	196	210	255	463
	B	132	151	173	175	205	183
	C	23	26	29.5	34	37.5	41
	D	35	40	45	50	55	85
	H	345	376	442	470	580	690

*7-1/2T, 10T, 15T, 20T, and 25T are also available as a special order

Warning:

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 - ALWAYS keep load chains lubricated



Industrial Rigging & Supply

SUPER DUTY CHAIN HOISTS

Hoist No.	Rating in TONS	Lift	Capacity (lbs)	Load Chain	Weight (lbs)	Vanguard Code
VCHP 12	1/2	W/0	1,000	5x15	11.0	3850 0005E
VCHP 12x10	1/2	10	1,000	5x15	19.8	3850 1005E
VCHP 12x20	1/2	20	1,000	5x15	29.7	3850 2005E
VCHP 1	1	W/0	2,000	6x18	15.4	3850 0010E
VCHP 1x10	1	10	2,000	6x18	26.4	3850 1010E
VCHP 1x20	1	20	2,000	6x18	36.3	3850 2010E
VCHP 112	1-1/2	W/0	3,000	7x21	24.2	3850 0015E
VCHP 112x10	1-1/2	10	3,000	7x21	36.3	3850 1015E
VCHP 112x20	1-1/2	20	3,000	7x21	48.4	3850 2015E
VCHP 2	2	W/0	4,000	8x24	28.6	3850 0020E
VCHP 2x10	2	10	4,000	8x24	41.8	3850 1020E
VCHP 2x20	2	20	4,000	8x24	58.3	3850 2020E
VCHP 3	3	W/0	6,000	10x30	47.3	3850 0030E
VCHP 3x10	3	10	6,000	10x30	70.4	3850 1030E
VCHP 3x20	3	20	6,000	10x30	83.6	3850 2030E
VCHP 5	5	W/0	10,000	10x30	57.2	3850 0050E
VCHP 5x10	5	10	10,000	10x30	86.9	3850 1050E
VCHP 5x20	5	20	10,000	10x30	113.3	3850 2050E



- Custom length Chain Hoists available upon request
- 7-1/2T, 10T, 15T, 20T, and 25T chain hoists are also available as a special order from our factory

PARTS FOR SUPER DUTY CHAIN HOISTS

Capacity Metric Tonnes		1/2	1	1-1/2	2	3	5
Load Chain	Dimensions (mm)	5 x 15	6 x 18	7 x 21	8 x 24	10 x 30	10 x 30
	Part Number	3858 0515	3858 0618	3858 0721	3858 0824	3858 1030	3858 1030
Bottom Hook Assembly*		3850 6005E	3850 6010E	3850 6015E	3850 6020E	3850 6030E	3850 6050E
Top Hook Assembly*		3850 5005E	3850 5010E	3850 5015E	3850 5020E	3850 5030E	3850 5050E
Latch Kits		3850 8005E	3850 8010E	3850 8015E	3850 8020E	3850 8030E	3850 8050E
Friction Discs (asbestos free)		3850 7005E	3850 7010E	3850 7015E	3850 7020E	3850 7030E	3850 7050E
Name Tag			3850 91610E	3850 91615E	3850 91620E	3850 91630E	3850 91650E
Chain Guide Roller			3850 93010E	3850 93015E	3850 93020E	3850 92030E	3850 93050E

* Bottom and Top Hook Assemblies come complete with latches

Warning:

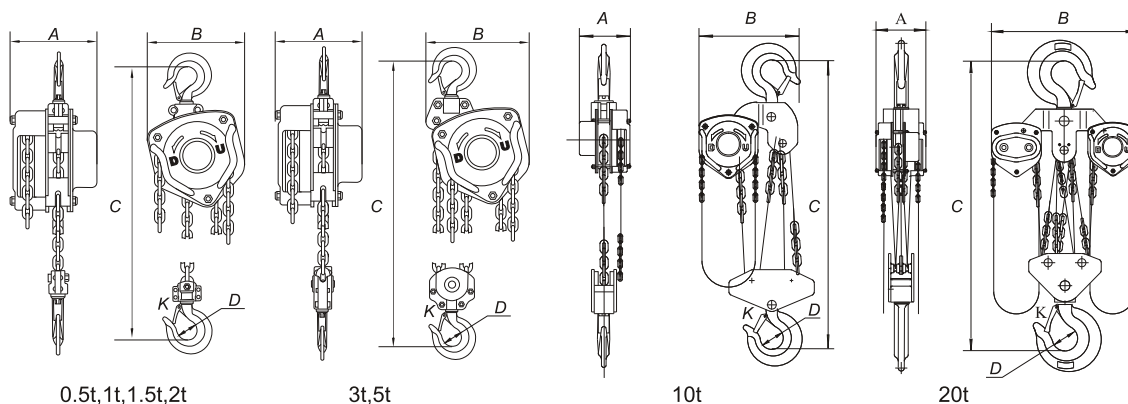
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- ALWAYS inspect all components frequently for signs of wear or damage
 - ALWAYS keep load chains lubricated



Industrial Rigging & Supply

TYPE-1 HEAVY DUTY MANUAL CHAIN HOISTS

- Compact design
- Light weight robust construction
- Fully machined lifting wheels
- Grade 80 alloy load chain
- Sealed bearings
- Triple spur geared guarantee efficient/reliable operation
- Automatic brake engagement holds load at any desired height
- Double pawl braking mechanism
- Asbestos free friction discs
- Self-articulating top hooks
- Forged alloy top and bottom hooks (with latches) rotate 360°
- Top and bottom hooks are designed to stretch when overloaded before chain failure
- Each hoist is proof tested at 1.5 times the rated capacity, certificate provided with each hoist
- Meet ASME B30.16 safety standards
- ISO 9001 – 2001 certified factory
- Custom length units available upon request



0.5t, 1t, 1.5t, 2t

3t, 5t

10t

20t

Capacity Metric Tonnes (t)	1/2	1	1-1/2	2	3	5	10	20
Proof Load (kN)	7.5	15	22.5	30	45	75	150	250
Effort (maximum lift) (N)	200	320	360	365	385	435	435	435 x 2
No. of falls, load chain	1	1	1	1	2	2	4	8
Load Chain (mm)	6 x 18	6 x 18	8 x 24	8 x 24	8 x 24	10 x 30	10 x 30	10 x 30
Dimensions (mm)	A	137.5	146.5	170	170	170	190	209
	B	137	162	183	194	220	288	384
	C	270	317	399	414	465	618	798
	D	35	35.5	45	42.5	50	64	85
	K	28	26	32.5	32	37	46	50
Net Weight (Kgs) based upon a 10Ft lift	9.3	11.4	16.7	18.5	21.2	41.8	81.7	173
Extra weight per Foot of extra lift (approx.) Kgs	0.52	0.52	0.70	0.70	1.13	1.71	2.96	5.91

Note: Units up to 50t available from the factory as a special order

Warning:

- NEVER EXCEED WORKING LOAD LIMITS!**
FAILURE TO OBSERVE these warnings may result in serious injury or death!
- ALWAYS inspect all components frequently for signs of wear or damage
 - ALWAYS keep load chains lubricated



Industrial Rigging & Supply

TYPE 1 CHAIN HOISTS

Hoist No.	Tonnage Rating	Lift	Capacity (lbs)	Load Chain	Weight (kgs)	Vanguard Code
VCH 12	1/2	W/0	1,000	6 x 18	4.2	3850 0005
VCH 12x10	1/2	10	1,000	6 x 18	9.3	3850 1005
VCH 12x20	1/2	20	1,000	6 x 18	14.4	3850 2005
VCH 1	1	W/0	2,000	6 x 18	6.3	3850 0010
VCH 1x10	1	10	2,000	6 x 18	11.4	3850 1010
VCH 1x20	1	20	2,000	6 x 18	16.5	3850 2010
VCH 112	1-1/2	W/0	3,000	8 x 24	9.8	3850 0015
VCH 112x10	1-1/2	10	3,000	8 x 24	16.7	3850 1015
VCH 112x20	1-1/2	20	3,000	8 x 24	23.6	3850 2015
VCH 2	2	W/0	4,000	8 x 24	11.6	3850 0020
VCH 2x10	2	10	4,000	8 x 24	18.5	3850 1020
VCH 2x20	2	20	4,000	8 x 24	25.4	3850 2020
VCH 3	3	W/0	6,000	8 x 24	10.1	3850 0030
VCH 3x10	3	10	6,000	8 x 24	21.2	3850 1030
VCH 3x20	3	20	6,000	8 x 24	32.3	3850 2030
VCH 5	5	W/0	10,000	10 x 30	25.0	3850 0050
VCH 5x10	5	10	10,000	10 x 30	41.8	3850 1050
VCH 5x20	5	20	10,000	10 x 30	58.6	3850 2050
VCH 10	10	W/0	20,000	10 x 30	52.6	3850 00100
VCH 10x10	10	10	20,000	10 x 30	81.7	3850 10100
VCH 10x20	10	20	20,000	10 x 30	110.8	3850 20100
VCH 20	20	W/0	40,000	10 x 30	115.0	3850 00200
VCH 20x10	20	10	40,000	10 x 30	173.0	3850 10200
VCH 20x20	20	20	40,000	10 x 30	231.0	3850 20200



Chain hoists with overload protection and/or custom lengths available upon request

PARTS FOR TYPE 1 CHAIN HOISTS

Capacity Metric Tonnes (t)		1/2	1	1 -1/2	2	3	5
Load Chain	Dimensions (mm)	6 x 18	6 x 18	8 x 24	8 x 24	8 x 24	8 x 24
	Part Number	3858 0618	3858 0618	3858 0824	3858 0824	3858 0824	3858 1030
Bottom Hook Assembly*		3850 6005	3850 6010	3850 6015	3850 6020	3850 6030	3850 6060
Top Hook Assembly*			3850 5910	3850 5915	3850 5920	3850 5930	3850 5950
Latch Kits		3859 8005	3859 8007	3859 8015	3859 8020	3859 8030	3859 8060
Friction Discs (asbestos free)		3859 7005	3859 7007	3859 7015	3859 7015	3859 7015	3859 7030
Overload Device		3859 9005	3859 9007	3859 9015	3859 8020	3859 9030	3859 9060
Name Tag		3850 9105	3850 9110	3850 9115	3850 9120	3850 9130	3850 9150
Chain Guide		3850 92005	3850 92010	3850 92015	3850 92020	3850 92030	3850 92050

* Latch kits fit both the Top and Bottom Hooks

Warning:

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- ALWAYS inspect all components frequently for signs of wear or damage
- ALWAYS keep load chains lubricated



Industrial Rigging & Supply