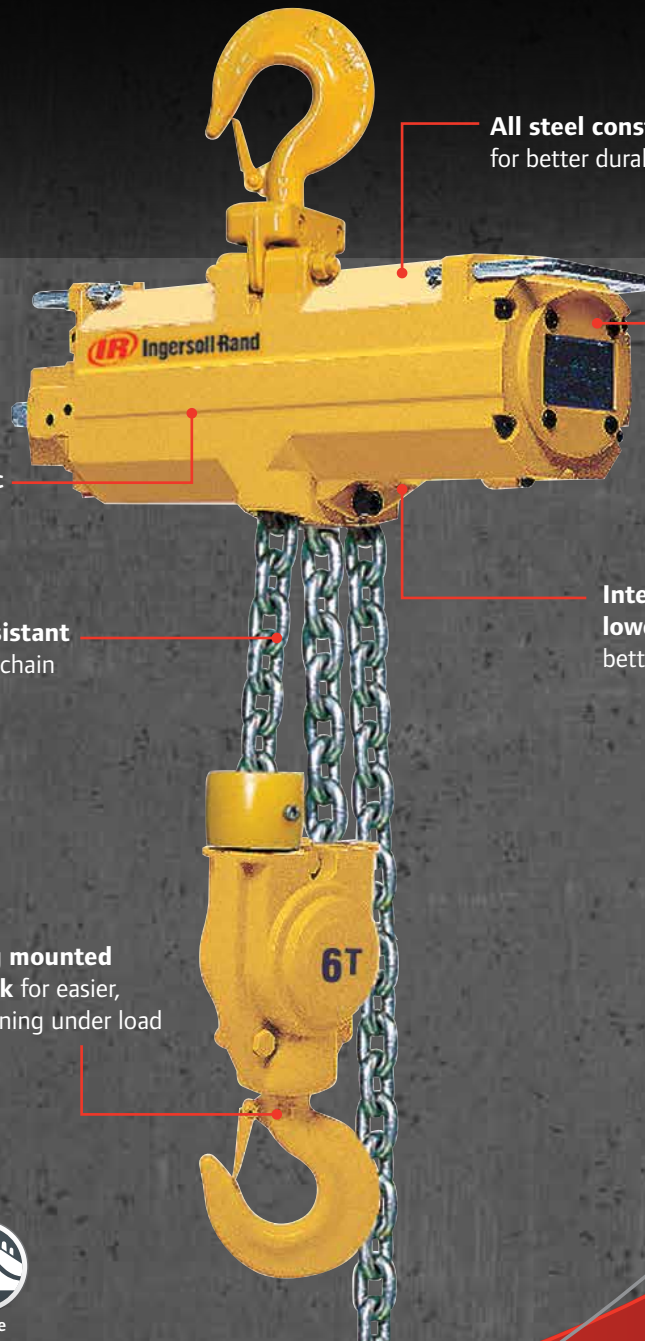


Liftchain Hook Mount Hydraulic Chain Hoist

6-100 tons



All steel construction
for better durability

Hydraulic motor offers high torque and high efficiency at low motor speed

Fully enclosed, automatic multi disc brake for corrosion resistance

Integrated upper and lower limit switches for better protection

Corrosion resistant grade 80 load chain

Ball bearing mounted bottom hook for easier, smoother turning under load

Ideal for:



Onshore



Offshore



Marine

Liftchain Hook Mount Hydraulic Chain Hoist

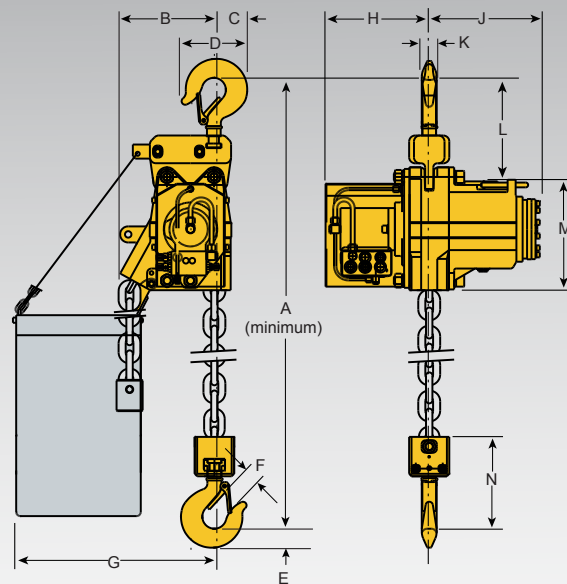
1.5-100 ton

Ingersoll Rand Liftchain Hoists are the most advanced heavy-lifting hoists in the Ingersoll Rand hoist line. They incorporate all the best features we've developed from our decades of experience into a compact, modular frame. Hook Mount versions offer maximum versatility to place them where you need them. Count on Liftchain hook mount hoists to get the job done.

General Characteristics					
Model	Lifting Capacity Metric Tons	Reeves of Chain	Headroom mm (in)	Net Weight with 3m (10ft) of chain kg (lb)	Weight per additional meter of lift kg (lb)
LCH060S	6	1	735 (28.9)	93 (205)	5.8 (12.7)
LCH120D	12	2	991 (39.0)	175 (385)	11.5 (25.3)
LCH125S	12.5	1	865 (34.1)	500 (1,100)	10.7 (23.5)
LCH180T	18	3	1,083 (42.6)	200 (440)	17.2 (37.8)
LCH250Q	25	4	1,180 (46.5)	430 (946)	23.0 (50.6)
LC2H250D	25	2	1,235 (48.6)	670 (1,474)	21.4 (47.1)
LC2H375T	37.5	3	1,484 (58.4)	875 (1,925)	32.1 (70.6)
LC2H500Q	50	4	1,590 (62.6)	950 (2,090)	42.9 (94.6)
LCH750T	75	3	2,338 (92.0)	2,800 (6,160)	73.5 (161.7)
LCH1000Q	100	4	2,455 (96.7)	3,245 (7,139)	98.0 (215.6)

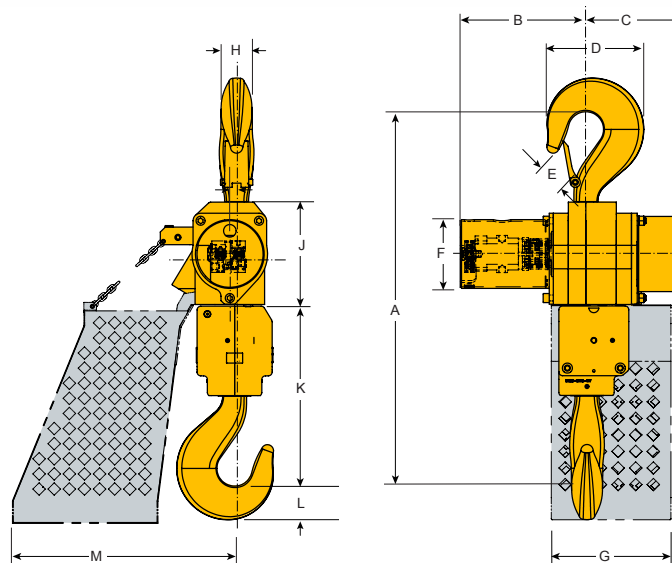
Performance							
Model	Hoist Performance						
	Lifting Capacity Metric Tons	Lifting Speed			Lowering speed m/min (fpm)	Nominal Hydraulic Flow L/min (g/min)	Working Hydraulic Pressure bar (psi)
		Full Load m/min (fpm)	No Load m/min (fpm)				
LCH060S	6	5.6 (18.4)	5.6 (18.4)	5.6 (18.4)	48 (12.7)	140 (2,030)	
LCH120D	12	2.8 (9.2)	2.8 (9.2)	2.8 (9.2)	48 (12.7)	140 (2,030)	
LCH125S	12.5	4.6 (15.1)	4.6 (15.1)	4.6 (15.1)	50 (13.2)	180 (2,610)	
LCH180T	18	1.9 (6.2)	1.9 (6.2)	1.9 (6.2)	48 (12.7)	140 (2,030)	
LCH250Q	25	1.4 (4.6)	1.4 (4.6)	1.4 (4.6)	48 (12.7)	140 (2,030)	
LC2H250D	25	2.3 (7.5)	2.3 (7.5)	2.3 (7.5)	50 (13.2)	180 (2,610)	
LC2H375T	37.5	1.5 (4.9)	1.5 (4.9)	1.5 (4.9)	50 (13.2)	180 (2,610)	
LC2H500Q	50	1.1 (3.6)	1.1 (3.6)	1.1 (3.6)	50 (13.2)	180 (2,610)	
LCH750T	75	0.5 (1.6)	0.5 (1.6)	0.5 (1.6)	40 (10.6)	150 (2,175)	
LCH1000Q	100	0.4 (1.3)	0.4 (1.3)	0.4 (1.3)	40 (10.6)	150 (2,175)	

6 to 25 ton (4 falls)



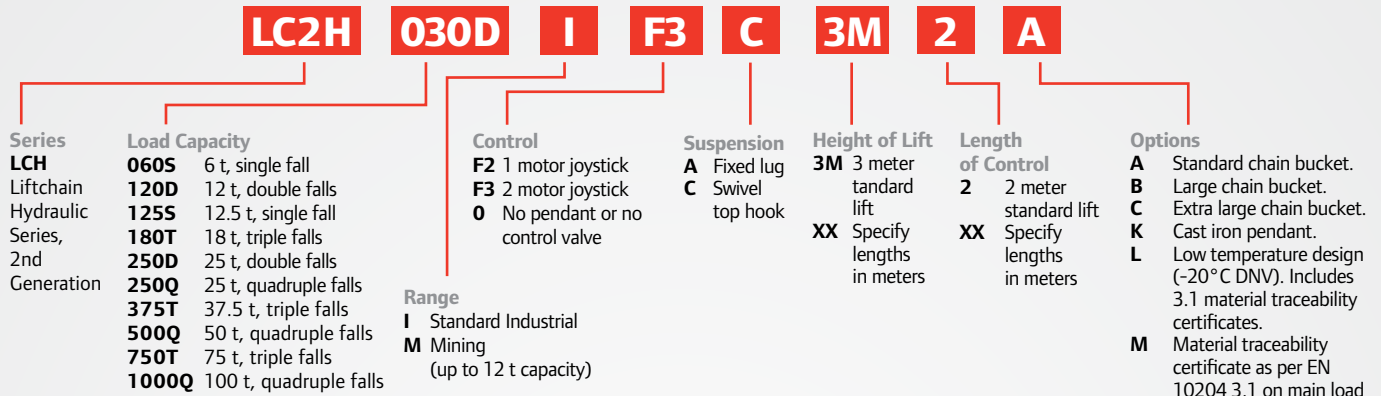
	A	B	C	D	E	F	G	H	I	J	K	L	M
Model	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)
LCH060S	735 (28.9)	175 (6.9)	101 (4.0)	203 (8.0)	46 (1.8)	43 (1.7)	435 (17.1)	275 (10.8)	258 (10.2)	35 (1.4)	241 (9.5)	218 (8.6)	223 (8.8)
LCH120D	991 (39.0)	175 (6.9)	101 (4.0)	203 (8.0)	67 (2.6)	58 (2.3)	435 (17.1)	275 (10.8)	258 (10.2)	50 (2.0)	280 (11.0)	282 (11.1)	423 (16.7)
LCH180T	1,083 (42.6)	175 (6.9)	101 (4.0)	203 (8.0)	78 (3.1)	78 (3.1)	435 (17.1)	352 (13.9)	298 (11.7)	62 (2.4)	320 (12.6)	282 (11.1)	478 (18.8)
LCH250Q	1,180 (46.5)	175 (6.9)	101 (4.0)	203 (8.0)	99 (3.9)	87 (3.4)	435 (17.1)	333 (13.1)	316 (12.4)	87 (3.4)	368 (14.5)	282 (11.1)	527 (20.7)

12.5 to 100 ton



	A	B	C	D	E	F	G	H	J	K	L	M
Model	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)
LC2H125S	865 (34.1)	446 (17.6)	265 (10.4)	222 (8.7)	58 (2.3)	273 (10.7)	475 (18.7)	57 (2.2)	391 (15.4)	296 (11.7)	67 (2.6)	836 (32.9)
LC2H250D	1,235 (48.6)	446 (17.6)	265 (10.4)	340 (13.4)	87 (3.4)	273 (10.7)	475 (18.7)	80 (3.1)	391 (15.4)	573 (22.6)	94 (3.7)	836 (32.9)
LC2H375T	1,484 (58.4)	500 (19.7)	373 (14.7)	390 (15.4)	103 (4.1)	273 (10.7)	475 (18.7)	125 (4.9)	407 (16.0)	714 (28.1)	132 (5.2)	836 (32.9)
LC2H500Q	1,590 (62.6)	527 (20.7)	346 (13.6)	440 (17.3)	118 (4.6)	273 (10.7)	475 (18.7)	140 (5.5)	416 (16.4)	763 (30.0)	150 (5.9)	836 (32.9)
LCH750T	2,338 (92.0)	560 (22.0)	688 (27.1)	574 (22.6)	156 (6.1)	273 (10.7)	912 (35.9)	180 (7.1)	774 (30.5)	1,055 (41.5)	190 (7.5)	1,165 (45.9)
LCH1000Q	2,455 (96.7)	597 (23.5)	652 (25.7)	610 (24.0)	180 (7.1)	273 (10.7)	1,102 (43.4)	200 (7.9)	774 (30.5)	1,111 (43.7)	250 (9.8)	1,365 (53.7)

How to Order



NOTES:

⁽¹⁾ Option T1 includes the following:

- For the hoist: Cast iron pendant and bronze coated bottom hook assembly
- For the trolley: Solid bronze wheels (all trolleys).
- In addition for motorized trolleys, pinion drive in solid bronze or stainless steel and cast iron pendant.
- In addition for geared trolleys, bronze coated hand wheel with brass hand chain guide.



For More Information www.ingersollrandproducts.com/lifting lifting@irco.com

Ingersoll Rand, IR, the IR logo and Impactool are trademarks of Ingersoll Rand, its subsidiaries and/or affiliates. All other trademarks are the property of their respective owners. Nothing contained on these pages is intended to extend any warranty or representation, expressed or implied, regarding the product described herein. Any such warranties or other terms and conditions of sale of products shall be in accordance with Ingersoll Rand's standard terms and conditions of sale for such products, which are available upon request. Product improvement is a continuing goal at Ingersoll Rand. Designs and specifications are subject to change without notice or obligation. Unless otherwise noted this equipment is not designed for transporting people or lifting loads over people. It is the user's responsibility to determine the suitability of this product for any particular use and to check compliance with applicable regulations. Before installation, see maintenance and operations manual for additional warnings and precautions.

www.ingersollrandproducts.com

© 2015 Ingersoll Rand IRITS-0615-105