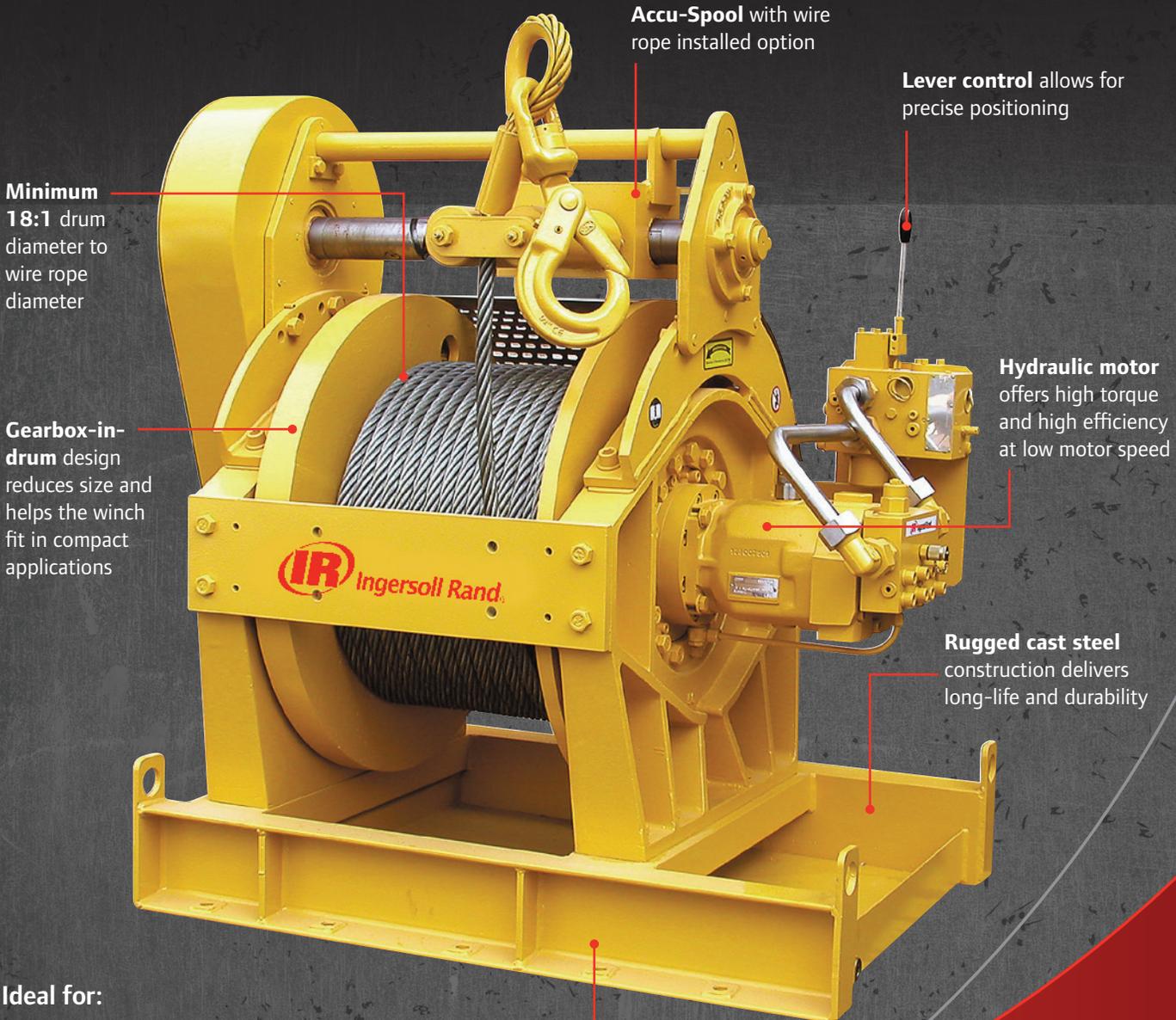




Liftstar Heavy Hydraulic Winches

2,000 - 5,000 kg (4,400 - 11,000 lb)



Minimum 18:1 drum diameter to wire rope diameter

Gearbox-in-drum design reduces size and helps the winch fit in compact applications

Accu-Spool with wire rope installed option

Lever control allows for precise positioning

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

Rugged cast steel construction delivers long-life and durability

Skid Frame option

Ideal for:



Onshore



Offshore



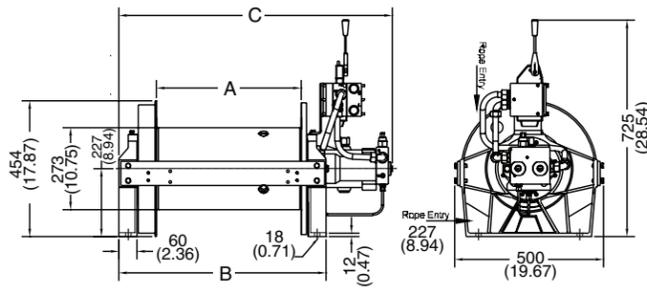
Marine



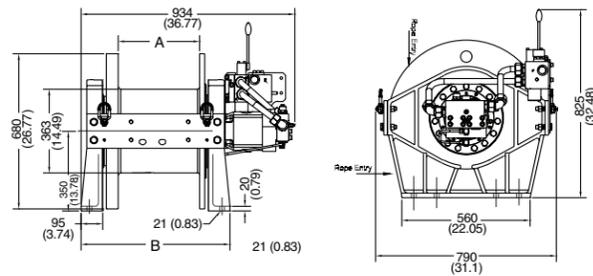
Liftstar Heavy Hydraulic Winches

2,000 - 5,000 kg (4,400 - 11,000 lb)

Ingersoll Rand heavy hydraulic Liftstar winches are designed for just about any lifting application you can throw at them. They feature reliable hydraulic motors for capacities up to 5,000 kg. They can be mounted on a rigid support and operate in any position provided the drum is horizontal. With enclosed gear boxes for protection and cast iron and steel construction for durability, Liftstar heavy hydraulic winches will keep your production operating for years.

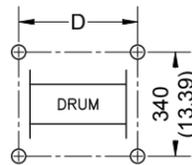


Models	A mm (in)	B mm (in)	C mm (in)
LS2000H30-L	300 (11.81)	509 (20.04)	732 (28.82)
LS2000H30GC-L	485 (19.09)	694 (27.32)	917 (36.10)



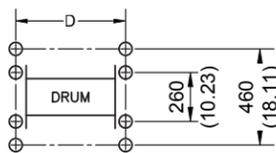
Models	A mm (in)	B mm (in)	C mm (in)
LS5000H75-L	355 (13.98)	650 (25.59)	934 (36.77)
LS5000H75GC-L	728 (28.66)	1,023 (40.28)	1,307 (51.46)

Bolt Pattern



Models	# of Bolt Holes	D mm (in)
LS2000H30-L	4	449 (17.68)
LS2000H30GC-L	4	634 (24.96)

Bolt Pattern



Models	# of Bolt Holes	D mm (in)
LS5000H75-L	8	580 (22.83)
LS5000H75GC-L	8	953 (37.52)

Dimensions shown are mm. Dimensions in Brackets [] are inches. Dimensions are subject to change. Contact factory for certified drawings.



Automatic spooling device



Grooved Drum and Press Roller

Optional pendant

General Performance. Performance is based 5:1 design factor.						
Model	Line Pull Capacity			Line Speed		
	First Layer kg (lb)	Mid Drum kg (lb)	Top Layer kg (lb)	First Layer m/min (fpm)	Mid Drum m/min (fpm)	Top Layer m/min (fpm)
LS2000H30-L	2,800 (6,200)	2,400 (5,300)	2,000 (4,400)	22 (72)	26 (85)	30 (98)
LS2000H30GC-L	2,800 (6,200)	2,400 (5,300)	2,000 (4,400)	22 (72)	26 (85)	30 (98)
LS5000H75-L	6,500 (14,330)	5,750 (12,665)	5,000 (11,000)	22 (72)	26 (85)	30 (98)
LS5000H75GC-L	6,500 (14,330)	5,750 (12,665)	5,000 (11,000)	22 (72)	26 (85)	30 (98)

General Characteristics. Performance based on 150 bar (2,180 psi) inlet pressure					
Model	Motor Displacement	Max Flow with Rated Load	Operating Pressure	Drum Torque	Net Weight
	cm ³ /rev (in ³ /rev)	L/min (gal/min)	bar (psi)	N-m (lb-ft)	kg (lb)
LS2000H30-L	30 (1.80)	65 (17.2)	150 (2,180)	3,610 (2,662)	300 (661)
LS2000H30GC-L	30 (1.80)	65 (17.2)	150 (2,180)	3,610 (2,662)	353 (778)
LS5000H75-L	75 (4.60)	142 (37.5)	150 (2,180)	12,700 (9,367)	730 (1,609)
LS5000H75GC-L	75 (4.60)	142 (37.5)	150 (2,180)	12,700 (9,367)	987 (2,176)

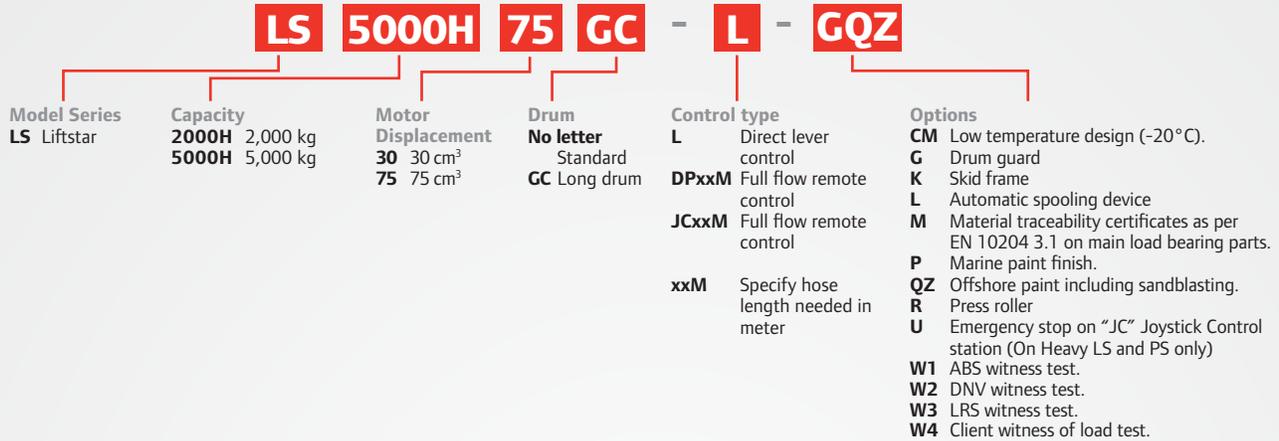
Drum Capacity								
Model	Minimum Rope Breaking Force ⁽¹⁾ kN (lbs)	Recommended Rope Diameter mm (in)	Drum Capacity per Layer ⁽²⁾ m (ft)					Max. Rope Storage Capacity ⁽³⁾ m (ft)
			Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	
LS2000H30-L	98 (22,000)	13 (1/2)	17 (56)	36 (118)	57 (187)	79 (259)	103 (338)	156 (512)
LS2000H30GC-L	98 (22,000)	13 (1/2)	29 (95)	61 (200)	96 (314)	134 (439)	174 (570)	313 (1,026)
LS5000H75-L	245 (55,000)	20 (3/4)	20 (66)	42 (138)	66 (217)	92 (302)	120 (394)	219 (718)
LS5000H75GC-L	245 (55,000)	20 (3/4)	42 (138)	88 (289)	138 (453)	193 (633)	252 (827)	463 (1,519)

⁽¹⁾ Recommended minimum breaking force of wire rope based on top layer line pull rating.

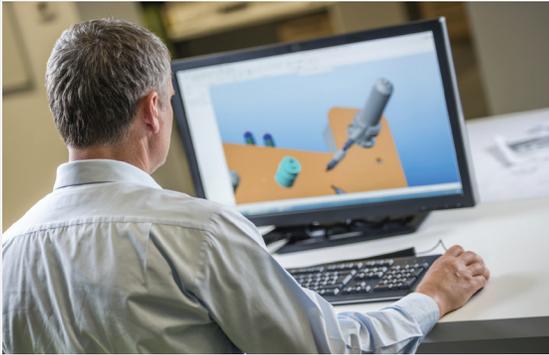
⁽²⁾ Drum Capacity is based on tightly wound wire rope and 1/2" freeboard from the top of the flange to the top layer. Recommended drum working capacity is 80% of values shown.

⁽³⁾ Max storage capacity is tightly wound with no freeboard.

How to Order



Special Orders



A significant portion of our business is providing customized solutions for specific applications. We recognize that not all jobs are created equal and that the most cost-effective solutions may not be in an off-the-shelf item. We've designed and manufactured winches and hoists for applications as simple as moving bags of lettuce, to as intricate as installing critical payloads on space vehicles, including high capacity loads 100 tons and above.

- Design for custom capacities
- Custom control systems
- Custom product modifications
- Witness testing and complete certification to most global standards
- Full data package with CAD drawings
- Dedicated project management for your project from conception to delivery
- Onsite services available including presale and evaluation



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.