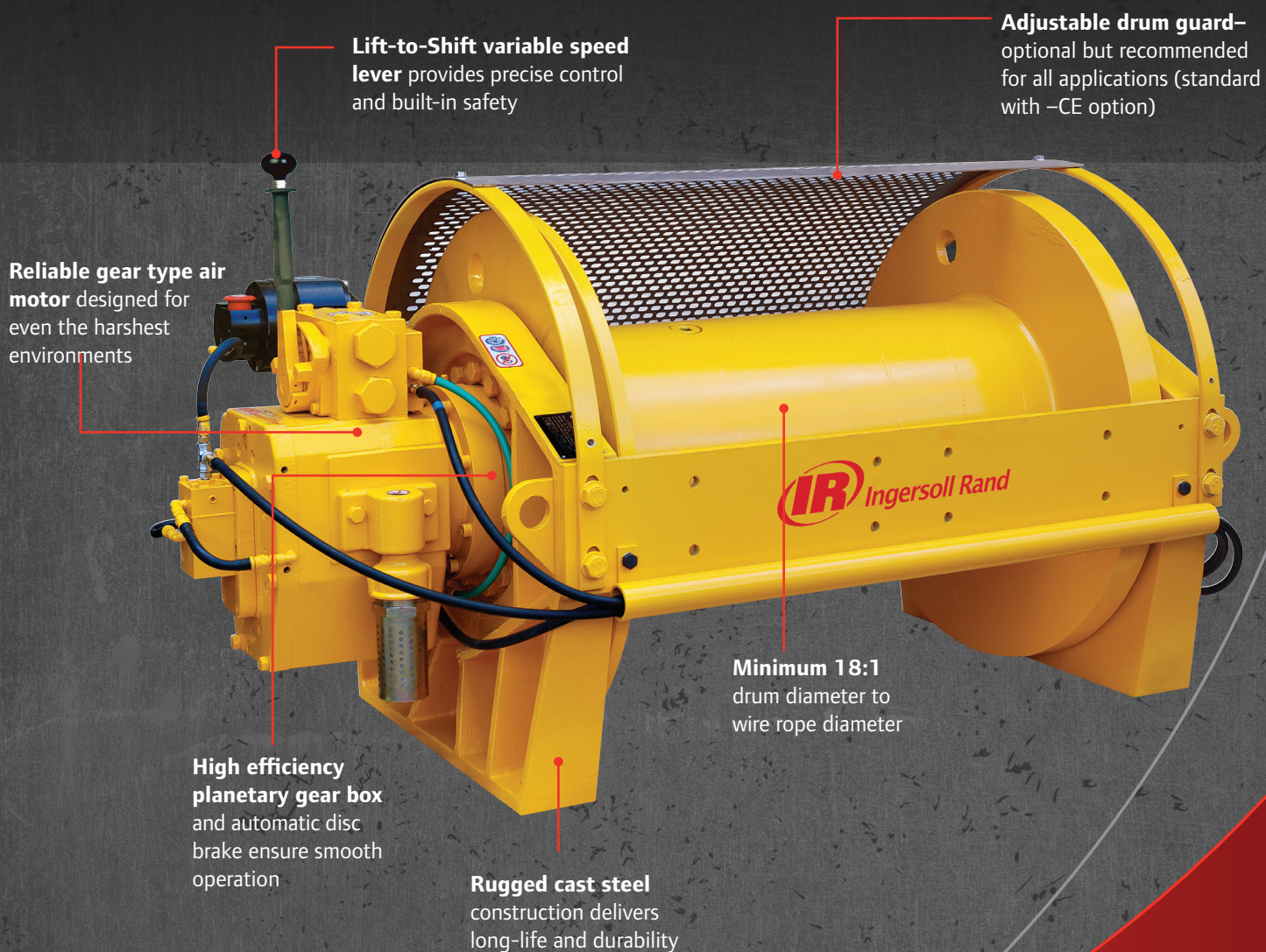




Liftstar Heavy Air Winches

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



Ideal for:



Onshore



Offshore



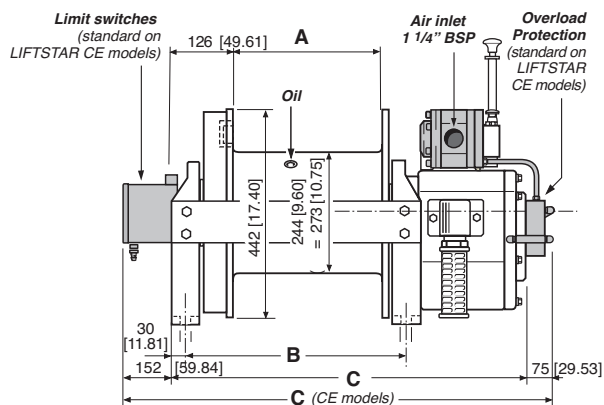
Marine



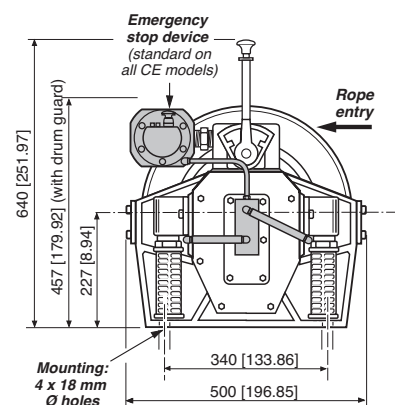
Liftstar Heavy Air Winches

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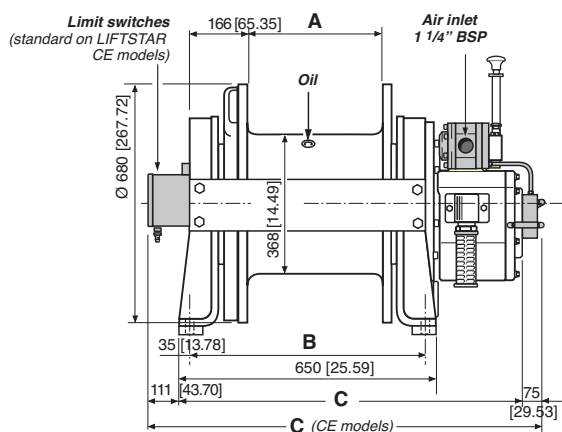
Ingersoll Rand Liftstar heavy winches incorporate a cast iron and steel design with a rugged gear motor for ultimate durability. They are available with options to suit any need no matter where in the world you operate. Reliable and simple to maintain, Liftstar winches are specifically built for the types of environments where lesser winches would fail.



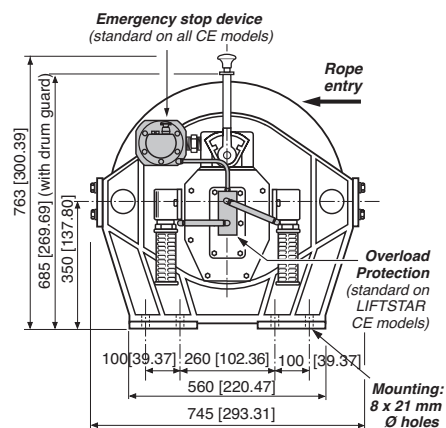
CE Models	A mm (in)	B mm (in)	C mm (in)
LS2000R-L-CE	302 (11.89)	449 (17.68)	952 (37.48)
LS2000RGC-L-CE	485 (19.09)	634 (24.96)	1,137 (44.76)



Non CE Models	A mm (in)	B mm (in)	C mm (in)
LS2000R-L	302 (11.89)	449 (17.68)	794 (31.26)
LS2000RGC-L	485 (19.09)	634 (24.96)	904 (35.59)

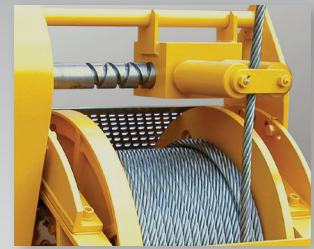


CE Models	A mm (in)	B mm (in)	C mm (in)
LS5000R-L-CE	355 (13.98)	580 (22.83)	1,090 (42.91)
LS5000RGC-L-CE	728 (28.66)	953 (37.52)	1,463 (57.6)



Non CE Models	A mm (in)	B mm (in)	C mm (in)
LS5000R-L	355 (13.98)	580 (22.83)	904 (35.59)
LS5000RGC-L	728 (28.66)	953 (37.52)	1,277 (50.28)

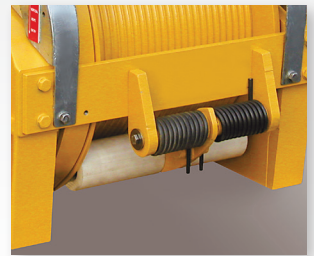
Dimensions shown are mm. Dimensions in Brackets [] are inches. Dimensions are subject to change. Contact factory for certified drawings."



Automatic spooling device



Grooved Drum



Rope press roller assembly

General Performance. Performance based on a 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)
LS2000R-L	2,800 (6,170)	2,400 (5,290)	2,000 (4,400)	20 (66)	20 (66)	20 (66)
LS2000RGC-L	2,800 (6,170)	2,400 (5,290)	2,000 (4,400)	20 (66)	20 (66)	20 (66)
LS5000R-L	6,500 (14,330)	5,750 (12,670)	5,000 (11,000)	10 (33)	10 (33)	10 (33)
LS5000RGC-L	6,500 (14,330)	5,750 (12,670)	5,000 (11,000)	10 (33)	10 (33)	10 (33)

General Characteristics. Performance at 6.3 bar (90 psi) air inlet pressure with the motor running

Model	Motor	Lifting Speed at Top Layer	Air Consumption with Rated Load	Air Volume Needed to Move Rated Load at Top Layer	Stall	Sound Level as per EN 14492-1	Net Weight
	kg (lb)	m/min (fpm)	m ³ /min (ft ³ /min)	3 m (10 ft)	kg (lb)	dB(A)	kg (lb)
LS2000R-L	10.7 (14.3)	20 (66)	5 (177)	10 (353)	3,953 (8,716)	95	230 (507)
LS2000RGC-L	10.7 (14.3)	20 (66)	5 (177)	10 (353)	3,953 (8,716)	95	283 (624)
LS5000R-L	10.7 (14.3)	10 (33)	10 (353)	3.0 (107.0)	11,968 (26,386)	87	645 (1,422)
LS5000RGC-L	10.7 (14.3)	10 (33)	10 (353)	3.0 (107.0)	11,968 (26,386)	87	760 (1,676)

Drum capacity

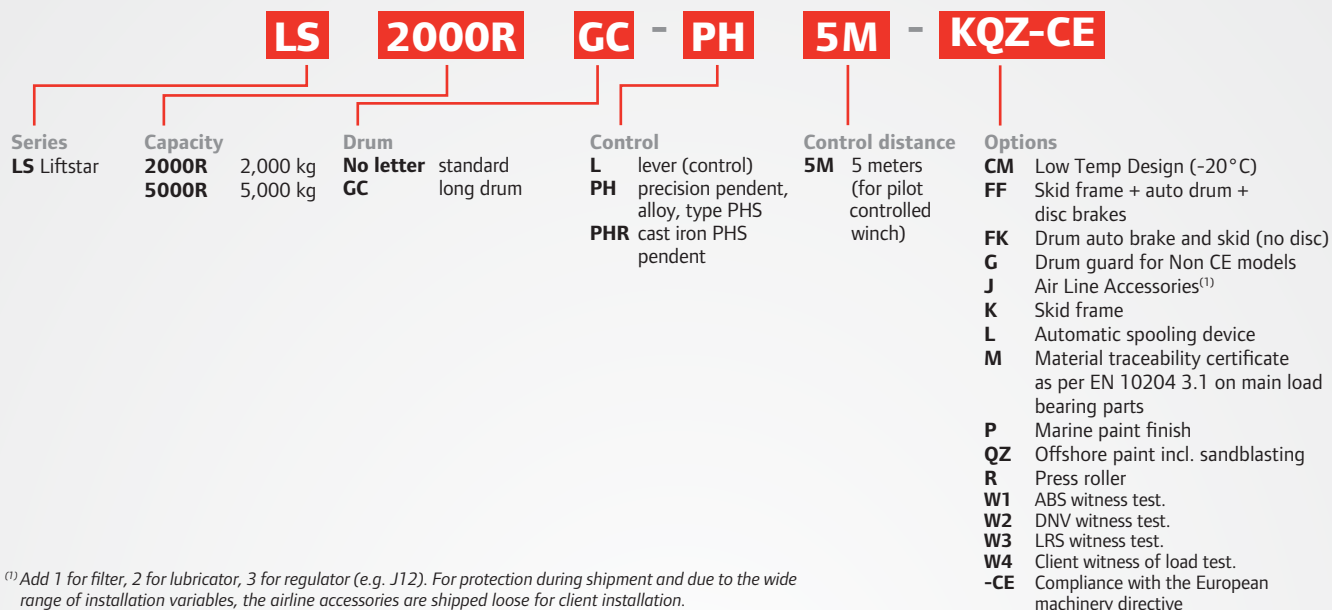
Model	Minimum Rope Breaking Force ⁽¹⁾	Recommended Rope Diameter	Drum Capacity per Layer ⁽²⁾						Max. Rope Storage Capacity ⁽³⁾
	kN (lbs)	mm (in)	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	Layer 6	m (ft)
LS2000R-L	98 (22,000)	13 (1/2)	17 (56)	36 (118)	57 (187)	79 (259)	103 (338)	- (-)	156 (512)
LS2000RGC-L	98 (22,000)	13 (1/2)	31 (102)	65 (213)	102 (335)	142 (466)	- (-)	- (-)	230 (755)
LS5000R-L	244 (55,000)	20 (3/4)	20 (65)	42 (137)	66 (216)	92 (301)	120 (393)	150 (492)	182 (597)
LS5000RGC-L	244 (55,000)	20 (3/4)	41 (134)	88 (288)	138 (452)	193 (633)	252 (826)	316 (1,036)	384 (1,259)

⁽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



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- Custom control systems
- Custom product modifications
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- Dedicated project management for your project from conception to delivery
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