

Pullstar Heavy Air Winches

2,250-7,500 kg (4,950-16,530 kg)

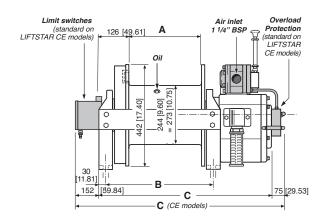


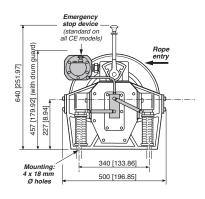


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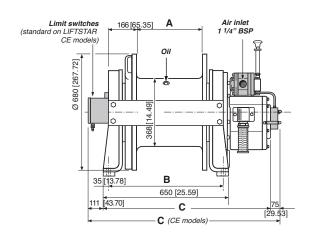
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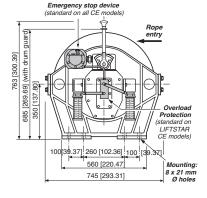
Ingersoll Rand Pullstar heavy winches are designed specifically for pulling applications. They offer a 3.5:1 design factor and come standard with a disengaging clutch to quickly deploy the wire rope. Pullstar heavy winches use a low maintenance, highly reliable gear motor for high torque output and smooth starts and stops. When you combine the gear motor with cast iron and steel construction, Ingersoll Rand Pullstar heavy air winches are one of the most durable pulling winches available.





CE Models	A mm (in)	B mm (in)	C mm (in)
PS4000R-L-E	302 (11.89)	449 (17.68)	794 (31.26)
PS4000RGC-L-E	485 (19.09)	634 (24.96)	979 (38.54)
Non CE Models			
PS4000R-L	302 (11.89)	449 (17.68)	719 (28.31)
PS4000RGC-L	485 (19.09)	634 (24.96)	904 (35.59)





CE Models	A mm (in)	B mm (in)	C mm (in)	
PS10000R-L-E	355 (13.98)	580 (22.83)	979 (38.54)	
PS10000RGC-L-E	728 (28.66)	953 (37.52)	1,352 (53.23)	
Non CE Models				
PS10000R-L	355 (13.98)	580 (22.83)	904 (35.59)	
PS10000RGC-L	728 (28.66)	953 (37.52)	1,277 (50.28)	





Spooling Device



Automatic Drum Brake



Grooved Drum and Press Roller

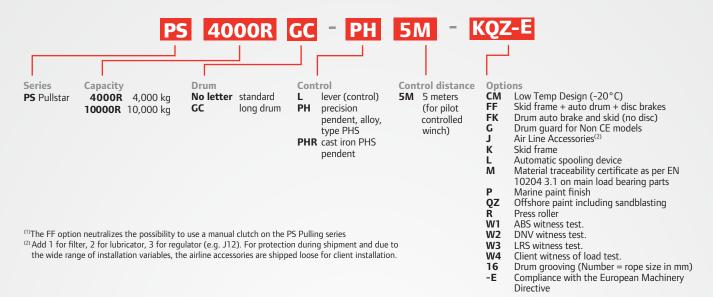
General Performance. Performance at 3.5:1 design factor.									
		Line Pull Capacity		Line Speed					
Model	First Layer kg (lb)	Mid Drum kg (lb)	Top Layer kg (lb)	First Layer m/min (fpm)	Mid Drum m/min (fpm)	Top Layer m/min (fpm)			
PS4000R-L	4,000 (8,800)	3,250 (7,150)	2,500 (5,500)	4 (14)	5 (18)	7 (23)			
PS4000RGC-L ⁽¹⁾	3,600 (7,920)	2,925 (6,435)	2,250 (4,950)	4 (15)	6 (20)	8 (25)			
PS10000R-L	10,000 (22,000)	8,740 (19,265)	7,500 (16,530)	3 (9)	3 (11)	4 (14)			
PS10000RGC-L	10,000 (22,000)	8,740 (19,265)	7,500 (16,530)	3 (9)	3 (11)	4 (14)			

General Characteristics. Performance at 6.3 bar (90 psi) air inlet pressure with the motor running										
	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			
Model	kW (hp)	m/min (fpm)	m³/min (ft³/min)	3 m (10 ft)	kg (lb)	dB(A)	kg (lb)			
PS4000R-L	10.7 (14.3)	7 (23)	12 (424)	5.1 (184.3)	4,202 (9,265)	95	225 (496)			
PS4000RGC-L ⁽¹⁾	10.7 (14.3)	8 (25)	12 (424)	4.5 (169.6)	3,776 (8,326)	95	278 (613)			
PS10000R-L	10.7 (14.3)	4 (14)	12 (424)	9.0 (302.9)	11,200 (24,695)	87	640 (1,411)			
PS10000RGC-L	10.7 (14.3)	4 (14)	12 (424)	9.0 (302.9)	11,200 (24,695)	87	755 (1,664)			

Drum Capacity									
	Minimum Rope Breaking Force ⁽²⁾	Recommended Rope Diameter				ty per Layer ⁽³⁾ (ft)	Max. Rope Storage Capacity ⁽⁴⁾		
Model	kN (lbs)	mm (in)	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	Layer 6	m (ft)
PS4000R-L	110 (24,750)	13 (1/2)	17 (56)	36 (118)	57 (187)	79 (259)	103 (338)	- (-)	156 (512)
PS4000RGC-L ⁽¹⁾	123 (27,500)	13 (1/2)	31 (102)	65 (213)	102 (335)	142 (466)	- (-)	- (-)	230 (755)
PS10000R-L	368 (82,650)	20 (3/4)	21 (69)	44 (144)	69 (226)	96 (315)	125 (410)	156 (512)	224 (735)
PS10000RGC-L	368 (82,650)	20 (3/4)	44 (144)	92 (302)	145 (476)	202 (663)	263 (863)	329 (1,079)	473 (1,552)

⁽¹⁾ For PS4000RGC-L, line pulls are reduced by 10% and line speeds are increased by 10%
(2) Recommended minimum breaking force of wire rope based on top layer line pull rating.
(3) Drum Capacity is based on tightly wound wire rope and 1/2" freeboad from the top of the flange to the top layer. Recommended drum working capacity is 80% of values shown.
(4) Max storage capacity is tightly wound with no freeboard.

How to Order



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- Custom control systems
- Custom product modifications
- · Witness testing and complete certification to most global standards
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