



Man Rider[®] and Personnel Lifting Winches

Dedicated 150 kg (330 lb)

Dual Purpose 920-5,000 kg (2,035-11,000 lb)



When Tough Just Isn't Enough

Dedicated 150 kg (330 lb) and Dual Purpose 920-5,000 kg (2,035-11,000 lb) Air Winches

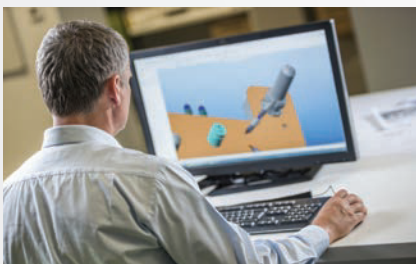


Since 1924, Ingersoll Rand has built extremely durable and reliable winches and hoists. Designed to work in harsh environments and built using rugged cast iron and steel, Ingersoll Rand doesn't take shortcuts and never uses inferior components. Ingersoll Rand Man Rider® and dual purpose winches are specifically designed to minimize the risks of lifting people. They meet strict safe-lifting standards and include features to help ensure the safety of workers. Ingersoll Rand pioneered the development of Man Rider® and dual purpose winches and has provided thousands of them over 30 years. This experience is built into every Man Rider® winch we sell. Trust Ingersoll Rand Man Rider® and dual purpose winches to help you protect your most precious asset, your people.

Ingersoll Rand Man Rider® and Dual Purpose Lifting Winches:

- Multiple safety systems to help keep your personnel safe
- Rugged cast iron and steel construction for extreme durability
- Stainless steel components and marine grade paint for corrosion resistance
- Variable speed levers for precise control and built-in safety
- Easy configuration to meet worldwide standards and 3rd party type approvals
- Individual load testing before shipment with manufacturer's test certificate
- 30 years of experience designing and building thousands of Man Rider® winches that operate in the world's toughest environments
- High quality manufacturing in ISO 9001 level advanced facilities

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

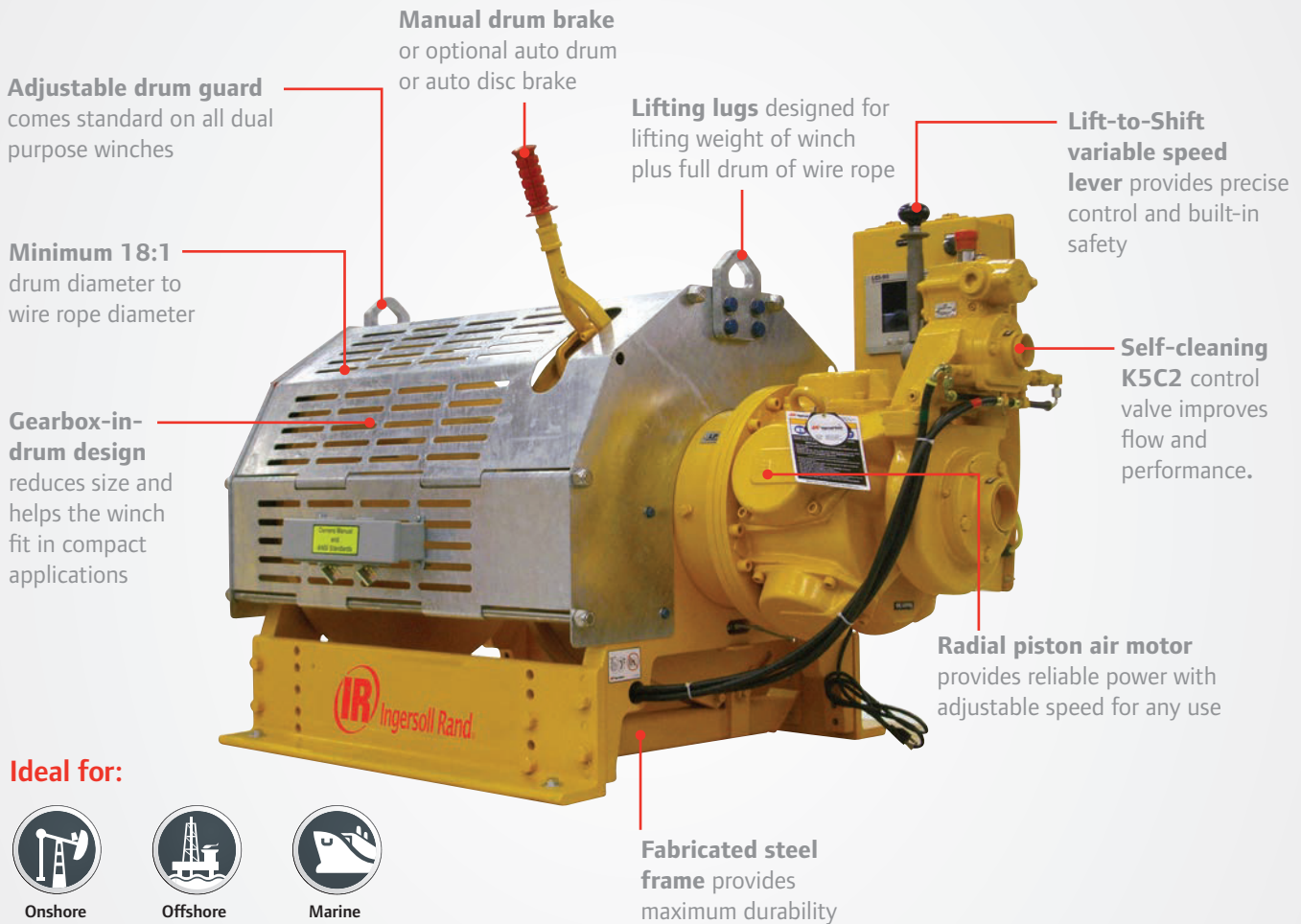
For More Information

 www.ingersollrandproducts.com/lifting  lifting@irco.com

Infinity Dual Purpose Air Winches

1,445-5,000 kg (3,180-11,000 lb)

Ingersoll Rand Dual Purpose winches are designed to maximize the use of your equipment. They combine the time-tested, rugged durability of our standard Infinity winches with enhanced safety features for lifting personnel. In environments where dedicated Man Rider® winches are not required, Ingersoll Rand Dual Purpose winches offer you the versatility to lift people and material with one winch. Often copied, but never equaled, count on Ingersoll Rand Dual Purpose winches to get the job done.



Ideal for:



Onshore



Offshore



Marine

Personnel Lifting Ratings at 8:1 design factor and performance at 6.3 bar (90 psi) at air inlet when winch is operating

Model	Rated Capacity at Top Layer	Lifting Speed at Top Layer	Air Consumption with Rated Load	Air Volume Needed to Move Rated Load at Top Layer	Sound Level as per EN 14492-1	Drum Capacity ⁽¹⁾		Net Weight
	kg (lb)	m/min (fpm)	m ³ /min (ft ³)	3 m (10 ft)		Length m (ft)	Rope Diameter mm (in)	
FA2i-MR24MK1G	1,445 (3,180)	23 (75)	8 (280)	1.0 (37.3)	87	430 (1,435)	13 (1/2)	420 (925)
FA2.5i-MR24MK1G	1,445 (3,180)	53 (173)	20 (700)	1.1 (40.5)	97	430 (1,435)	13 (1/2)	574 (1,265)
FA5i-MR24MK1G	3,123 (6,870)	23 (75)	20 (700)	2.6 (93.3)	97	410 (1,346)	20 (3/4)	907 (2,000)

Utility Lifting Ratings at 5:1 design factor and performance at 6.3 bar (90 psi) at air inlet when winch is operating

FA2i-MR24MK1G	2,000 (4,400)	16 (51)	8 (280)	1.5 (54.9)	87	430 (1,435)	13 (1/2)	420 (925)
FA2.5i-MR24MK1G	2,273 (5,000)	40 (132)	20 (700)	1.5 (53.0)	97	430 (1,435)	13 (1/2)	574 (1,265)
FA5i-MR24MK1G	5,000 (11,000)	16 (54)	20 (700)	3.8 (129.6)	97	410 (1,346)	20 (3/4)	907 (2,000)

⁽¹⁾ Wire rope is tightly wound with no freeboard.



Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$12 billion global business committed to a world of sustainable progress and enduring results.



www.ingersollrandproducts.com

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