



# Man Rider® Winches

Quality. Reliability. Safety.

# Man Rider® Winches

Ingersoll Rand is widely recognized for producing the world's leading dedicated manriding winches, with decades of field-proven experience in both offshore and land markets. No other provider combines the same depth of specialization, track record of reliability, and global footprint supporting personnel lifting systems. This heritage is exactly why Ingersoll Rand's new hydraulic manrider is such a critical step forward.

## Built for Safe Personnel Lifting

- ✓ Purpose-built manrider — not a modified utility winch
- ✓ Reduces liability while improving personnel protection
- ✓ Full ANSI A10.22 compliance for recognized safety standards
- ✓ Offshore-grade safety designed for land-rig budgets

## Why Choose the Man Rider® Winch?

The Man Rider® Winch is packed with advanced features that optimize safety, efficiency and ease of use for critical lifting operations.

### Key Features & Benefits

- All-Hydraulic System**  
 Integrates easily with existing hydraulic power sources—no additional utilities or complex installations required.
- Redundant Fail-Safe Braking System**  
 Dual automatic disc and drum brakes ensure secure load holding and maximum safety in critical lifting operations.
- Advanced Overload Protection**  
 Built-in protection prevents excessive loads, safeguarding both operators and equipment from damage.
- Wireless Radio Control Operation**  
 Operate the winch remotely using a wireless pendant for haul-in and pay-out, allowing better visibility, safer positioning, and single-operator control.
- Comprehensive Safety System**  
 Includes upper and lower rotary limit switches and a main emergency stop button to ensure safe operation at all times.
- Emergency Lowering Capability**  
 Pre-equipped manual emergency lowering device enables controlled descent during power failures or unexpected malfunctions.
- Heavy-Duty All-Steel Construction**  
 Robust steel and cast-iron components provide exceptional durability and reliable operation in dusty, humid, and harsh environments.
- Compact, Space-Efficient Design**  
 Optimized footprint allows installation in confined or space-limited work areas.
- Optimized Drum & Rope Design**  
 Grooved drum, press roller spooling system, and a 24:1 drum-to-rope diameter ratio extend wire rope life and ensure smooth operation.
- Wide Operating Temperature Range**  
 Engineered to perform reliably from -20°C to +60°C, making it suitable for demanding industrial environments.
- High Safety Design Factor**  
 A 10:1 design factor provides enhanced reliability and confidence during man-riding operations.
- Low Maintenance Operation**  
 Automatic fail-safe brakes require no adjustment and the robust mechanical design minimizes servicing and downtime.

### Specifications

|                               |            |
|-------------------------------|------------|
| Rated load capacity           | 150 kg     |
| Rated layer                   | 4th        |
| Rated line speed              | 10.5 m/min |
| Working capacity              | 120 m      |
| Total drum capacity           | 170 m      |
| Wire rope size                | 8 mm       |
| Inlet pressure for rated load | 50 bar     |
| Inlet flow for rated load     | 10 l/min   |
| Weight without wire rope      | 170 kg     |
| Input power supply            | 24vdc      |



LS2-150HMR Onshore Hydraulic Man Rider® Winch



Learn more at [www.ingersollrand.com](http://www.ingersollrand.com)



Ingersoll Rand (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity, and efficiency.