



Air Winch

Product information

Rugged Compact and Versatile Design

- Meets ANSI / ASME B30.7
- 5:1 design factor at rated load
- Top layer rated line pull
- "Lift to shift" winch mounted lever throttle
- Minimum 18:1 drum diameter to wire rope diameter ratio
- Compact gearbox-in-drum design
- Standard design temperature range is 0°C through 60°C
- Group of mechanism as per FEM: 5m
- Suitable for Hazardous Explosion Proof Environment

Flameproof by design. Air motors (unlike electric motors) are inherently spark resistant.

- ATEX classification (as per directive EC 94/9/EEC). CE compliant models marked EX II 2 GD c 200°C X
- Powerful Radial Piston Air Motor
- Positive starting torque
- Infinitely variable speeds with precision spotting control
- Superior reliability in harsh environments

Brake Systems

- manual drum brake standard
- Optional auto drum brake and /or auto disc available
- Fully enclosed automatic oil bath "wet" disc brake sealed against moisture and contaminants
- Ingersoll Rand recommends the use of automatic brakes whenever a winch is used for lifting

CE compliant versions provided with:

- Drum guard
- Overload protection (preset regulator)
- Emergency stop
- Muffler
- Automatic brake
- Limit switches
- CE documentation

Options and Accessories

- DNV & ABS Type Approved models available

- Low temperature versions
- Overload and E-stop control system
- Remote controls
- Limit switches
- Tensioning manifold
- Drum guards*
- Grooved drums
- Drum divider flanges
- Drum locks
- Spooling devices
- Marine paint systems
- Air line accessories

* We recommend using Drum Guards with all winches to prevent inadvertent contact with winch moving parts

WLL ton	Description	Weight kg	Delivery time
2	Air Winch	79	14
2	Air Winch Rotating Base	-	14
4	Vertical Deck Sheave 12/13mm 4t 12/13mm	-	14