



Portable Compressors

P185WJD XP185WJD P250WJD



Powerful. Dependable. Global.

5 Years/10,000 Hours Optional Airend Warranty



Ingersoll-Rand now offers an optional warranty program for all size IR airends. When you purchase an Ingersoll-Rand compressor, you can increase your warranty protection to 5 years or 10,000 hours simply by using the Ingersoll-Rand PRO•TEC Compressor Fluid and genuine Ingersoll-Rand replacement parts when replacing filters and air/oil separators. The Ingersoll-Rand airend filtration and lubrication system ensures a long machine operating life and an increased return on your machine investment.

PRO•TEC™ Advantages

- Specially formulated to maximize airend performance
- Overall protection for the airend bearings and component parts
- Extends equipment service life
- Superior lubricating film strength
- Excellent low-temperature performance
- Reduced foaming and fluid loss in severe service conditions
- Excellent lubrication under normal and severe operating conditions
- Designed especially for Ingersoll-Rand Portable Compressor Division
- New compressor units are factory filled with PRO•TEC™ compressor fluid to provide immediate protection

Standard Warranty

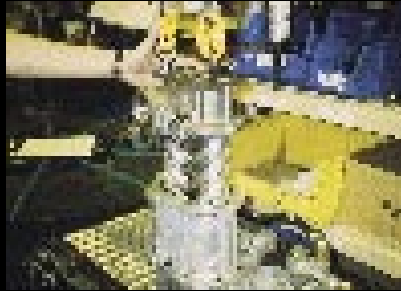
This warranty extends 24 months from date of shipment, or 4,000 hours of service, whichever occurs first. The warranty against defects will include replacement of the complete airend, provided the original airend is returned assembled and unopened.

Extended Warranty (Airend Only)

This warranty extends sixty (60) months from shipment date or 10,000 hours of service and provides coverage against defects in major components such as rotors, housings and bearings. This warranty is automatically available when genuine Ingersoll-Rand parts, fluids and filters are used and maintenance is performed at prescribed intervals.

Transferable Warranty

When you are ready to sell your used compressor, the remainder time or hours on the warranty is fully transferable to the new owner, greatly increasing the resell value and improving your return on your investment. To transfer the warranty you will just need to transfer the service records to the new owner who in turn needs to continue performing maintenance at the prescribed interval.





IR Portable Compressors: Leading the Industry With Precision Machining and Unmatched Reliability

Powerful Components.

As the world's leading manufacturer of portable compressors, IR chooses only the most reliable components in the industry. Known worldwide for reliability, John Deere engines are a great fit for continuing the Ingersoll-Rand tradition of providing equipment that sets the industry standard for durability, productivity, and serviceability.

Building on Success

Ingersoll-Rand rotary compressor reliability, performance and efficiency all begin with the airend. Screw rotors form the heart of the airend and their profiles directly influence the performance of the compressor. A seven-step rotor manufacturing process used throughout our operations results in unmatched rotor profile accuracy and repeatability. These characteristics translate directly into the high efficiency and reliability for which our airends are known.

Solid Design

Engineered for optimal stability, the torsional suspension system absorbs more vibrations for a smoother ride and less shock transferred to the enclosure, preventing damage to the inner components. Higher load capacity, true independent suspension and better tracking allow for less sway during towing. In order to reduce damage during transportation, setup and operation, we have added polyethylene fenders and wrap-around bumpers.

Serviceability

The IR portable compressor line is designed for increased serviceability. A removable rear panel and engine oil drain make routine maintenance of oil cooler and radiator easier, while the removal and replacement of many major components is easier than ever.

Dependability

Meeting your service and support needs is a part of the IR commitment. We take pride in maintaining our reputation for getting you the parts you need, when you need them. With a 97 percent next-day fill rate, an extensive line of parts in stock and a dealer support network available in 103 countries, you can depend on IR to support your job site needs.

Impressive Resale Value

When it's time to acquire new equipment, you'll find that IR compressors enjoy the highest resale value of all competitors. Plus, our warranty is transferable to a new owner at the time of sale, adding greatly to the resale value of the machines.



Rear towing lights and side-markets: Designed to meet US and Canadian highway regulations.

New and improved textured paint: Provides a thicker, more durable, longer-lasting finish.

John Deere PowerTech Engines: Comply with EPA emission standards. 1 year unlimited hours or 2 years / 2,000 hours warranty. 5 years / 5,000 hours extended warranty available. Ask your Ingersoll-Rand representative for program details.

Composite Material Panel: Higher durability, better corrosion resistance, improved appearance.

“A” frame drawbar: Pivoting wheel design increases shipping capacity and caster wheel improves maneuverability at the job site.

Standard heavy-duty steel rear bumper: Adds extra protection.

Rubber torsional running gear: Absorbs more vibration for a smoother ride and less damage to internal components.

Optional In-line fuel filter/water separator: Minimizes downtime due to fuel contamination.

Polyethylene fenders: Reduces damage during transportation, setup and operation.

Automatic safety shutdown system: Protects the package when abnormal air, water temperatures or engine oil pressure are present during operation.

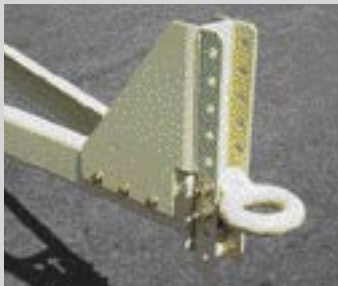


IR Accessories

Experience Optimum Productivity — Customize your air compressor with options from Ingersoll-Rand. IR is your complete solution source for lubricants, hoses, tools and more.

Running Gear Options

- Adjustable height hitch
Adjustable from 19" to 33"
- Electric Brakes (standard on P250WJD)
- Extended drawbar
Extends 85° from front of enclosure
- Hydraulic brakes
- Parking brake
- Rear dropleg



Adjustable Height Hitch

Instrument Panel Options

- Full gauge panel
 - 4-in-1 gauge
 - Diagnostic lights
 - Fuel gauge with low fuel display lamp & low fuel shutdown
 - Air filter maintenance indicator lamp
- 4-in-1 gauge
 - Engine temperature
 - Voltmeter
 - Engine oil pressure
 - Discharge air temperature
- Fuel gauge with low fuel display lamp and low fuel shutdown
- Diagnostic lights
 - Indicates cause of safety shutdowns
 - Alternator malfunction
 - Low-fuel level
 - Air filter restriction

Full Gauge Panel



Hose Reel

Discharge and Hose Reel Options

- 1-1/4" service valve
- 100' single hose reel with OSHA valve
- 100' double hose reel with OSHA valves
- Oilers from 1 pint to 2 quarts
Shipped loose or mounted with hose reels
- (3) 3/4" discharge valves

Additional Options

- 4.5 kW/120v generator
Belt driven off of engine crankshaft
3 modes of operation:
 - Generator only
 - Air only
 - Air and generator simultaneously
- Separate generator control panel
 - Mode switch
 - Two duplex 120 volt 20 amp
GFI protected outlets
 - Voltmeter
- Available factory installed or as a field installable kit
- Key-lockable doors
- Revolving amber roof light
- 1000 CCA battery
- Lockable fuel cap
- Spark arrestor
- Dual pressure regulation system



4.5 kW Generator (Protective guard removed for clarity)



Lubricators



Hoses



Construction Tools

Ingersoll-Rand Portable Compressors

MODEL	P185WJD	XP185WJD	P250WJD
Engine			
Make	JOHN DEERE	JOHN DEERE	JOHN DEERE
Model	4045D	4045D	4045D
(Cylinders) bore x stroke (in)	(4) 4.19 x 5.00	(4) 4.19 x 5.00	(4) 4.19 x 5.00
(Cylinders) bore x stroke (mm)	(4) 106 x 127	(4) 106 x 127	(4) 106 x 127
Displacement (cu in / L)	275 / 4.5	275 / 4.5	275 / 4.5
Speed: rated (rpm)	2,500	2,500	2,300
idle (rpm)	1,700	1,700	1,700
BHP at rated speed	80	80	78
Fuel / Cooling	Diesel / Water	Diesel / Water	Diesel / Water
Electrical System (volts)	12	12	12
Compressor - Rotary Screw Type			
Oil flooded, single stage	Yes	Yes	Yes
Free - air delivery (cfm)	185	185	250
(L/sec)	87	87	118
Rated operating pressure (psig/bar)	100 / 6.9	125 / 8.6	100 / 6.9
Pressure range (psig)	80 - 125	80 - 150	80 - 125
(bar)	5.5 - 8.6	5.5 - 10.3	5.5 - 8.6
Air discharge outlets Qty / size	2 / .75"	2 / .75"	2 / .75"
Fuel Tank Capacity (gal / Lt)	27 / 102	27 / 102	29 / 109
Unit with Running Gear			
Overall length (in/mm)	141.3 / 3590	141.3 / 3590	141.3 / 3590
Overall width (in/mm)	68.5 / 1740	68.5 / 1740	68.5 / 1740
Overall height (in/mm)	62 / 1575	62 / 1575	62 / 1575
Track width (in/mm)	59 / 1499	59 / 1499	59 / 1499
Shipping weight (lb)	2,310	2,310	2,794
(kg)	1,048	1,048	1,274
Unit Less Running Gear			
Overall length (in/mm)	88 / 2235	88 / 2235	88 / 2235
Overall width (in/mm)	50 / 1270	50 / 1270	50 / 1270
Overall height (in/mm)	58 / 1473	58 / 1473	58 / 1473
Shipping weight (lb)	2,085	1,905	2,569
(kg)	946	864	1,165



Ingersoll-Rand air compressors are not designed, intended or approved for breathing air. Compressed air should not be used for breathing air applications unless treated in accordance with all applicable codes and regulations.

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Product improvement is a continuing goal at Ingersoll-Rand. Designs and specifications are subject to change without notice or obligation.

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