

185 CFM to 250 CFM Portable Air Compressors



High Productivity for Bottom-line Profitability

As the world's leading manufacturer of portable compressors, Ingersoll-Rand sets the standard for rugged reliability. From high-performing airends to the most structurally sound internal components, Ingersoll-Rand offers impressive performance and minimal maintenance. Proven on jobsites around the world, Ingersoll-Rand compressors continue to offer the highest level of durability, productivity, and serviceability.

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Specifications

KEY FEATURES / BENEFITS

- Shock-mounted engine and compressor to absorb vibration and reduce noise
- Lockable side doors with pneumatic lift springs and no-rust aluminum hinges provide excellent access for servicing
- Rear access panel for cleaning heat exchangers
- Heavy-duty independent rubber-torsion suspension running gear with high ground clearance and 15" wheels for less shock transferred to internal components
- Folding "A" frame drawbar with safety chains and hooks provides easy hook-up to vehicle, stability while towing, and reduces needed space for transportation
- 3-position, adjustable-height, hitch-pintle eye type for more hook-up options

AVAILABLE OPTIONS (FACTORY INSTALLED)

- Fuel level gauge
- Tachometer
- 4-in-1 combo gauge
 - Volt meter
 - Engine oil pressure
 - Engine coolant temperature
 - Discharge air temperature
- 4.5 kW intermittent duty (3.0 kW continuous) generator; engine driven
- Hose reel – 100' capacity for 3/4" (19 mm) ID hose, single or double reel with OSHA valve(s), and 3/4" globe-type service valves
- Hoses 50' (15.2 m) or 100' (30.5 m) either installed on reel or shipped loose
- Extra 3/4" (19 mm), 1/4 turn service valves on reel base
- In-line oilers for tool lubrication
- Electric or surge brakes (electric brakes standard on P250WJD)
- Spark arrestor (functions as a rain cap) or rain cap
- 1,000 CCA battery
- Additional service outlets
- Rear bumper
- Rear drop leg; requires optional rear bumper
- Padfoot instead of caster wheel
- Cold weather starting aid; less ether container
- Air filter safety element (3-stage filtration)
- Filter kits
- Amber roof light; revolving or strobe

MODEL	P185WJD	XP185WJD	P250WJD
ENGINE			
Make	John Deere	John Deere	John Deere
Model	4045D	4045D	4045D
Number of Cylinders	4	4	4
Displacement cu in (L)	275 (4.5)	275 (4.5)	275 (4.5)
Rated Speed rpm	2,500	2,500	2,300
Idle Speed rpm	1,700	1,700	1,700
BHP @ Rated Speed	80	80	78
Electrical	12 V	12 V	12 V
COMPRESSOR – ROTARY SCREW / SINGLE STAGE			
Free-Air Delivery cfm (m ³ /min)	185 (5.2)	185 (5.2)	250 (7.1)
Rated Operating Pressure psig (bar)	100 (6.9)	125 (8.6)	100 (6.9)
Pressure Range psig (bar)	80 – 125 (5.5 – 8.6)	80 – 150 (5.5 – 10.3)	80 – 125 (5.5 – 8.6)
Air Discharge Outlet Size in (NPT/mm)	.75 (19.0)	.75 (19.0)	.75 (19.0)
Air Discharge Outlet Quantity	2	2	2
Fuel Tank Capacity gal (L)	27 (102)	27 (102)	29 (110)
DIMENSIONS WITH RUNNING GEAR			
Overall Length in (mm)	137.7 (3498)	137.7 (3498)	137.7 (3498)
Overall Width in (mm)	68.5 (1739)	68.5 (1739)	68.5 (1739)
Overall Height in (mm); Add 3.47" (88 mm) Exhaust Pipe	62.3 (1582)	62.3 (1582)	62.3 (1582)
Track Width in (mm)	59 (1499)	59 (1499)	59 (1499)
Tire Size	15"	15"	15"
Shipping Weight — No Fuel lb (kg)	2,310 (1048)	2,310 (1048)	2,794 (1267)
Working Weight — With Fuel lb (kg)	2,505 (1136)	2,505 (1136)	2,996 (1359)
DIMENSIONS WITHOUT RUNNING GEAR			
Overall Length in (mm)	87.91 (2233)	87.91 (2233)	87.91 (2233)
Overall Width in (mm)	49.63 (1261)	49.63 (1261)	49.63 (1261)
Overall Height in (mm); Add 3.47" (88 mm) Exhaust Pipe	54.32 (1380)	54.32 (1380)	54.32 (1380)
Shipping Weight — No Fuel lb (kg)	2,085 (945)	2,085 (945)	2,570 (1166)
Working Weight — With Fuel lb (kg)	2,280 (1034)	2,280 (1034)	2,770 (1257)

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

WARRANTY

1-year / 2,000-hour warranty on all components, except engines, tires, and batteries which carry the manufacturer's warranty.

AIREND

2-year / 4,000-hour warranty on airend, extended to 5-year / 10,000-hour warranty when original Ingersoll-Rand filters, fluids, and parts are used at the prescribed intervals.

ENGINE

The John Deere engine is warranted for 2 years / 2,000 hours.

