



# P65 – P250

*Utility Air Compressors*



## Leading the industry with precision machining and unmatched reliability

As the world's leading manufacturer of portable compressors, Ingersoll Rand sets the standard for rugged reliability. From high-performance airends to the most structurally sound internal components, these compressors offer 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.

### Designed for optimum versatility

The P135WJDU – P250WJDU compressors can be equipped with a variety of options, including a 30 bhp auxiliary drive and engine crank sheave.

### Compact and lightweight

The P90 and P65 offer easy access to all major components.



### Superior serviceability

Our utility air compressors deliver reliable, efficient performance in a compact package that weighs less than most competitive units. Each unit is equipped with full-size, padlockable end doors offering easy accessibility for fluid level inspections, fluid fills and drains, filter maintenance, battery access, and more.

### Maximized component life

Our cool-box design maintains even temperatures by moving cool, ambient air over all internal working components. The inside temperature never exceeds the outside temperature by more than 20 degrees, controlling the heat level and minimizing component wear. You'll experience maximum output at temperatures up to 125° F, and appreciate our automatic safety shutdowns for high air discharge temperature, low engine oil pressure, and high engine temperature.

### Airend warranty information

When you purchase an Ingersoll Rand compressor, you can increase your transferable airend protection from a 2-year / 4,000-hour warranty to a 5-year / 10,000-hour warranty free of charge. This coverage protects against defects in major components such as rotors, housings, and bearings simply by using Ingersoll Rand PRO·TEC compressor fluid and genuine Ingersoll Rand parts when replacing filters and separator elements at the prescribed intervals.

SPECIFICATIONS	P65WКУ	P90WIRU	P130WJDU	P175WJDU	P185WJDU	P250WJDU
<b>COMPRESSOR — OIL-FLOODED ROTARY SCREW / SINGLE-STAGE</b>						
Free-air Delivery – cfm (m <sup>3</sup> /min)	65 (1.9)	90 (2.6)	130 (3.7)	175 (5)	185 (5.2)	250 (7.1)
Rated Operating Pressure – psig (bar)	100 (6.9)	100 (6.9)	100 (6.9)	100 (6.9)	100 (6.9)	100 (6.9)
Pressure Range – psig (bar)	80 – 125 (5.5 – 8.6)	80 – 125 (5.5 – 8.6)	80 – 125 (5.5 – 8.6)	80 – 125 (5.5 – 8.6)	80 – 125 (5.5 – 8.6)	80 – 125 (5.5 – 8.6)
Air Discharge Outlet NPT Size – in (mm)	0.75 (19.1)	0.75 (19.1)	0.75 (19.1)	0.75 (19.1)	0.75 (19.1)	0.75 (19.1)
Air Discharge Outlet Quantity	2	2	2	2	2	2
<b>ENGINE — DIESEL</b>						
Make	Kubota	Ingersoll Rand	John Deere	John Deere	John Deere	John Deere
Model	D1005 - Tier 2	3IRH2NS - Tier 2	3029D - Tier 1	3029D - Tier 1	4045D - Tier 1	4045D - Tier 1
Number Of Cylinders	3	3	3	3	4	4
Displacement – cu in (L)	61.1 (1)	81 (1.3)	179 (2.9)	179 (2.9)	275 (4.5)	275 (4.5)
Rated Speed – rpm	3,000	2,800	2,000	2,350	2,500	2,300
Idle Speed – rpm	2,000	1,700	2,000	1,700	1,700	1,700
bhp (kW) @ Rated Speed	23.5 (17.5)	28.5 (21.3)	50 (37.3)	56 (38)	80 (59.7)	78 (58.2)
Electrical – V	12	12	12	12	12	12
Engine Oil Capacity – gal (L)	1.3 (5.1)	1.5 (5.5)	1.6 (6)	1.6 (6)	2.5 (9.5)	2.5 (9.5)
Radiator Coolant Capacity – gal (L)	1.1 (4)	1.3 (5)	2.9 (11)	2.9 (11)	3.6 (13.6)	3.6 (13.6)
Fuel Tank Capacity – gal (L)	6.8 (26)	13.2 (50)	28 (106)	28 (106)	28 (106)	28 (106)
<b>DIMENSIONS*</b>						
Length – in (mm)	55 (1400)	63.4 (1610)	79.9 (2029.5)	79.9 (2029.5)	79.9 (2029.5)	79.9 (2029.5)
Width – in (mm)	30.7 (780)	37 (940)	33.3 (845)	33.3 (845)	33.3 (845)	33.3 (845)
Height – in (mm)	45.4 (1154)	40.6 (1030)	45.5 (1156)	45.5 (1156)	45.5 (1156)	45.5 (1156)
Shipping Weight — No Fuel – lb (kg)	794 (360)	1,102 (500)	2,020 (916)	2,020 (916)	2,265 (1027)	2,603 (1180)
Working Weight — With Fuel – lb (kg)	840 (381)	1,190 (540)	2,216 (1005)	2,216 (1005)	2,460 (1116)	2,798 (1269)

#### INSTRUMENTATION

Designed for operator ease, Ingersoll Rand utility air compressors are equipped with full instrumentation for optimum visibility (John Deere-powered models only) and a glow plug for easier engine starting.

#### STANDARD INSTRUMENTS (P130WJDU – P250WJDU)

- 4-in-1 gauge showing discharge air temperature, engine oil pressure, engine temperature, and voltmeter
- Discharge air pressure gauge ■ Fuel level ■ Hour meter ■ Low battery and low fuel indicator lamps

#### OPTIONAL INSTRUMENTS (P130WJDU – P250WJDU)

- Tachometer ■ Shutdown diagnostic panel

#### OPTIONAL EQUIPMENT (P130WJDU – P250WJDU)

- 3 kW generator (not available on P130WJDU) ■ 120-amp alternator (P250WJDU only) ■ Electric fuel pump ■ Fuel tank strainer
- Separator element maintenance indicator ■ Air filter restriction indicators ■ Air intake safety element ■ Low fuel shutdown ■ Ether starting aid
- Auxiliary engine crank pulley sheave ■ 30 bhp auxiliary drive (P185WJDU and P250WJDU only) ■ Engine block heater ■ 1,000 CCA battery
- Spark arrestor ■ Exhaust rain cap ■ Gauge and control lighting ■ Dual pressure regulation system ■ Electric start-run valve ■ Keyed start switch
- Minimum pressure check valve ■ OSHA valve ■ Valving for central drain system ■ 100' electric-rewind hose reel (side- or top-mount)
- Vandal resistance package ■ Key lock doors

\*Generator and hose reel options will increase length.

Product improvement is a continuing goal at Ingersoll Rand. Designs and specifications are subject to change without notice or obligation. Ingersoll Rand air compressors are not designed, intended, or approved for breathing air. Compressed air should not be used for breathing air applications under any circumstances.

Nothing contained in this brochure is intended to extend any warranty or representation, expressed or implied, regarding the products described herein. Any such warranties or other terms and conditions of sale shall be in accordance with Ingersoll Rand standard terms and conditions of sale for such products, which are available upon request.

### Solid design, easy maintenance

Ingersoll Rand structural components are built for rugged durability, which means longer life, less maintenance, and more money in your pocket.

### Quiet operation

Low noise levels accommodate various jobsite surroundings and meet all EPA requirements.

### Unmatched rotor accuracy

Rotary screws are the heart of the airend, so their profiles directly influence the performance of the compressor. Our seven-step rotor manufacturing process results in unmatched rotor profile accuracy and repeatability. This translates directly into high airend efficiency and reliability.

### PRO•TEC advantages

PRO•TEC compressor fluid is specially formulated to maximize airend performance and provide overall protection for airend bearings and component parts. PRO•TEC fluid offers excellent low-temperature performance and superior lubricating film strength. Whether you're operating in normal or severe conditions, PRO•TEC compressor fluid provides ample lubrication. All new Ingersoll Rand compressors are factory-filled with PRO•TEC compressor fluid to provide immediate protection.



Experience the power of Ingersoll Rand construction and road building equipment, industry-leading support, and service. Whatever your job, Ingersoll Rand has the solution from pavers and compactors, portable air compressors, light towers and generators, earthmoving equipment, material handlers, concrete equipment to attachments. Running a successful business takes more than powerful equipment. That's why Ingersoll Rand partners with an experienced global dealer network to stand beside you every step of the way.

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