

P65– P250

Utility Air Compressors



Doosan Infracore
Portable Power



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Leading the industry with precision machining and unmatched reliability

As the world's leading manufacturer of Ingersoll Rand portable compressors, Doosan Infracore Portable Power 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, our compressors continue to offer the highest level of durability, productivity and serviceability.



Designed for optimum versatility

The P185WJDU – P250WJDU compressors can be equipped with a variety of options, including a 30 bhp auxiliary drive and engine crank sheave.

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 our compressors, 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 PRO•TEC™ lubricant and genuine parts offered through your authorized Doosan Infracore Portable Power dealer when replacing filters and separator elements at the prescribed intervals.



Compact and lightweight

The P90WIRU and P65WKU offer easy access to all major components.

Solid design, easy maintenance

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

	Model	P65WKU	P90WIRU	P185WJDU	P250WJDU
Compressor Oil-Flooded Rotary Screw / Single-Stage	Free-Air Delivery – cfm (m ³ /min)	65 (1.8)	90 (2.6)	185 (5.2)	250 (7.1)
	Rated Operating Pressure – psig (bar)	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)
	Air Discharge Outlet NPT Size – in (mm)	0.75 (19.0)	0.75 (19.0)	0.75 (19.0)	0.75 (19.0)
	Air Discharge Outlet Quantity	2	2	2	2
Engine – Diesel	Make	Kubota	Ingersoll Rand	John Deere	John Deere
	Model	D1005	3IRH2NS	4045D	4045D
	Number Of Cylinders	3	3	4	4
	Displacement – cu in (L)	61.1 (1.0)	81.2 (1.3)	275 (4.5)	275 (4.5)
	Rated Speed – rpm	3000	2800	2500	2300
	Idle Speed – rpm	2000	1700	1700	1700
	bhp (kW) @ Rated Speed	23.5 (17.5)	28.4 (21.2)	80 (59.7)	78 (58.2)
	Electrical – V	12	12	12	12
	Engine Oil Capacity – gal (L)	1.2 (4.5)	1.3 (5.2)	2.5 (9.5)	2.5 (9.5)
	Radiator Coolant Capacity – gal (L)	1.1 (4)	1.3 (5)	3.6 (13.6)	3.6 (13.6)
Dimensions*	Fuel Tank Capacity – gal (L)	6.9 (26)	13.2 (50)	28 (106)	28 (106)
	Length – in (mm)	62.2 (1580)	70.1 (1780)	85.3 (2165)	85.3 (2165)
	Width – in (mm)	37.6 (955)	37 (940)	33.3 (845)	33.3 (845)
	Height – in (mm)	37.2 (944)	45.7 (1160)	53.1 (1350)	53.1 (1350)
	Shipping Weight – No Fuel – lb (kg)	794 (360)	1102 (500)	2265 (1027)	2603 (1180)
	Working Weight – With Fuel – lb (kg)	840 (381)	1190 (540)	2460 (1116)	2798 (1269)

* Generator and hose reel options will increase length.

Instrumentation

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

Standard Instruments (P185WJDU – 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 (P185WJDU – P250WJDU)

- Tachometer
- Shutdown diagnostic panel

Optional Equipment (P185WJDU – P250WJDU)

- 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
- 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-resistant package
- Key lock doors



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Experience Doosan Infracore Portable Power and our industry-leading support and service. Whatever the job, Portable Power has the solution. From our comprehensive range of Ingersoll Rand air compressors, lighting systems and generators to our rugged and reliable light compaction and concrete equipment, we have a solution to fit your needs. Running a successful business takes more than powerful equipment. That's why Portable Power partners with an experienced global dealer network to stand beside you every step of the way. Portable Power — more than 100 years of providing excellence.

(877) 472-7263

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