

C185

Portable Air Compressor



Ingersoll Rand

C185



Doosan Infracore
Portable Power



Doosan Portable Power offers power and value in the C185

The C185 portable compressor features the industry's most reliable airend. Combining advanced engineering with our most cost-effective features, the C185 offers an innovative compressor that provides the ultimate in serviceability, durability and convenience — all within your budget. C185 compressors provide efficient, reliable performance, day after day.



One source brings it all together



Lower operating costs

Compact design and smaller footprint make these compressors easier to tow and more maneuverable in tight areas. Aerodynamic design conserves fuel during towing.



Cool-box airflow

Cool air enters through the rear and washes over internal components, keeping temperatures low and prolonging component life.



C185 is ideal for two-tool applications

The C185 is designed to provide all the power you need. With an output of 185 cfm and a pressure range of 80 – 125 psig, the C185 is an exceptional value that allows you to meet even the toughest jobsite demands.



Curbside controls and service valves

Keeps operators away from traffic for added safety. One-handed startup, even with work gloves. The control panel is accessible and operational with the canopy open or closed.



Corrosion-resistant

These compressors utilize engineered composite materials and a three-step paint process to provide high corrosion resistance and ensure longer life of the unit. The fenders, bumper and canopy are engineered with high-

strength plastic. The three step paint process on the frame and tow bar includes a micro-zinc phosphate pretreatment, epoxy e-coat primer base and polyurethane powder topcoat.

Available Options (factory installed)

- Less running gear
- 2" and 2.31" ball hitch
- Electric brakes
- Less towing lights
- 1,000 CCA battery
- Engine block heater
- Air filter maintenance indicators
- Minimum pressure valves
- Central drains
- Rear bumper
- Internal 25' hose reel
- Inline oiler for use with hose reel in 1- or 2-quart sizes
- Diagnostic lights include water, oil, alternator, A/E temperature and low fuel (available with full gauge panel only)
- Full gauge panel includes fuel, oil pressure, oil temperature, battery voltage, A/E discharge temperature and tachometer
- Drawbar mounted toolbox



High performance, matched only by its value and efficiency



A Remote separator element

Simple, spin-on design eliminates the need to enter separator tank and prevents spillage during oil changes.

B Convenient toolbox

Large, low point-of-entry toolbox can easily accommodate tools and commonly used accessories.

C New single-piece canopy design

The lockable canopy, made of a composite material, is lightweight, aerodynamic and virtually indestructible.

D Full access canopy

2-position gas springs allow the canopy to open to one position for routine checks, inspection, and service, and a full-open position for access to all components for more involved service and maintenance.

E Enhanced mobility

These compressors offer go-anywhere mobility with torsional running gear, a heavy-duty 7-gauge steel frame, 54-inch track width, a fuel tank balanced over the wheels and road-ready running gear and lights.

Safety features

- Starter protection prevents the starter from being engaged while running
- Auto shutdowns for high discharge air temperatures, high engine temperatures, and low engine oil pressure
- Self priming fuel system in case the fuel tank runs dry
- Standard fuel/water separator
- Control module simplifies wiring and improves reliability by removing several electrical relays, and efficient wrapping of wiring reduces wiring failures

	Model	C185
Compressor Rotary Screw / Single-Stage	Free-Air Delivery – cfm (m ³ /min)	185 (5.24)
	Rated Operating Pressure – psig (bar)	100 (6.9)
	Pressure Range – psig (bar)	80 – 125 (5.5 – 8.6)
	Air Discharge Outlet Size – in (mm)	0.75 (19)
	Air Discharge Outlet Quantity	2
	Fuel Tank Capacity – gal (L)	21 (79)
Engine	Make/Model	Kubota/V2403N
	Number Of Cylinders	4
	Displacement – cu in (L)	147 (2.4)
	Rated Speed – rpm	2600
	Idle Speed – rpm	1700
	Bhp @ Rated Speed (kW)	49 (36.6)
	Electrical	12 V
	Hours of Operation @ Full Load	8
Dimensions with Running Gear	Length – in (mm)	133.7 (3396)
	Width – in (mm)	61.7 (1567)
	Height – in (mm)	63 (1600)
	Track Width – in (mm)	54 (1372)
	Tire Size – in	13
	Shipping Weight – No Fuel – lb (kg)	1928 (874)
Working Weight – w/ Fuel – lb (kg)	2077 (942)	
Dimensions without Running Gear	Length – in (mm)	76.5
	Width – in (mm)	46.5 (1180)
	Height – in (mm)	53.5 (1359)
	Shipping Weight – No Fuel – lb (kg)	1828 (829)
	Working Weight – w/ Fuel – lb (kg)	1977 (897)



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Experience Doosan Portable Power and our industry-leading support and service. Whatever the job, we have the solution. From our comprehensive range of Ingersoll Rand branded air compressors, lighting systems and generators to our rugged and reliable light compaction 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. Doosan Portable Power — more than 100 years of providing excellence.

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Warranty

Standard Warranty:

1-year/2,000-hour bumper to bumper

Engine: 2-year/4,000-hour

Airend: 2-year/4,000-hour

Extended Warranty:

5-year/10,000-hour on the powertrain which includes the engine, coupling, and airend with the use of Doosan filters and fluids at prescribed intervals and maintain service records and proof of purchase

Doosan Infracore Portable Power air compressors are not designed, intended or approved for breathing air. Compressed air should not be used for breathing air applications under any circumstances.

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