



185 cfm Series | Portable Air Compressors



Portable Power

Durability and performance for outstanding profitability

Available in a variety of configurations, our P185 compressors are designed to increase both productivity and profits. With the industry's largest tool storage system, high-capacity fuel tanks and plenty of options, these powerful units offer the performance and serviceability you need to complete the most difficult tasks with the greatest efficiency.

P185 performance features

- Three-position, adjustable pintle eye to accommodate a wide array of vehicle hitches
- Deep, full-length toolbox for quick, convenient storage
- Folding A-frame drawbar with heavy-duty safety chains and hooks for easy vehicle attachment and stability while towing
- Heavy-duty, independent rubber-torsion suspension running gear with high ground clearance and 15" wheels for less shock transferred to internal components
- Large, translucent fuel tank for extended runtimes
- Lockable side doors with pneumatic lift springs and no-rust aluminum hinges provide excellent access for servicing
- Spin-on oil separation system for the easiest maintenance in the industry
- Engine and airend diagnostic module for easy maintenance and service
- Rear access panel for cleaning heat exchangers
- Corrosion-resistant galvanized steel enclosure now standard



A fully redesigned control panel

Equipped with LED backlit gauges, a digital screen and push button for engine start, our new control panel allows the user to see selected engine and airend temperatures and pressure as well as features such as engine load and all trouble codes. (Standard on the P185 and C185)



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
- Electric lift pump makes priming as simple as the push of a button
- Standard fuel/water separator

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.

C185 performance features

- **Lower operating cost** - Compact design and smaller footprint make these compressors easier to tow and more maneuverable in tight areas.
- **Cool-box airflow** allows cool air to enter through the rear and wash over internal components, keeping temperatures low and prolonging component life.
- **Designed for two tool application** - The C185 is designed to provide all the power you need. With an output of 185 cfm at 100 psi, 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.
- 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 and canopy are engineered with high-strength plastic. The three step paint process on the frame and tow bar includes a microzinc phosphate pretreatment, epoxy e-coat primer base and TGIC polyester powder topcoat.



① Remote separator element

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

② Convenient toolbox

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

③ 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.

④ Single-piece canopy design

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

⑤ Superior 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.



Doosan Portable Power air compressors have the most options available in the market

Factory installed

- 1,000 CCA battery
- 2" or 2-5/16" ball hitch
- 85" drawbar (P185 only)
- Amber roof light, revolving or strobe (P185 only)
- Drawbar-mounted hose reel with 100' capacity for 3/4" (19 mm) ID hose, single or double reel with OSHA valve(s) (P185 only)
- Drawbar mounted toolbox (C185 only)
- Dual hose reels (C185 only)
- Electric brakes
- Engine block heater
- Fuel level display
- Fuel tank strainer (P185 only)
- Less running gear
- Inline oiler for use with hose reel in 2-quart size
- Minimum pressure valve
- Rear bumper
- Rear drop leg (requires optional rear bumper) (P185 only)



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Model	C185WDZ-T4F	P185WDZ-T4F
COMPRESSOR ROTARY SCREW/SINGLE-STAGE		
Free-Air Delivery – cfm (m3/min)	185 (5.2)	185 (5.2)
Rated Operating Pressure – psig (bar)	100 (6.9)	100 (6.9)
Pressure Range – psig (bar)	80 – 125 (5.5 – 8.6)	80 – 125 (5.5 – 8.6)
Air Discharge Outlet Size – in (mm)	0.75 (19)	0.75 (19)
Air Discharge Outlet Quantity	2	2
Fuel Tank Capacity – gal (L)	21 (79)	27 (102)
ENGINE		
Make/Model	Duetz D2.9	Duetz D2.9
Emissions Tier Level	Tier 4 Final (T4F)	Tier 4 Final (T4F)
Number of Cylinders	4	4
Displacement – cu in (L)	177 (2.9)	177 (2.9)
Rated Speed – rpm	2600	2600
Idle Speed – rpm	1700	1700
Bhp @ Rated Speed (kW)	49 (36.6)	49 (36.6)
Electrical - volts	12	12
Hours of Operation @ Full Load	7	9
DIMENSIONS WITH RUNNING GEAR		
Length – in (mm)	133.7 (3396)	137.6 (3494)
Width – in (mm)	61.7 (1567)	68.5 (1740)
Height – in (mm)	63 (1600)	66 (1676)
Track Width – in (mm)	54 (1372)	59 (1499)
Tire Size – in	13	15
Shipping Weight – w/o fuel – lb (kg)	2065 (937)	2329 (1056)
Working Weight – w fuel – lb (kg)	2215 (1005)	2473 (1122)
DIMENSIONS WITHOUT RUNNING GEAR		
Length – in (mm)	76.5 (1943)	88 (2235)
Width – in (mm)	46.5 (1180)	49.3 (1252)
Height – in (mm)	53.5 (1359)	58 (1473)
Shipping Weight – w/o fuel – lb (kg)	1866 (846)	2104 (954)
Working Weight – w fuel – lb (kg)	2015 (914)	2248 (1020)

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.

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.



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