



Doosan Infracore Portable Power

375 – 600 cfm | Portable Air Compressors



Committed to your productivity

Doosan Portable Power makes your productivity a priority. With pressure ratings from 100 to 150 psig, and capacities of 375 and 425 cfm, these air compressors are built with the power you need, whatever the application.

Model	XP375WJD	HP375WJD	P425WJD
COMPRESSOR ROTARY SCREW/SINGLE-STAGE			
Free-air delivery – cfm (m ³ /min)	375 (10.6)	375 (10.6)	425 (12)
Rated Operating Pressure – psi (bar)	125 (8.6)	150 (10.3)	100 (7.0)
Pressure Range – psi (bar)	80 – 150 (5.5 – 10.3)	80 – 175 (5.5 – 12.1)	80 – 125 (5.5 – 8.6)
Air Discharge Outlet NPT Size – in (mm)	1.25 (31.8)	1.25 (31.8)	1.25 (31.8)
Air Discharge Outlet – qty x size (in)	1 x 1.25	1 x 1.25	1 x 1.25
ENGINE			
Make/Model	John Deere/4045H	John Deere/4045H	John Deere/4045H
Emissions Tier Level	Tier 3	Tier 3	Tier 3
Number of Cylinders	4	4	4
Displacement – cu in (L)	276 (4.5)	276 (4.5)	276 (4.5)
Rated Speed – rpm	2200	2200	2200
Idle Speed – rpm	1500	1500	1500
Bhp @ Rated Speed	125	125	125
Electrical – volts	24	24	24
Engine Oil Capacity – gal (L)	3.5 (13.2)	3.5 (13.2)	3.5 (13.2)
Radiator Coolant Capacity – gal (L)	4.5 (17.0)	4.5 (17.0)	4.5 (17.0)
Fuel Tank Capacity – gal (L)	60 (227)	60 (227)	60 (227)
DIMENSIONS WITH RUNNING GEAR			
Length – in (mm)	158.3 (4021)	158.3 (4021)	158.3 (4021)
Width – in (mm)	78.1 (1984)	78.1 (1984)	78.1 (1984)
Height – in (mm) ADD 5" (127 MM) FOR LIFT BAIL	68 (1727)	68 (1727)	68 (1727)
Track Width – in (mm)	66.2 (1681)	66.2 (1681)	66.2 (1681)
Shipping Weight w/o FUEL – lb (kg)	4173 (1892)	4173 (1892)	4173 (1892)
Working Weight w/FUEL – lb (kg)	4593 (2083)	4593 (2083)	4593 (2083)
Tire Size	15	15	15
DIMENSIONS WITHOUT RUNNING GEAR			
Length – in (mm) ADD 6" – 8" (152 – 203 MM) FOR SERVICE VALVE	104 (2642)	104 (2642)	104 (2642)
Width – in (mm)	60 (1524)	60 (1524)	60 (1524)
Height – in (mm) ADD 5" (127 MM) FOR LIFT BAIL	56.8 (1442)	56.8 (1442)	56.8 (1442)
Shipping Weight w/o FUEL – lb (kg)	3861 (1751)	3861 (1751)	3861 (1751)
Working Weight w/FUEL – lb (kg)	4281 (1941)	4281 (1941)	4281 (1941)

Performance features

- Automatic shutdown protection with indicator lights for high discharge air temperature, low engine oil pressure, high engine coolant temperature and low fuel level
- Electric brakes with towing lights, side markers and reflectors
- External, single-point lifting bail for easy hoisting
- Full-length, lockable side doors with pneumatic lift springs provide easy opening and excellent access for serviceability
- Heavy-duty, A-frame drawbar with adjustable pintle eye and safety chains provide easy vehicle attachment and stability while towing
- **Optional onboard aftercoolers and coalescing filters**
The IQ System® option for the 375 cfm model includes an internal aftercooler that provides an approach temperature of 20°F, as well as a water separator and dual particulate coalescing filters for cleaner, Instrument Quality air. This system eliminates condensate waste.

Available options (factory installed)

- Tachometer
- Front panel air filter maintenance indicator warning light
- Keyed ignition
- Dual pressure regulation (not available on P425 model)
- 100' single or 100' double hose reels, with or without hose or OSHA valves
- Eight-position, adjustable pintle eye or ball hitch attachment, 19" to 33" in 2" increments
- Pneumatic third wheel attached to drawbar in addition to standard screw jack with padfoot
- Parking brake
- Less running gear with central drains
- Entire enclosure constructed of galvanized sheet metal for improved corrosion protection
- Three ¾" NPT discharge valves



Heavy-duty reliability and productivity

Rely on improved corrosion resistance with galvanized sheet metal on the front panel and a three-step paint process over the entire enclosure. Doosan Portable Power portable air compressors deliver heavy-duty dependability and automatic safety features, plus a unique cool-box design that helps prolong component life.

Model	VHP400WJD	HP450WJD	P600WJD
COMPRESSOR ROTARY SCREW/SINGLE-STAGE			
Free-air delivery – cfm (m ³ /min)	400 (11.3)	450 (12.7)	600 (16.9)
Rated Operating Pressure – psi (bar)	200 (13.8)	150 (10.3)	100 (6.9)
Pressure Range – psi (bar)	80 – 225 (5.5 – 15.5)	80 – 175 (5.5 – 12.1)	80 – 125 (5.5 – 8.6)
Air Discharge Outlet – qty x size (in)	1 x 2	1 x 2	1 x 2
ENGINE			
Make/Model	John Deere/6068H	John Deere/6068H	John Deere/6068H
Emissions Tier Level	Tier 3	Tier 3	Tier 3
Number of Cylinders	6	6	6
Displacement – cu in (L)	414 (6.8)	414 (6.8)	414 (6.8)
Rated Speed – rpm	2200	2200	2200
Idle Speed – rpm	1500	1500	1500
Bhp @ Rated Speed	173	173	173
Electrical – volts	24	24	24
Engine Oil Capacity – gal (L)	8.6 (32.5)	8.6 (32.5)	8.6 (32.5)
Radiator Coolant Capacity – gal (L)	7.0 (26.5)	7.0 (26.5)	7.0 (26.5)
Fuel Tank Capacity – gal (L)	73 (276)	73 (276)	73 (276)
DIMENSIONS WITH RUNNING GEAR			
Length – in (mm)	170 (4318)	170 (4318)	170 (4318)
Width – in (mm)	78.1 (1984)	78.1 (1984)	78.1 (1984)
Height – in (mm) ADD 5" (127 MM) FOR LIFT BAIL	76 (1930)	76 (1930)	76 (1930)
Track Width – in (mm)	66.2 (1681)	66.2 (1681)	66.2 (1681)
Shipping Weight w/o FUEL – lb (kg)	5133 (2328)	5133 (2328)	5133 (2328)
Working Weight w/FUEL – lb (kg)	5644 (2560)	5644 (2560)	5644 (2560)
Tire Size	16	16	16
DIMENSIONS WITHOUT RUNNING GEAR			
Length – in (mm) ADD 6" – 8" (152 – 203 MM) FOR SERVICE VALVE	117 (2972)	117 (2972)	117 (2972)
Width – in (mm)	61 (1549)	61 (1549)	61 (1549)
Height – in (mm) ADD 5" (127 MM) FOR LIFT BAIL	56.9 (1443)	56.9 (1443)	56.9 (1443)
Shipping Weight w/o FUEL – lb (kg)	4565 (2070)	4565 (2070)	4565 (2070)
Working Weight w/FUEL – lb (kg)	5000 (2268)	5000 (2268)	5000 (2268)

Performance features

- Electric brakes with towing lights, side markers and reflectors for additional safety during transport
- Heavy-duty screw jack
- External, single-point lifting bail for easy hoisting
- Heavy-duty A-frame drawbar with adjustable pintle eye and safety chains provide easy hookup to vehicle and stability while towing
- Full-length lockable side doors with pneumatic lift springs for easy opening and access for serviceability
- Automatic shutdown protection with indicator lights for high discharge air temperature, low engine oil pressure, high engine coolant temperature and low fuel level
- **Optional onboard aftercoolers and coalescing filters**
The IQ System option for the 400 to 450 cfm (11.3 to 12.7 m³/min) includes an internal aftercooler that provides an approach temperature of 20°F, as well as a water separator and dual particulate coalescing filters for cleaner, Instrument Quality air. This system eliminates condensate waste and is available on the VHP400WJD and HP450WJD. This system is not available on P600WJD.

Available options (factory installed)

- Single or double hose reels with or without hose or OSHA valves
- Adjustable pintle eye or ball hitch attachment, 19" to 33" in 2" increments
- Keyed ignition
- Less running gear with central drains
- Tachometer
- Four-in-one combo gauge: engine temperature; volt meter; engine oil pressure; discharge air temperature
- Air filter service indicator warning light on the panel
- Parking brake
- Dual pressure regulation (not available on P600 model)
- Pneumatic third wheel attached to drawbar in addition to the standard screw jack with padfoot
- Entire enclosure constructed of galvanized sheet metal for improved corrosion protection
- Pivoting lifting bail for greater security
- Three ¾" NPT discharge valves



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.

More than compressors



Experience Doosan Portable Power and our industry-leading support and service. Whatever the job, we have the solution. From our comprehensive range of 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 Doosan 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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