



750 – 1600 cfm | Low Pressure Air Compressors



Portable Power

The tradition of rugged reliability continues

The 750–1600 cfm T4i compressors from Doosan Portable Power continue in the tradition of producing the most rugged and reliable portable power products. Our portable air compressors are built for long-term use and provide maximum productivity. These are expertly crafted with galvanneal sheet metal enclosures for ultimate corrosion resistance. Our compressors, now Tier 4 compliant, produce the lowest total cost of ownership of any portable air compressors on the market. With a worldwide service and support network that is there when you need it, Doosan Portable Power air compressors are the right choice to get the job done.

Performance features

all models

- Full colored digital display
- LED backlit instrument panel
- On board E-reader with pre-loaded manual set
- WiFi connection for remote control panel viewing on mobile device
- 1-year/2,000-hour package warranty
- 2-year/4,000-hour warranty airen standard
- Easy maintenance of coolers, filters, and fluids
- Microprocessor-controlled engine with optimal compressor performance and diagnostics
- Easy maintenance of coolers, filters and fluids
- 500-hour engine oil/1,000-hour airend oil service
- Automatic safety shutdowns for high discharge air temperature, low engine oil pressure, high engine coolant temperature and low fuel level
- Galvanneal sheet metal enclosure for ultimate corrosion protection
- Easy maintenance of coolers, filters and fluids
- Construction-grade pedestal jack stand
- Slam latch handles with padlock provisions



HP750-XP825

Performance features

- Fuel/water separator as primary filtration
- Heavy-duty 14-gauge fenders
- Heavy-duty A-frame detachable drawbar with adjustable-height pintle eye
- External lifting eye for single point lifting

HP750-XP825

Available options (factory installed)

- Aftercooler plus water separator with 20 degree F approach temperature
- Remote drains for single-point fluid maintenance
- Cold start kit includes engine block, engine oil pan and battery heaters
- Dual pressure regulation: HP units available with 100/150 psi; XP units available with 100/125 psi
- Hydraulic surge brakes with three-position hitch (subject to local DOT regulations)
- IQ System® aftercooler plus particulate and coalescing filters with patented condensate disposal system for cleaner, Instrument Quality air
- Less running gear includes isolation mounts for truck, trailer or permanent pad installation, as well as central drains
- Multiple air outlets: (1) 2" and (2) 1-1/4" valves

Applications:

- General construction
- Mining
- Abrasive blasting

Available options

all models

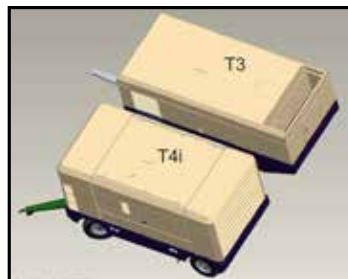
- Aftercooler with water separator with 20 degree F approach temperature
- Cold start kit includes engine block, engine oil pan and battery heaters
- IQ System® aftercooler plus particulate and coalescing filters with a patented condensate disposal system for cleaner, Instrument Quality air

Model	HP750WCU	XP825WCU	HP915WCU	XP1000WCU	HP1600WCU
COMPRESSOR					
Free-Air Delivery – cfm (m ³ /min)	750 (21.2)	825 (23.4)	915 (25.9)	1000 (28.3)	1600 (45.3)
Rated Operating Pressure – psi (bar)	150 (10.3)	125 (8.6)	150 (10.3)	125 (8.6)	150 (10.3)
Pressure Range – psi (bar)	80 – 175 (5.5 – 12.1)	80 – 150 (5.5 – 10.3)	80 – 175 (5.5 – 12.1)	80 – 150 (5.5 – 10.3)	80 – 150 (5.5 – 10.3)
Air Discharge Outlet NPT Size – in (mm)	2-inch NPT	2-inch NPT	2 (50.8)	2 (50.8)	3 (76.2)
Air Discharge Outlet Quantity	1	1			1 (2 with IQ)
ENGINE					
Engine Make/Model	Cummins/QSB6.7	Cummins/QSB6.7	Cummins/QSL9	Cummins/QSL9	Cummins/QSX15
Emissions Tier Level	Tier 4 Final (T4F)	Tier 4 Final (T4F)	Tier 4 interim (T4i) / Stage 3B	Tier 4 interim (T4i) / Stage 3B	Tier 4 interim (T4i) / Stage 3B
# of Cylinders	6	6	6	6	6
Displacement – cu in (L)	408 (6.7)	408 (6.7)	543 (8.9)	543 (8.9)	912 (14.9)
Rated Speed – rpm	2000	2000	1800	1800	1800
Idle Speed – rpm	1300	1300	1200	1200	1200
Bhp @ Rated Speed (kW)	270 (201)	270 (201)	305 (228)	305 (228)	580 (433)
Electrical – volts	24 V	24 V	24 V	24 V	24 V
Altitude Capability – ft (m)	12000 (3658)	12000 (3658)	6536 (1992)	6536 (1992)	10000 (3048)
Fuel Consumption @ 100% Load – gph (L/hr)	11.4 (43)	11.4 (43)	15.1 (57.2)	15.4 (57.2)	23.4 (88.6)
Runtime @ 100% Load – hrs	8.75	8.75	8.5	8.5	8.5
Fuel Tank Capacity – gal (L)	100 (379)	100 (379)	128 (485)	128 (485)	198 (749)
DEF Consumption @ 100% Load – gph (L/hr)	0.4 (1.5)	0.4 (1.5)			
DEF Runtime @ 100% Load – hrs	20.5	20.5			
DEF Tank Capacity – gal (L)	8.2 (31)	8.2 (31)			
DIMENSIONS WITH RUNNING GEAR					
Overall Length – in (mm)	204 (5182)	204 (5182)	226 (5748)	226 (5748)	293 (7442)
Overall Width – in (mm)	91 (2311)	91 (2311)	83 (2098)	83 (2098)	90 (2290)
Overall Height – in (mm) excluding exh pipe	89 (2261)	89 (2261)	98 (2482)	98 (2482)	103 (2616)
Track Width – in (mm)			68 (1732)	68 (1732)	71 (1803)
Shipping Weight w/o fuel – lb (kg)	9000 (4100)	9000 (4100)	10499 (4761)	10499 (4761)	18610 (8441)
Working Weight w/ fuel – lb (kg)	9600 (4350)	9600 (4350)	11382 (5162)	11382 (5162)	19960 (9054)
DIMENSIONS WITHOUT RUNNING GEAR					
Overall Length – in (mm)	152 (3871)	152 (3871)	171 (4343)	171 (4343)	227(5766)
Overall Width – in (mm)	81 (2057)	81 (2057)	83 (2108)	83 (2108)	90 (2290)
Overall Height – in (mm)	79 (2007)	79 (2007)	91 (2322)	91 (2322)	98 (2497)
Shipping Weight w/o fuel – lb (kg) est.	8200 (3720)	8200 (3720)	8716 (3954)	8716 (3954)	17200(7800)
Working Weight w/ fuel – lb (kg) est.	8800 (4000)	8800 (4000)	10699 (4853)	10699 (4853)	18600(8435)

HP915 – XP1000

Performance features

- Best in class service access
- Super compact design
- Central fluid drains
- Drop down side access doors
- Access ladder
- Reduced machine length by over 1 foot from previous models



HP915 – XP1000

Available options (factory installed)

- Aftercooler plus water separator with 20 degree F approach temperature
- Cold start kit includes engine block, engine oil pan and battery heaters
- Dual pressure regulation: HP units available with 100/150 psi; XP units available with 100/125 psi
- IQ System® aftercooler plus particulate and coalescing filters with patented condensate disposal system for cleaner, Instrument Quality air
- Less running gear includes isolation mounts for truck, trailer or permanent pad installation, as well as central drains



The tradition of rugged reliability continues

1600 cfm compressors from Doosan Portable Power continue to be in a class of their own. They have easy-to-maintain coolers that ensure high performance in demanding conditions, heavy-duty tandem-axle running gear for highway towing with an exclusive extended-life slipper spring system and a cool-box design that prolongs component life while eliminating long cool-down periods. Our portable compressors are built for long-term use and maximum productivity. All Doosan Portable Power products have galvanneal sheet metal enclosures for ultimate corrosion resistance. Our compressors, now Tier 4 iterim compliant, have the lowest total cost of ownership when compared to other units on the market with a worldwide service and support network that is there with you during every stage of the compressor's life cycle.

HP1600

Performance features

- 110% fluid containment environmental frame
- Heavy-duty A-frame detachable drawbar with adjustable pintle eye
- 1/2" safety chains with grade 70 hooks
- Fuel/water separator as primary filtration
- Large, powerful 1,400 CCA batteries
- Secured lifting eye with interior release pin

HP1600

Available options (factory installed)

- Automatic engine/oil replenishment system
- Automatic start/stop controller with remote start
- Emergency stop
- Less running gear includes isolation mounts for truck, trailer or permanent pad installation
- Low ambient system included with aftercooler blowdown, airflow control and orifice heaters for any temperature operation



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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