



750 – 1600 cfm | Portable Air Compressors



Portable Power

The tradition of rugged reliability continues

Doosan Portable Power 750 – 1600 cfm compressors continue to be in a class of their own. They have easy-to-maintain, single-wall 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. Our compressors 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.

HP750 – XP825

- 3/8" safety chains with grade 43 hooks
- 1-year/2,000-hour package warranty
- 2-year/4,000-hour warranty airtrend standard
- 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
- Backlit gauges
- Easy maintenance of coolers, filters and fluids
- Fuel/water separator as primary filtration
- Heavy-duty 14-gauge fenders
- Heavy-duty A-frame detachable drawbar with adjustable-height pintle eye
- Large, powerful 1,150 CCA batteries
- Microprocessor-controlled engine with optimal compressor performance
- Secured lifting eye with interior release pin
- Slam latch handles with padlock provisions

- Standard engine auxiliary drive provision

Available options (factory installed)

- Aftercooler plus water separator with 20 degree F approach temperature
- Central drains for single-point fluid maintenance
- Cold start kit includes engine block heaters, engine oil pan, batteries
- 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
- Multiple air outlets: (1) 2" and (3) 1-1/4" valves

Model	HP750WCU	XP825WCU	HP915WCU	HP1600WCU	
COMPRESSOR					
Free-Air Delivery – m ³ /min (cfm)	21.2 (750)	23.4 (825)	25.9 (915)	45.3 (1600)	
Rated Operating Pressure – bar (psi)	10.3 (150)	8.6 (125)	10.3 (150)	10.3 (150)	
Pressure Range – bar (psi)	5.5 – 12.1 (80 – 175)	5.5 – 10.3 (80 – 150)	5.5 – 12.1 (80 – 175)	5.5 – 12.1 (80 – 175)	
Air Discharge Outlet NPT Size – mm (in)	50.8 (2)	50.8 (2)	50.8 (2)	76.2 (3)	
Air Discharge Outlet Quantity	1	1	1	1 (2 WITH IQ)	
Compressor Oil Capacity – L (gal)	64 (17)	64 (17)	70 (18.5)	209 (55)	
ENGINE MAKE/MODEL					
	CUMMINS/QSC 8.3	CUMMINS/QSC 8.3	CUMMINS/QSL-9	CUMMINS/QSX15	
Emissions Tier Level	Tier 3	Tier 3	Tier 3	Tier 3	
# of Cylinders	6	6	6	6	
Displacement – L (cu in)	8.3 (506)	8.3 (506)	8.9 (543)	15 (915)	
Rated Speed – rpm	2000	2000	1800	1800	
Idle Speed – rpm	1200	1200	1200	1200	
(kW) Bhp @ Rated Speed	209 (280)	209 (280)	223.7 (300)	417.6 (560)	
Electrical – volts/battery qty	24/(2) 4D, 1000 CCA	24/(2) 4D, 1000 CCA	24/(2) G31, 1000 CCA	24/(2) 8D, 1300 CCA	
Engine Oil Capacity – l (qt)	19 (20)	90 (20)	22.7 (24)	84 (88)	
Radiator Coolant Capacity – L (gal)	28 (7.5)	28 (7.5)	48 (12.7)	57.5 (15.2)	
Altitude Capability – m (ft)	2134 (7000)	2134 (7000)	1829 (6000)	2438 (8000)	
Fuel – L/hr (gph)	75% LOAD 100% LOAD	44 (11.6) 50 (13.1)	44 (11.6) 50 (13.1)	50.3 (13.3) 54.9 (14.5)	73.7 (19.5) 95.3 (25.2)
Fuel Tank Capacity – L (gal)	445 (117.6)	445 (117.6)	530 (140) 416 (110) WAGON TANDEM	870 (230)	
DIMENSIONS WITH RUNNING GEAR					
Overall Length – mm (in)	4956 (195.1)	4956 (195.1)	4040 (163) WAGON 5416 (215) TANDEM	5649 (222) WAGON 7366 (290) TANDEM	
Overall Width – mm (in)	2210 (87)	2210 (87)	2007 (79)	2286 (90)	
Overall Height – mm (in) EXCLUDING EXH PIPE	2169 (85.4)	2169 (85.4)	2316 (91.2) WAGON 2233 (87.9) TANDEM	2586 (101.8) WAGON 2540 (100) TANDEM	
Track Width – mm (in)	1951 (76.8)	1951 (76.8)	1684 (66.3) WAGON 1740 (68.5) TANDEM	1819 (71.6) WAGON 1803 (71) TANDEM	
Tire Size	ST225/75D15	ST225/75D15	7.5-16LT/8-14.5LT	215/75R17.5H	
Shipping Weight w/o FUEL – kg (lb)	3800 (8400)	3800 (8400)	4250 (9370) WAGON 4300 (9480) TANDEM	7303 (16100) WAGON 7620 (16800) TANDEM	
Working Weight w/ FUEL – kg (lb)	4200 (9250)	4200 (9250)	4695 (10350) WAGON 4649 (10250) TANDEM	8069 (17790) WAGON 8387 (18490) TANDEM	
DIMENSIONS WITHOUT RUNNING GEAR					
Overall Length – mm (in)	3594 (141.5)	3594 (141.5)	3886 (153)	5649 (222.4)	
Overall Width – mm (in)	2210 (87)	2210 (87)	2007 (79)	2286 (90)	
Overall Height – mm (in)	1956 (77)	1956 (77)	2042 (80.4)	2196 (87.6) WITH SHOCK MOUNTS	
Shipping Weight w/o FUEL – kg (lb)	3450 (7650) EST.	3450 (7650) EST.	4046 (8920)	6963 (15350)	
Working Weight w/ FUEL – kg (lb)	3850 (8500) EST.	3850 (8500) EST.	4500 (9900)	7729 (17040)	



HP1600

- 110% fluid containment frame
- Microprocessor-controlled engine with optimal compressor performance and diagnostics
- Galvanneal sheet metal enclosure for ultimate corrosion protection
- Easy maintenance of coolers, filters and fluids
- Backlit gauges
- 500-hour engine oil/1,000-hour airend oil service
- Heavy-duty A-frame detachable drawbar with adjustable pintle eye
- Construction-grade pedestal jack stand
- 1/2" safety chains with grade 70 hooks
- Fuel/water separator as primary filtration
- Large, powerful 1,400 CCA batteries
- Slam latch handles with padlock provisions
- Secured lifting eye with interior release pin
- Automatic safety shutdowns for high discharge air temperature, low engine oil pressure, high engine coolant temperature and low fuel level
- 1-year/2,000-hour package warranty
- 2-year/4,000-hour warranty airend standard

Available options (factory installed)

- Aftercooler plus water separator with 20 degree F approach temperature
- Automatic engine/oil replenishment system
- Automatic start/stop controller with remote start
- Central drains for single-point fluid maintenance
- Cold start kit includes engine block, engine oil pan and battery heaters
- Emergency stop
- IQ System® aftercooler plus particulate and coalescing filters with a patented condensate disposal system for cleaner, Instrument Quality air
- 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
- SHC low temperature compressor oil

HP915

- Compact size for superior maneuverability
- Galvanneal sheet metal enclosure for ultimate corrosion protection
- High-speed running gear is standard
- Large fuel tank lasts more than 8 hours at 100% load
- Microprocessor-controlled engine increases efficiency; backlit gauges include engine temperature, hour meter, volt meter, discharge air temperature, engine oil pressure, tachometer and fuel level
- Rear steps allow easier access for refilling engine coolant

Available options (factory installed)

- Aftercooler with water separator with 20 degree F approach temperature
- Central drains for single-point fluid maintenance
- Cold-start kit includes engine block heaters, engine oil pan, batteries
- Dual pressure regulation
- Hydraulic surge breaks
- IQ System® aftercooler plus particulate and coalescing filters with patented disposal system for cleaner, drier air
- Wagon or less running gear options





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