



750 – 1050 cfm T1/T2 | Portable Air Compressors



Doosan Infracore
Portable Power

Performance for the Long Haul

With easily maintained cooler that ensure high performance in demanding conditions, tandem-axle running gear for highway towing, and a cool-box design that prolongs component life while eliminating long cool-down periods, Doosan Portable Power compressors are built for long-term durability and productivity. The heavy-duty 'A' frame detachable drawbar includes an adjustable-height pintle eye and safety chains with hooks to provide easy vehicle hook-up and more stability while towing. These models feature a standard fuel/water separator and electrical brakes with a mechanical parking brake. Plus, galvaneal sheet metal in high-corrosion areas adds to the lasting durability and increases resale value.



Model	XP750WCU	HP750WCU	XP825WCU	HP935WCU	XP1050WCU
COMPRESSOR					
Free-Air Delivery – cfm (m ³ /min)	750 (21.2)	750 (21.2)	825 (23.4)	935	1050
Rated Operating Pressure – psig (bar)	125 (8.6)	150 (10.3)	125 (8.6)	150 (10.3)	125 (8.6)
Pressure Range – psig (bar)	80 – 150 (5.5 – 10.3)	80 – 175 (5.5 – 12.2)	80 – 150 (5.5 – 10.3)	80 – 175 (5.5 – 12.2)	80 – 150 (5.5 – 10.3)
Air Discharge Outlet NPT Size – in (mm)	2.0 (50.8)	2.0 (50.8)	2.0 (50.8)	2.0 (50.8)	2.0 (50.8)
Air Discharge Outlet Quantity	1	1	1	1	1
ENGINE					
Make/Model	Cummins/6CTAA 8.3	Cummins/6CTAA 8.3	Cummins/6CTAA 8.3	Cummins/M11-335C*	Cummins/M11-335C*
Emissions Tier Level	Tier 2	Tier 2	Tier 2	Tier 1	Tier 1
Number of Cylinders	6	6	6	6	6
Displacement – cu in (L)	506 (8.3)	506 (8.3)	506 (8.3)	661 (10.8)	661 (10.8)
Rated Speed – rpm	2000	2000	2000	1800	1800
Idle Speed – rpm	1500	1500	1500	1200	1200
Bhp @ Rated Speed (kW)	257 (192)	275 (205)	275 (205)	335	335
Electrical – volts/battery qty	24V/(2) 4D, 1150	24V/(2) 4D, 1150	24V/(2) 4D, 1150	24V/(2) 4D, 1150	24V/(2) 4D, 1150
Fuel Tank Capacity – gal (L)	122 (462)	122 (462)	122 (462)	142 (538)	142 (538)
DIMENSIONS WITH RUNNING GEAR					
Overall Length – in (mm)	195.1 (4956)	195.1 (4956)	195.1 (4956)	204 (5182)	204 (5182)
Overall Width – in (mm)	87 (2210)	87 (2210)	87 (2210)	80 (2032)	80 (2032)
Overall Height – in (mm)	85.4 (2169)	85.4 (2169)	85.4 (2169)	93 (2362)	93 (2362)
Track Width – in (mm)	76.8 (1951)	76.8 (1951)	76.8 (1951)	65 (1651)	65 (1651)
Tire Size – in	ST225/75D15	ST225/75D15	ST225/75D15	LT215/85R16	LT215/85R16
Shipping Weight without Fuel – lb (kg)	7950 (3600)	7950 (3600)	7950 (3600)	9550 (4332)	9550 (4332)
Working Weight with Fuel – lb (kg)	8800 (4000)	8800 (4000)	8800 (4000)	10400 (4717)	10400 (4717)
DIMENSIONS WITHOUT RUNNING GEAR					
Overall Length – in (mm)	134 (3401)	134 (3401)	134 (3401)	152 (3861)	152 (3861)
Overall Width – in (mm)	87 (2210)	87 (2210)	87 (2210)	80 (2032)	80 (2032)
Overall Height – in (mm)	77 (1956)	77 (1956)	77 (1956)	76 (1930)	76 (1930)
Shipping Weight without Fuel – lb (kg)	7200 (3260)	7200 (3260)	7200 (3260)	8550 (3878)	8550 (3878)
Working Weight with Fuel – lb (kg)	8050 (3650)	8050 (3650)	8050 (3650)	9400 (4264)	9400 (4264)

*Engine remanufactured by Cummins and carry full factory warranty

Performance Features

- 3/8" safety chains with grade 43 hooks
- 1-year/2,000-hour package warranty
- 2-year/4,000-hour warranty airtend standard
- Automatic safety shutdowns for high discharge air temperature, low engine oil pressure, high engine coolant temperature and low fuel level
- Galvaneal 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° 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

Air compressors from Doosan Infracore Portable Power 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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