

DOOSAN

10/455 | Portable Air Compressors



STAGE IV 
TIER4FINAL

The tradition of rugged reliability continues

10/455 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, 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 our products have galvanneal sheet metal enclosures for ultimate corrosion resistance. With Doosan Portable Power, you are not just buying a piece of equipment. You are investing in the strength and expertise of Doosan Portable Power and its people. We are committed to helping you realise maximum value – job after job, day after day. We support your purchase with engineers and factory technicians, field representatives and your dealer. Wherever you see a piece of Doosan Portable Power equipment, know that all our team is behind it.

Standard features

- Full colored digital display
- Fluid containment environmental frame
- Central drains for single-point fluid maintenance
- Microprocessor-controlled engine with optimal compressor performance and diagnostics
- Easy maintenance of coolers, filters and fluids
- LED Backlit gauges
- 500-hour engine oil/1000-hour airend oil service
- Fuel/water separator as primary filtration
- Large, powerful 1300 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/2000 - hour package warranty
- 2-year/4000 - hour warranty airend standard



Options

- Aftercooler with water separator
- 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
- 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

10/455 on optional high speed tandem axle and equipped with optional IQ system.



Compressor	10/455
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General information

Free-air delivery – m ³ /min (CFM)	45.3 (1600)
Rated operating pressure – bar (psi)	10.3 (150)
Pressure range – bar (psi)	5.5 - 10.3 (80 - 150)
Air discharge outlet NPT size – in (mm)	3 (76.2)
Air discharge outlet quantity	1 (2 with AC/IQ)
Compressor oil capacity – litres	208

Engine

Engine make/model	Cummins/QSX15
Emissions level	Stage IV Final
No. of cylinders	6
Displacement – litres	14.9
Rated speed – rpm	1800
Idle speed – rpm	1200
Power - kW (hp)	433 (580)
Electrical – volts	24
Engine oil capacity – litres	45
Radiator coolant capacity – litres	98
Fuel tank capacity – litres	835
DEF tank capacity – litres	59

Dimensions (with running gear)

	Wagon	Tandem
Overall length – mm	5725/7341	7427
Overall width – mm	2290	2290
Overall height excluding exh. pipe – mm	2596	2527
Tire size	215/75R17.5H	
Shipping weight w/o fuel – kg	8290	8108
Working weight w/ fuel – kg	8827	8875

Dimensions (without running gear)

Overall length – mm	5718	5796
Overall width – mm	2290	2290
Overall height – mm	2214	2494
Shipping weight w/o fuel – kg	7863	7665
Working weight w/ fuel – kg	8399	8432

IQ/AC + 238kg

Oil replenishment + 63kg

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Specifications and design are subject to change without notice. Pictures of Doosan Portable Power products may show other than standard equipment.

