



Portable Power



7/125-10/110 & 14/90 | Portable Air Compressors



Built Smarter

At Doosan Portable Power, we know how important it is to have the right product that fits your changing needs.

With the "7/125-10/110" we offer our customers a completely new feature: "Dual Mode". With two pressure & flow ratings to choose from, this "two in one" unit offers you more operational flexibility.

In addition, the 14/90 is available for your higher pressure needs with a dual pressure switch available as an option.

Model	Stage IIIB 7/125 - 10/110	Stage IIIB 14/90
COMPRESSOR		
Free air delivery – m ³ /min (cfm)	12.0 (424) - 10.6 (374)	8.3 (293)
Rated operating pressure – bar (psig)	6.9 (100) - 10.3 (150)	13.8 (200)
INTERNAL SETTINGS		
Maximum system pressure - bar (psi)	8.6 (125) - 12.1 (175)	15.5 (225)
Safety valve setting - bar (psi)	14 (203) - 14 (203)	17 (247)
ENGINE		
Make / model	Cummins / QSB 4.5	Cummins / QSB 4.5
Emissions Tier level	Stage IIIB	Stage IIIB
Number of cylinders	4	4
Full load speed - rpm	2200 - 1950	2200
Power - kW (HP)	97 (130)	97 (130)
Electrical - volts	24	24
Cooling	Water	Water
Fuel tank capacity - litres	219 (424)	219 (424)
Air outlets - BSPT	1 x 1¼", 3 x ¾"	1 x 1¼", 3 x ¾"
DIMENSIONS WITH RUNNING GEAR		
Tyre Size	205/75R 16	205/75R 16
Number of wheels	2	2
SOUND LEVEL DATA		
Fully compliant to Outdoor Noise Directive 2000/14/EC - L _{WA}	99	99
Sound pressure @ 10 m radius - dB(A)	71	71
DIMENSIONS (WITH RUNNING GEAR)		
Overall length with fixed towbar - mm	4100 - 4158	4100 - 4158
Overall length adjustable towbar - mm	4272 - 4515	4272 - 4515
Overall width - mm	1985	1985
Height - mm	1810	1810
Ground clearance - mm	250	250
Weight (net) fixed / adj towbar - kg	2068 / 2142	2068 / 2142
Weight (working) fixed / adjustable towbar - kg	2247 / 2321	2247 / 2321
DIMENSIONS (WITHOUT RUNNING GEAR)		
Overall length - mm	2685	2685
Overall width - mm	1380	1380
Height - mm	1400	1400
Weight (net) - kg	1660	1660
Weight (working) - kg	1830	1830



Stage IIIB compliant engine using EGR and DOC (NO DPF)

Exhaust Gas Recirculation (EGR), which requires enhanced cooling capacity, reduces NOx (Nitrogen Oxides) by recirculating exhaust back into the engine. This dilutes the amount of oxygen in the combustion chamber and lowers the combustion peak temperature. As a result, NOx formation is reduced but PM (Particulate Matter) is increased. Therefore, Doosan uses EGR in combination with DOC which is highly effective in reducing PM.

The DOC (Diesel Oxidation Catalyst) is a special catalyst that reacts with engine exhaust upon contact. The reaction transforms PM emissions in the exhaust into harmless substances such as water and carbon dioxide.



You Asked, We Delivered

At Doosan Portable Power we know how important it is to get all your machines information quickly and easily. That's why we have redesigned our full gauge control panel to suit your needs.

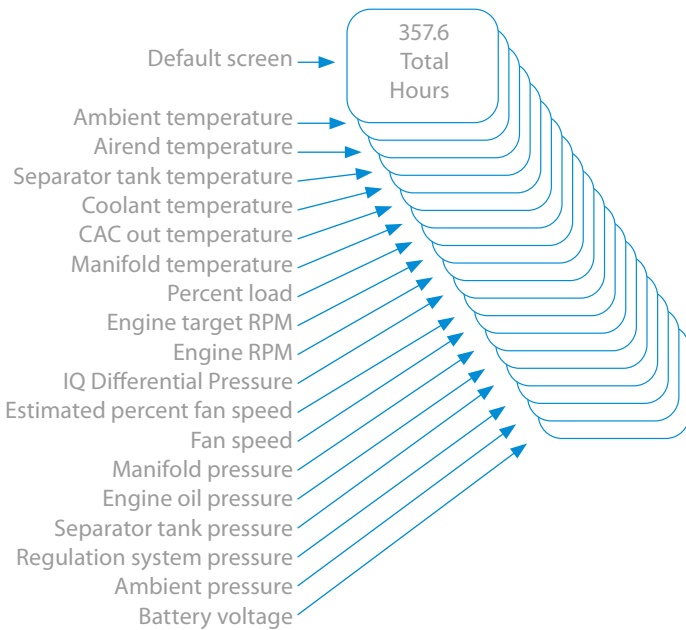
Full Gauge Panel Features

- ① Our MidPort allows the user to see selected engine and airtend temperatures and pressure as well as features such as percent fan speed and engine load.
- ② The MidPort has 3 lines with up to 11 characters per line. With this feature you can see the code number and a brief description of an alert or fault.
- ③ LED MidPort power control button has a time-out feature to prolong battery life.
- ④ We have also eliminated all switches with the addition of an 8 button key pad that allows you to start/stop, load, select hi or low pressure and scroll through the MidPort.
- ⑤ Fuel level gauge.
- ⑥ Pressure gauge.
- ⑦ Hour meter.



Graphics Display

The graphics display allows access to the machine diagnostics, presenting the following parameters.



Performance Features

- Cummins Stage IIIB engine with DOC
 - Less maintenance
 - No regeneration cycles
- LED backlit instrument cluster
- Interactive digital display
- Gauge system network
 - Hour meter (digital); possible to monitor continuously
 - Engine tachometer with display (CAN based)
 - Pressure gauge (mechanical)
 - Charging system voltage (on display)
 - Fuel level indication gauge (CAN based)
- Clutch driven cooling fan
 - Thermostatically controlled
 - Quieter
 - More fuel efficient

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.

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. From engineers and factory technicians, to field representatives and your dealer, we support your purchase. We are committed to helping you realise maximum value job after job, day after day. Wherever you see a piece of Doosan Portable Power equipment, you'll know that all of the Doosan Portable Power team is behind it.

Our industry-leading support system will help to keep your Doosan Portable Power equipment up and running for as long as you own it. Doosan Portable Power is committed to supporting each product throughout its life. We are committed to offering you an invaluable source of product information, financial service, training, technical service bulletins, service, parts and more...

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More than compressor modules



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



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