

# DOOSAN

7/124-10/104 & 14/84 & 10/124-14/114 | Portable Air Compressors



STAGE IV   
TIER4FINAL

# Built Smarter

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

Doosan introduces Stage IV compliant engines and expands the range of Dual-Mode machines. These models now offer the widest scope of air flow / pressure combinations on the market with "two in one" operational flexibility. High flow with 7 or 10 bar pressure options and two 14 bar options meet the needs of a variety of applications, all from the same platform.

For those in-between needs, the traditional option of dual pressure switch (reduction) is also available.

Model	7/124-10/104	14/84	10/124-14/114
<b>Compressor</b>			
Free air delivery – m <sup>3</sup> /min (cfm)	12.0 (425) - 10.6 (375)	8.3 (293)	12.0 (425) - 11.3 (400)
Rated operating pressure – bar (psig)	7 (100) - 10.3 (150)	13.8 (200)	10.3 (150) - 13.8 (200)
<b>Internal settings</b>			
Maximum system pressure - bar (psi)	8.6 (125) - 12.1 (175)	15.5 (225)	12.1 (175) - 15.5 (225)
Safety valve setting - bar (psi)	14 (200)	17 (250)	17 (250)
<b>Engine</b>			
Make / model	Cummins QSB 4.5	Cummins QSB 4.5	Cummins QSB 4.5
Emissions Tier level	Stage IV	Stage IV	Stage IV
Number of cylinders	4	4	4
Full load speed - rpm	2200 - 1950	2100	2350 - 2100
Power - kW (HP)	97 (130)	97(130)	122 (163)
Electrical - volts	24	24	24
Cooling	Water	Water	Water
Fuel tank capacity - litres	239	239	239
DEF tank capacity - litres	19	19	19
Air outlets - BSPT	1 x 1¼", 3 x ¾"	1 x 1¼", 3 x ¾"	1 x 1¼", 3 x ¾"
<b>Dimensions with running gear</b>			
Tyre Size	225/75 R16	225/75 R16	225/75 R16
Number of wheels	2	2	2
<b>Sound Level Data</b>			
Fully compliant to Outdoor Noise Directive 2000/14/EC - L <sub>WA</sub>	99	99	99
Sound pressure @ 10 m radius - dB(A)	71	71	71
<b>Dimensions (with running gear)</b>			
Overall length with fixed towbar - mm	4060	4060	4060
Overall length adjustable towbar - mm	4220 - 4445	4220 - 4445	4220 - 4445
Overall width - mm	1985	1985	1985
Height - mm	1830	1830	1830
Ground clearance - mm	250	250	250
Weight (net) fixed / adj towbar - kg	2240 / 2310	2240 / 2310	2240 / 2310
Weight (working) fixed / adjustable towbar - kg	2460 / 2530	2460 / 2530	2460 / 2530
<b>Dimensions (without running gear)</b>			
Overall length - mm	2760	2760	2760
Overall width - mm	1540	1540	1540
Height - mm	1537	1537	1537
Weight (net) - kg	2150	2150	2150
Weight (working) - kg	2370	2370	2370



## Stage IV compliant engines using EGR, DOC and SCR<sub>(DEF)</sub>

Doosan Portable Power utilise the very latest engine technologies to meet the most stringent Emissions requirements so far.

Exhaust Gas Recirculation (EGR) combined with the Diesel Oxidisation Catalyst (DOC) reduces Nitrogen Oxide, Carbon Monoxide, Hydrocarbons and particulates. The introduction of regenerative Selective Catalytic Reduction (SCR) with urea injection (DEF / AdBlue) & particulate filter, further converts NO<sub>x</sub> to harmless water and carbon dioxide and removes particulates.

These engines, accompanied by efficiencies in air production & cooling and with the addition of responsible design innovations, represent the Doosan drive towards a cleaner environment for all.



# 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

- ❶ 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.
- ❷ 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.
- ❸ LED MidPort power control button has a time-out feature to prolong battery life.
- ❹ We have concentrated daily operation controls to an 8 button key pad that allows you to start/stop, load, select HI pressure or LO pressure and scroll through the MidPort displays.
- ❺ Fuel level gauge.
- ❻ Pressure gauge.
- ❼ Hour meter.
- ❽ DEF level gauge.
- ❾ Regeneration control.



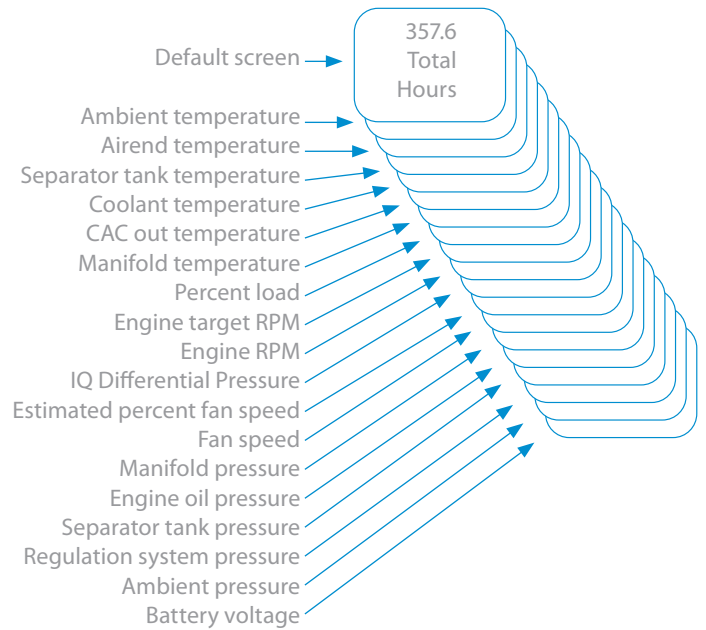
## Performance Features

- Cummins Stage IV engine
  - Cleaner environment
  - Controlled regeneration
- 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



## Graphics Display

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



The machine is fitted as standard with a bund, protecting the environment by capturing fluid spillage. Contains up to 110% of all on-board fluids and provides drains, centralised to the front panel.

# The Portable Air Compressors journey at Doosan starts here

## Peace of mind

All Doosan compressor products offer a 1 year or 2000 hours warranty. The airend carries a standard 2 years or 4000 hours warranty. Conditional on the continued use of genuine parts, fluids and filters and the machine being serviced at the correct specified intervals by an authorized Doosan Portable Power distributor, the airend warranty can be extended to 5 years or 10000 hours. This warranty option enhances the resale value through the ability to transfer the warranty from one owner to the next. Some engines can also be included in the 5 year coverage.



## Aftermarket solutions

- Dealer stocking programme for frequently-used parts
- Express availability for other parts
- Supporting you and your dealer with troubleshooting expertise on difficult service problems

## Financial solutions

Financing and leasing options tailored to meet your individual business needs. Our streamlined loan application and credit approval process can quickly make your business plans a reality.



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.

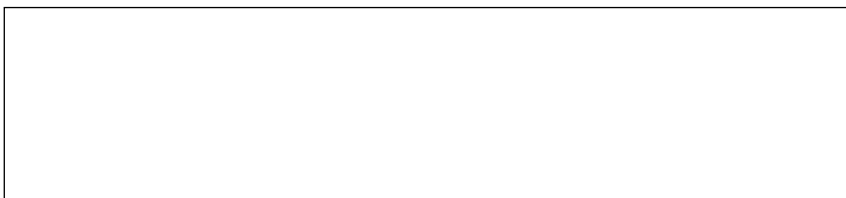
Our industry-leading support system will help to keep your Doosan Portable Power equipment up and running for as long as you own it. Doosan Portable Power is committed to supporting each product throughout its life. We are committed to offering you an invaluable source of product information, financial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

[www.doosanportablepower.eu](http://www.doosanportablepower.eu)

**More than compressors**



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



**Portable Power**

