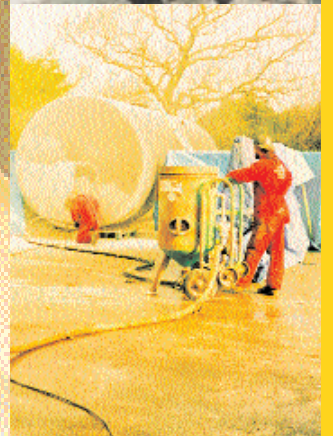




C100-C134
Portable Air Compressors



Intelligent Air Technology

Key Features

Models available with working pressures of 7,10,12 or 14 bar.

Reliable Mercedes fuel efficient engines.

Fuel tanks capacities for continuous full load working of over 8 hours.

High lift side doors and also front and rear doors for easy service access, including cooler cleaning.

Auto-shutdown systems protect machine against:

- high compressor temperature.
- high engine coolant temperature.
- low engine oil pressure.
- reduced “V” belt efficiency or generator defective.

Individually replaceable bolted steel canopy panels enable economical repair of accidental damage.

Canopy panels of galvanised steel electrostatically powder coated and enamelled at 200°C. for maximum protection from corrosion.



Large oil capacity of 42 ltrs. in compressor system for cooler running and safety margin on maintenance.

Substantial, stable jockey wheel for easy positioning.



C100 - C134

Versatile site compressors

CompAir's long experience in providing portable air compressors around the world brings you the C100 to C134 models, designed and built to withstand punishing operation in construction, civil engineering and surface mining sites.

The C100 and C134 models provide respectively 10 and 13 m³/min. of air at 7 bar for multi-tool construction site applications and also have 10,12 and 14 bar derivative models. These meet the requirements of large scale blast cleaning of concrete or steel structures, building demolition and refurbishment, civil engineering activities such as rock bolting or ground stabilisation, and drilling activities in surface mining and geo-technical exploration.

Today, specialist contractors in many of these applications require precise standards of air quality in terms of oil and water content, which are met by provision of numerous options to increase the operational ability of the C100 to C134 machines

Electric generator options can also be added for powering lighting for night time operations or ancillary electrical tools to further increase their utility to contractors and the hire companies who supply them.

Continuous investment in the latest computer aided design (CAD), powder paint plant, sophisticated manufacturing processes such as CNC rotor grinders, and rigorous implementation of ISO 9001 approved quality systems ensure you take delivery of a reliable, and durable product.



Features



Dust and splash proof instrument panel with easy to read instrument layout with shut down fault warning light and low fuel warning light. Robust closed circuit relay trip system to protect the whole unit.

Separate air filter for engine and compressor.

Even if the ambient air has a high dust content the unit can operate reliably thanks to generously sized, separate suction filters for engine and compressor.

Four large, top facing folding doors on the front and sides allow unobstructed access to the service points and for cooler cleaning.

Visual air filter condition indicators prevent time wasting premature cleaning/replacement.

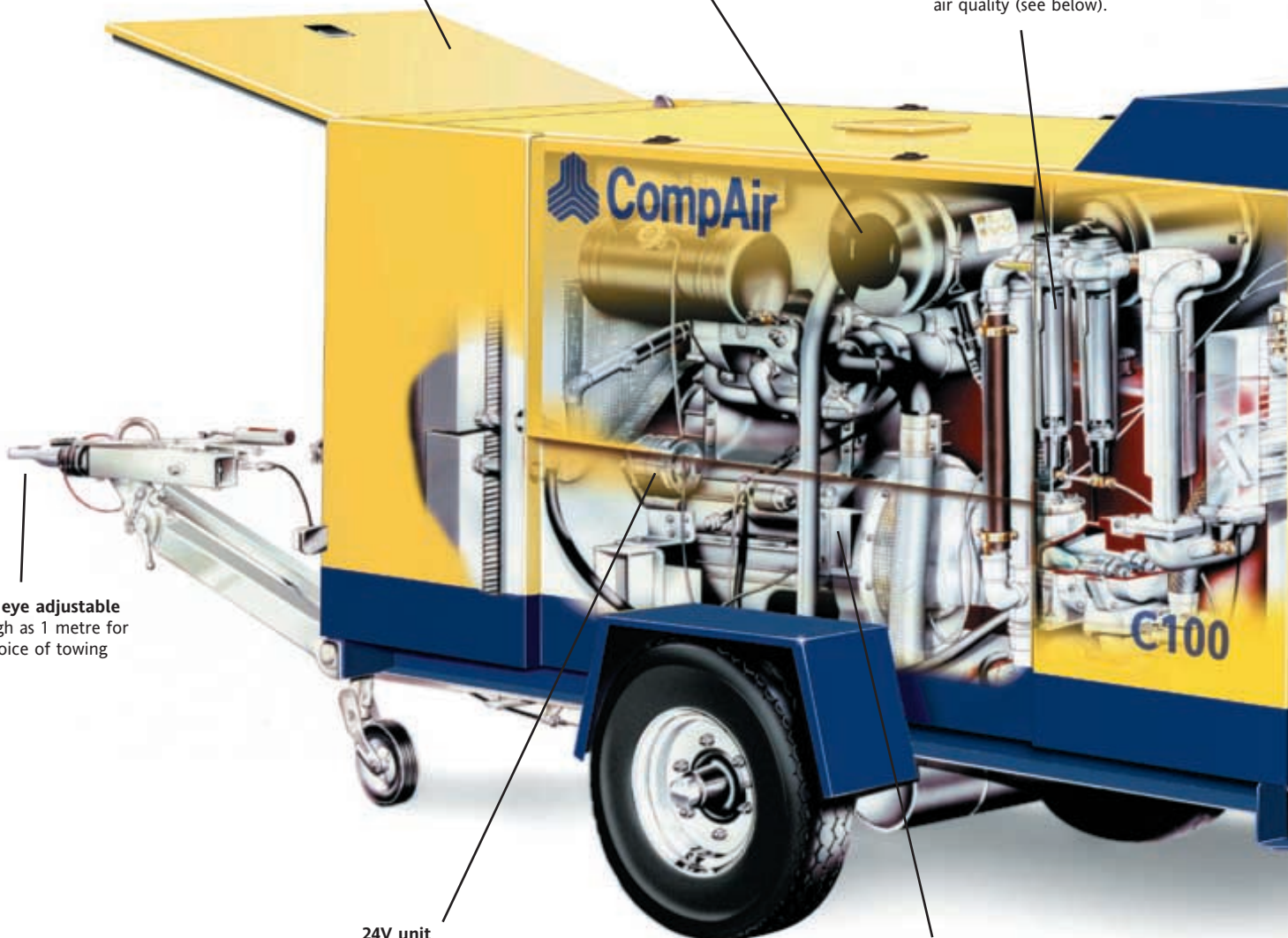
Optional micro filters for improved compressed air quality (see below).

Towing eye adjustable to as high as 1 metre for wide choice of towing vehicles

24V unit
The unit is designed for 24V operation, giving enough safety reserves for cold starts and a good run-up ability.

Water-cooled Mercedes Benz engines are economical, quiet and environmentally friendly and they comply with the strictest legal requirements.

They are particularly noted for their good run-up ability.



Model		C100	C101	C102	C104	C130	C131	C132	C134
Operational Specifications									
Free Air Delivery at Rated Pressure	m ³ /min	10.5	9.1	8.5	7.8	13.2	12.1	11.4	10.5
Rated Operating Pressure	bar g	7	10	12	14	7	10	12	14
Generator Size (option)	kVA	6.5 3 phase 400V or 5 single phase 230V				6.5 3 phase 400V or 5 single phase 230V			
Oil Capacity Compressor System	litres	42				42			
Engine	Mercedes	OM364 A				OM 366 A			
Full Load Speed	rpm	2400				2400			
Output at Rated Speed	kW	77				118			
Fuel Tank Capacity	Litres	158				205			
Weight									
Working Weight (wet)	kg	2070				2300			
Overall Dimensions									
Overall Length	mm	4500				4850			
Overall Width	mm	1736				1736			
Height	mm	1980				1980			
Canopy Length	mm	2950				3300			
Wheel Track	mm	1490				1490			
Ground Clearance	mm	250				250			
Tyre Size		215 R14 8PR (225/75R16C option)				215 R14 8PR (225/75R16C option)			
Compressed Air Outlets		4 x 3/4" + 1 x 1 1/2"				4 x 3/4" + 1 x 1 1/2"			
Noise Levels									
Sound Power	dB(A) L _{WA}	102	100	100	100	102			
Sound Pressure	dB(A) L _{PA}	76	75	75	75	76			

Sound power to 84/533/EC. Sound pressure to PNEUROP PN8NTC.2.2 at 7m.

Options

Synchronous generators to IP54 water/dust protection specification with small voltage variation of only +/- 1% saving the cost of separate power supply:

6.5 kVA/kW 3 phase 400V. 50 Hz. or 5 kVA/kW single phase 230V (6 kVA 110 V. option also available).

In built air treatment packages for every compressed air need or industrial supply back up:

Aftercooler with watertrap, especially useful for blast cleaning applications.

For cold, humid conditions a downstream air reheater can then be added via engine oil heat exchanger - a CompAir patented method of delaying onset of pressure dewpoint to prevent freezing of pneumatic tools.

With the aftercooler above fine filtration can be added to provide air to ISO 8573.1 specifications, including ZTV SIB 90 with oil removal down to < 0.01 ppm.

Fuel filter with water trap reduces downtime from water condensation in fuel tank.

1 or 2 hose reels with 19 mm flat hose, for fast set up of tools.

Built in tool oiler of 4.3 litres capacity.

Road lights system, including fog light.

Skid mount or base mount for fitment to the loading deck of a truck.

Heavy duty air filter safety elements for very dusty operating conditions or where there is risk of maintenance neglect.

Oil temperature regulating valve for extremely cold conditions.

Variety of towing eyes (NATO, 40 DIN for trucks, ball hitch etc.)

Customer's own paint colour as a theft deterrent and hire company on site promotion.



Improved compressed air quality by means of integrated aftercooler, automatic condensate separator and downstream reheating system. Additional microfilters make it possible to produce compressed air with a residual oil content of less than 0.01 ppm conforming to ZTV-SIB 90 standard, and other air quality standards to ISO 8573.1.

Large 62 litre pressure vessel reduces on/off load changing in tool operations for less engine wear and better fuel consumption.

Intelligent Air Technology

Compressed air solutions for every application

Compressors

0.1 - 43m³/min
0.75 - 260kW

Lubricated

Rotary Vane

Single Stage Screw

Speed Regulated Screw

Piston

Portable

Oil-Free

Two Stage Screw

Water-Sealed Screw

Piston

Portable

Turbo

Complete Accessories Programme

Filters and Dryers

Cooling Systems

Heat Recovery

Condensate Management

Air Receivers

Multi-Set Controllers

Lubricants

Value Added Services

Air Audit

Performance Reporting

Utility Air

Performance Contracting

Complete Service for Compressed Air Technology

Engineering of Complete Compressor Stations

Local Service Centres

Guaranteed Parts Availability



www.CompAir.com
Email sales@compair.com

CompAir policy is one of continuous improvement and we therefore reserve the right to alter specifications and prices without prior notice. All products are sold subject to the Company's conditions of sale.

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3/2001



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