



C14-C25

Portable Air Compressors



Intelligent Air Technology



## C14-C25 Portable Air Compressors

A wide range of “single tool” compressors to match exactly your air requirements.

CompAir offers a single tool compressor to match the air consumption of the popular road breaker size in your construction market.

The smallest is the C14, a compact manually transportable Honda petrol engined screw compressor to load into a van. This provides 1.4 m<sup>3</sup>/min. of air at a rated pressure of 7 bar g.

Next is the C20 portable, powered by a Kubota D1105 water cooled diesel, and providing 2m<sup>3</sup>/min. of air at 7 bar g.

If more air is required for extra hand tools or to power a pneumatic pump to drain a trench, chose the C25 powered by energy efficient Deutz F2L1011F and offering 2.5 m<sup>3</sup>/min. at 7 bar g.

Versatility of the single tooler range is increased by provision of generator models for site lighting, electrical tools or fusion welding of polyethylene service pipe.

Whatever your choice, your energy efficient, reliable CompAir compressor will be supplied as a user friendly, site durable package designed as a result of many years of close attention to the needs of construction contractors, public utility companies and the hire companies supplying them.

Continuing investment in the latest design and manufacturing tools, and rigorous implementation of ISO 9001 approved quality systems ensure delivery of a reliable, high quality product.



# Features

## C14

Weight of only 142 Kg. Easy loading into a van or pick-up truck.

Removable 20 ltr. petrol tank further reduces transport weight.

Compact dimensions, transport wheels and retractable drawbar allows transport through doorways.

Economical air-cooled Honda GX 610 V-twin petrol engine.

Standard hand and electric start.

Separate air filters for engine and screw compressor ensure long filter life.

## C17-C25

Tool trays to prevent loss and damage between sites (C25 models).

Easy to understand control panels with steel lockable door to deter unauthorised use.

Keyless start to avoid downtime from lost keys.

Indicator lights for auto shut-down protection systems.

Plastic see through fuel tanks for ease of cleaning and fuel level check.

Steel lockable cover to lifting bale.

Easy maintenance features, such as:  
Air/oil reclaimer external to pressure vessel on C20.  
Oil drain valve-safety plug hose connection for compressor and engine on C17GS/C25.  
Spin on integral compressor oil filters (all models).



C14 portable compressor



Tool Tray – C25



Lockable Control Panel – C20



Fuel tank



Air/oil reclaimer – C20



Flip Top Canopy

Model		C14	C20	C25	C17GS
<b>Operational Specifications</b>					
Free Air Delivery at Rated Pressure	m <sup>3</sup> /min	1.4	2.0	2.5	1.7
Rated Operating Pressure	bar g	7	7	7	7
Generator Size	kW	N/A	N/A	N/A	5
Oil Capacity Compressor System	litres	4	6.5	6.5	6.5
Engine		Honda	Kubota	Deutz	Deutz
		GX 610	D1105	F2L1011F	F2L1011F
Full Load Speed/Off Load	rpm	2900/2200	2800/2000	2800/2150	3000/2150
Output at Rated Speed	kW	13.2	18.1	21.5	22.0
Fuel Tank Capacity	Litres	20	34	46	46
<b>Working Weight (wet)</b>					
Straight towbar, braked	kg	160*	552	675	725
Adjustable towbar, braked (unbraked)	kg	-	542(500)	694	744
<b>Overall Dimensions</b>					
Overall Length	mm	1010	2540		2990
Overall Width	mm	700	1300		1270
Height	mm	630	1120		1295
Canopy Length	mm	-	1300		1765
Wheel Track	mm	-	1170		1050
Ground Clearance	mm	-	200		240
Tyre Size	Standard	-	145R10		155R13
	Option	-	145R13		
Compressed Air Outlets		1 x 3/4"	1 x 3/4"		2 x 3/4"
<b>Noise Levels</b>					
Sound Power**	dB(A) L <sub>WA</sub>	99	100		100
Sound Pressure***	dB(A) L <sub>PA</sub>	71	71		71

\* Mounted in lifting frame. Minimum transport weight: 142Kg

\*\* Sound power to 2000/14EC.

\*\*\* Sound Pressure to PNEUROP PN8NTC2.2 at 7m.

## Options

	C20	C17-25 range
<b>Built-in Lubricator</b>	*	*
Ensures that tools are always in top condition.		
<b>Base Mount</b>	*	*
<b>Braked or Unbraked Axles</b>	*	*
Where weight permits legal towing without brakes, a budget unbraked running gear option is available.		
<b>Road Lights System including Fog Light</b>	*	*
A complete system that conforms with EEC Lighting regulations.		
<b>Variety of Towing Eyes</b>	*	*
68 mm, 2", 40 mm, 50 mm ball etc. for cars and trucks.		
<b>Generators</b>		*
Built in generators to provide site electricity for night time operations and electrical tools.		
<b>On C17 GS:</b> 5kW 110V or 220V AC simultaneously with 1.7 m <sup>3</sup> /min. of compressed air at 7 bar Unity power factor.		
<b>Also available:</b> 6kVA 110 V AC.		
<b>Exhaust Spark Arrestor</b>		*
To reduce fire risk during operation in hazardous areas such as petro-chemical plants and forests.		
<b>Customers own Paint Colour</b> (batches of 10)	*	*
<b>Second Air Outlet</b>	*	*

## Key Features

Reliable fuel efficient engines.

Energy efficient compressor rotor design built to close engineering tolerances.

Efficiency supported by progressive action of compressor air inlet valve and pneumatic engine speed controller, closely matching engine speed to air demand.

Auto shutdown systems protect against low engine oil pressure, and high temperature of engine or compressor.

Low fuel shutdown with warning lamp to prevent costly call outs to reprime fuel system.

Rust resistant zinc coated steel canopy panels with durable powder paint finish.

Individually replaceable canopy panels in the event of accidental damage.

Flip top canopies supported by sturdy gas struts provide good access for maintenance.

Flexible polyurethane mudguards for site durability.



# Intelligent Air Technology

Compressed air solutions for every application

## Compressors

0.1 - 43m<sup>3</sup>/min  
0.75 - 260kW

## Lubricated

Rotary Vane

Single Stage Screw

Speed Regulated Screw

Piston

Portable

## Oil-Free

Two Stage Screw

Water-Sealed Screw

Piston

## 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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