



C14-C30
Portable Air Compressors



Intelligent Air Technology

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.





C14-C30 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 m³/min. of air at a rated pressure of 7 bar g.

Next is the C20 portable, powered by a Perkins 103-10 water cooled diesel, and providing 2m³/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 from the C25, C29 or C30 powered by energy efficient Deutz diesels and respectively offering 2.5,2.9 and 3 m³/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, or optional electric start.

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

C20-C30

Tool trays to prevent loss and damage between sites (C25, C29 and C30 models).

C30 tool hods are made in galvanised steel.

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:

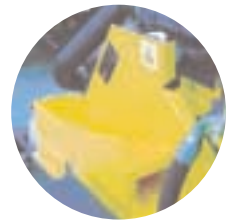
Air/oil reclaimer external to pressure vessel on C20.

Lateral drains for compressor and engine oils on C17 – C29.

And 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	C29	C17GS	C29G	C30	C30G
Operational Specifications									
Free Air Delivery at Rated Pressure	m ³ /min	1.4	2.0	2.5	2.9	1.7	2.9	3.0	3.0
Rated Operating Pressure	bar g	7	7	7	7	7	7	7	7
Generator Size	kW	N/A	N/A	N/A	N/A	5	4	N/A	6.5
Oil Capacity Compressor System	litres	4	6.5	6.5	6.5	6.5	6.5	9	9
Engine		Honda	Perkins	Deutz	Deutz	Deutz	Deutz	Deutz	Deutz
		GX 610	103-10	F2L1011F	F2L1011F	F2L1011F	F2L1011F	F2M1011F	F2M1011F
Full Load Speed	rpm	2900	2800	2650	3000	3000	3000	3000	3000
Output at Rated Speed	kW	12	15.5	20.8	22	22	22	22.6	22.6
Fuel Tank Capacity	Litres	20	34	46	46	46	46	60	60
Working Weight (wet)									
Straight towbar, braked	kg	160**	552*	675	675	725	725	735	810
Adjustable towbar, braked (unbraked)	kg	-	542(500)	694	694	744	744	760	835
Overall Dimensions									
Overall Length	mm	1010	2540		2990			3447	
Overall Width	mm	700	1300		1270			1490	
Height	mm	630	1120		1295			1336	
Canopy Length	mm	-	1300		1765			1750	
Wheel Track	mm	-	1170		1050			1290	
Ground Clearance	mm	-	200		240			260	
Tyre Size	Standard Option	-	145R10 145R-13		155R13			165R13	
Compressed Air Outlets		1 x 3/4"	2 x 3/4"		2 x 3/4"			2 x 3/4"	
Noise Levels									
Sound Power***	dB(A) L _{WA}	100	100		100			100	
Sound Pressure****	dB(A) L _{PA}	75	75		75			75	

*13" wheel option.

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

*** Sound power to 84/533/EC.

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

Options

	C20	C17-29 range	C30
Built-in Lubricator	*	*	*
Ensures that tools are always in top condition.			
Built in aftercooler with condensate separator			*
Reduces moisture content in compressed air to prevent tools from freezing.			
Built-in Air reheater			*
Fitted downstream of after cooler. CompAir patented system uses engine oil heat exchanger to delay onset of further condensation in cold, humid conditions thus preventing tools from freezing.			
Air Treatment Packages			*
Fine air filters to provide compressed air quality to the standards of ISO 8573.1 including ZTV SIB 90 specifying a residual oil content of less than 0.01 ppm.			
Automatic Pneumatic Hose Reel			*
Protects the air hose from damage and allows for faster set up on arrival at site.			
Base Mount	*	*	*
Braked or Unbraked Axles	*	*	*
Where weight permits legal towing without brakes, a budget unbraked running gear option is available.			
Road Lights System including Fog Light	*	*	*
A complete system that conforms with EEC Lighting regulations.			
Variety of Towing Eyes	*	*	*
NATO, 50mm ball etc. for cars and trucks.			
Generators		*	*
Built in generators to provide site electricity for night time operations and electrical tools.			
On C29: 4kW 110V or 220V AC 50 Hz via synchronous alternator. Unity power factor.			
On C17 GS: 5kW 110V or 220V AC simultaneously with 1.7 m ³ /min. of compressed air at 7 bar Unity power factor.			
On C30: 6.5 kVA/kW 230V AC single phase or 400 V 3 phase via synchronous generator to IP54 standard.			
Also available: 6kVA 110 V AC.			
Exhaust Spark Arrestor		*	*
To reduce fire risk during operation in hazardous areas such as petro-chemical plants and forests.			
Customers own Paint Colour (batches of 10)	*	*	*
Name Embossing on Upper Canopy (batches of 10)		*	*
Provides distinctive site identity and assists in traceability in the event of loss or theft.			
Compressor Oil Temperature Control Valve			*
For safe operation in cold conditions.			

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



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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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