

CompAir by Gardner Denver

AirPlus

Portable screw compressors



Reliable mobile compressed air solutions

C10-12 – C270TS-9

Standard is a thing of the past



Designed for the most demanding conditions.

High-precision construction projects demand that the efficiency and reliability of compressors is of the highest calibre. CompAir offers a wide range of portable compressors, with a reputation within the industry for just that – compressors that meet the requirements of numerous mobile compressed air applications.

The C-Series from CompAir is constantly evolving and guarantees high energy efficiency, low emissions and many other innovations, which make daily operations and maintenance tasks much easier.

AirPlus

Tailored compressor solutions to fit your application.

CompAir offers numerous options and accessories allowing customers to configure the compressor according to the specific requirements of the application. Besides various components for air treatment, integrated generators, bundled bottom boxes, toolboxes, hose reels and integrated oilers, etc. can all be factory fitted.

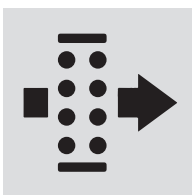
To upgrade existing compressors according to current emission legislations, all models can be retrofitted with diesel particle filters (DPF).

AirPlus Options



Built-in aftercooler

With automatic water separation. Reduces water content in the compressed air. An additional heat exchanger uses compressor oil to heat the compressed air which protects the tools from freezing.



Built-in microfilter combination

(in addition to above mentioned aftercooler)
Air treatment with microfilters according to ISO 8573.1 standards including ZTV-ING 90 with residual oil content of <math><0.01\text{ ppm}</math>.



Oil temperature regulation valve

Ensures safe operation of compressor at low ambient temperatures. Prevents compressed air tools from freezing. Standard from C35-10.



Integrated Oiler

For optimised lubrication of the pneumatic tools.



Hose reel

With 20m light self-supporting hose; protects the air hose and enables fast set up of tools at site.



Diesel Particulate Filter

Diesel Particulate Filter fulfils current EU emissions standard Stage IIIB and can be used in environmental zones.



AirPlus Options:

Always the right solution for your application

All types from C10-12 to C270TS-9 at a glance

- ✓ Standard
- ✚ Optional
- Not available



	DLT 0101			DLT 0206					DLT 0408				DLT 0705				
	C10-12	C12-10	C14	C20	C20-14	C25	C25-10	C30	C35-10	C38	C42	C50	C55-14	C60-12	C65-10	C65HS ¹⁾	C76
Applications																	
Pickhammers and Breakers			✓	✓		✓		✓		✓	✓	✓					
Blow-out work				✓	✓	✓	✓	✓		✓	✓	✓					
Building and bridge reconstruction												✓			✓		✓
Concrete spraying														✓	✓	✓	✓
Bubble curtains and oil barriers																	
Soil loosening (compressed air lances)				✓	✓	✓	✓	✓									
Drilling				✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
Drilling for rock consolidation and mountain reinforcement																	
Well boring																	
Compressed air water pumps						✓		✓		✓	✓	✓					
Protection of tools from freezing				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mobile truck tyre repairs	✓				✓												
Displacement hammers			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
Spray painting				✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
Geothermal energy																	
Jetting fibre-optic cables	✓				✓								✓	✓	✓	✓	✓
High-altitude use																	✓
Comb. compressed air & generator mode					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pipeline construction																	
Ramming				✓	✓	✓	✓	✓				✓		✓	✓	✓	✓
Repair/installation work	✓	✓	✓														
Sand-blasting				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Decontamination of the drinking water supply												✓		✓	✓	✓	✓
Water decontamination																	
Standby operation (emergency air supply)																	
Ice-blasting									✓	✓	✓	✓	✓	✓	✓	✓	✓
Pulling														✓	✓	✓	✓
	C10-12	C12-10	C14	C20	C20-14	C25	C25-10	C30	C35-10	C38	C42	C50	C55-14	C60-12	C65-10	C65HS ¹⁾	C76
AirPlus Options																	
Compressed Air Quality																	
Aftercooler	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚
Filtration	–	–	–	–	–	–	–	–	✚	✚	✚	✚	✚	✚	✚	✚	✚
Oiler	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚
Compressor Equipment																	
Tool-Box	–	–	–	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚
Hose reel	–	–	–	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚
Bunded bottom box	–	–	–	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚
Oil thermostatic valve	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Remote start/stop	–	–	–	–	–	–	–	–	–	–	–	–	✚	✚	✚	✚	✚
Diesel Particle Filter Factory Fitted	–	–	–	–	–	–	–	–	✚	✚	✚	✚	✓	✓	✓	✓	✓
Diesel Particle Filter Retrofit Kit	–	–	–	–	–	–	–	–	✚	✚	✚	✚	–	–	–	–	–
Integrated Generator																	
7 kVA at 110V 50 Hz	–	–	–	✚	✚	–	–	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚
9 kVA/16 A max. at 230/400V 50 Hz	–	–	–	✚	✚	–	–	✚	✚	✚	✚	✚	✚	✚	✚	✚	✚
15 kVA/20 A max. at 230/400V 50 Hz	–	–	–	–	–	–	–	–	✚	✚	✚	✚	✚	✚	✚	✚	✚
Engine Accessories																	
Diesel filter with water separator	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spark arrestor	–	–	–	✚	✚	✚	✚	✚	✚	✚	✚	✚	–	–	–	–	–
Engine shutdown at overspeed from flammable gases	–	–	–	–	–	–	–	–	–	–	–	–	✚	✚	✚	✚	✚

¹⁾ HS = High-altitude use



Applications

Configurable portable screw compressors with AirPlus options are available for the widest range of applications and extreme uses: base-mounted, skid-mounted or chassis-built versions as well as equipment such as a generator, hose reel, aftercooler, including compressed air heating or extra cold start device are available as are different pressure and volume flow versions, and much more.



- ▶ **Usage site:** Waltenberger-Haus, 2,085 m, Oberstdorf, Germany
- ▶ **Machine used:** C 65-10
- ▶ **Application:**
 - Breaking work
 - Construction of new foundations
- ▶ **AirPlus Options:**
 - Cold start device
 - Oil thermostatic valve
 - Mist lubricator
 - Tool oiler



- ▶ **Usage site:** Stubai Gletscher, ca. 3,000 m, Tirol, Österreich
- ▶ **Machine used:** C 50
- ▶ **Application:**
 - Drilling
 - Rock consolidation
- ▶ **AirPlus Options:**
 - Cold start device
 - Mist lubricator
 - Tool oiler



- ▶ **Usage site:** Hospital area, Schwäbisch Hall, Germany
- ▶ **Machine used:** C 240 TS-14
- ▶ **Application:**
 - Drilling for earth anchors
 - Slope stabilisation
- ▶ **AirPlus Options:**
 - Oxidising catalytic converter/SCR module
 - Diesel Particulate Filter
 - Aftercooler/heat exchanger
 - Microfilter for oil separation according to ZTV-Ing Part 3 Section 4



- ▶ **Usage site:** Bettmeralp, ca. 2,000 m, Wallis, Switzerland
- ▶ **Machine used:** C 50
- ▶ **Application:**
 - Avalanche blasting
- ▶ **AirPlus Options:**
 - Cold start device
 - Mist lubricator
 - Tool oiler
 - G-15 kVA



- ▶ **Usage site:** Hafentunnel „Cherbourger Straße“, Bremerhaven, Germany
- ▶ **Machine used:** C 115-12
- ▶ **Application:**
 - Surface treatment
 - Sand-Blasting
- ▶ **AirPlus Options:**
 - Diesel Particulate Filter
 - Microfilter for oil separation according to ZTV-Ing Part 3 Section 4



- ▶ **Usage site:** Tamm, Germany
- ▶ **Machine used:** C 60-12 from the new DLT0705 series
- ▶ **Application:**
 - Ice-Blasting
- ▶ **AirPlus Options:**
 - Diesel Particulate Filter
 - Microfilter for oil separation according to ZTV-Ing Part 3 Section 4

Global experience – truly local service

With over 200 years of engineering excellence, the CompAir brand offers an extensive range of highly reliable, energy efficient compressors and accessories to suit all applications. An extensive network of dedicated CompAir sales companies and distributors across all continents provide global expertise with a truly local service, ensuring our advanced technology is backed up with the right support.



As part of the worldwide Gardner Denver operation, CompAir has consistently been at the forefront of compressed air systems development, culminating in some of the most energy efficient and low environmental impact compressors on the market today, helping customers achieve or surpass their sustainability targets.

Portable Compressors (EU & Non EU Range)

C10-12 to C270TS-9
 1 to 27 m³/min from 7 to 24 bar

Air Plus offers many variations and options:

- Aftercooler
- Ultra-fine filters
- Integrated generator
- Bunded bottom box
- Hose reel
- Exhaust spark arrestor
- Diesel Particulate Filter
- Customer colours

Tools

- Chipping Hammers
- Rockdrills
- Pickhammers
- Breakers

Vibration damped tools:

- Rockdrills
- Pickhammers
- Breakers

Accessories:

- Large selection of pointed chisel, slat chisel and spade
- In line lubricator
- Water separator with or without oiler
- Air hoses

Services

- Technical support and advice
- Worldwide service network
- Reliable supply of spare parts
- Individual customer solutions
- Seminars and trainings



www.compair.com