

# C35-10, C38, C42, C50 C30-12, C38-10, C35-14, C42-10 (FPM)

DLT0409-R1 **with EU Stage V engine**



**Operating pressure**  
5 to 14 bar



**Volume flow**  
3.0 to 5.0 m<sup>3</sup>/min



**Engine power**  
35.0 kW



**Gross weight**  
750 kg unbroken  
720–750 kg (base-mounted)



According to  
**EU Stage V**



## Typical applications

- ▶ Pickhammers and Breakers
- ▶ Blow-out work
- ▶ Drilling
- ▶ Displacement hammers
- ▶ Spray painting
- ▶ Sand and ice blasting
- ▶ Sites requiring light and compact machines – economically transportable by light helicopters

**GERMAN**  
**ENGINEERING**  
& DESIGN

## Features

- Yanmar 4TNV88C with exhaust stage EU V
- High efficiency airend, designed and manufactured in our own facility in Germany
- Mobile 5 program: up to 5 years warranty on the package except engine
- Less stress on the engine with no-load start
- Bolted single sheets.  
Galvanised, electrostatically powder-coated
- Hinged hood with two robust gas springs
- Robust plastic protection
- Optional compressed air filtration
- Standard fuel pre-filter with water separator
- Separate air filters for engine and compressor with safety element
- FPM – Flexible Power Management: volume flow and pressure control
- Oil filter is screwed onto the compressor block
- Main electrical cut-off switch inside the compressor enclosure
- Central lifting eye
- Standard oil temperature control valve
- Transparent fuel tank
- Can be used at -10 to +45 °C ambient temperature

## Benefits

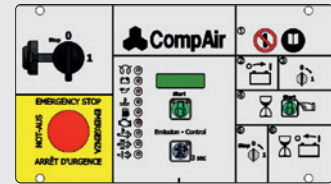
- ▶ Future-proof investment with the latest and most economical technology
- ▶ Low consumption of engine power, energy and fuel
- ▶ Operational safety with warranty
- ▶ Increases service life by reducing engine load during startup and ensures that operating temperature is reached with low compressor load
- ▶ Quick and economical to replace when damaged.  
Excellent protection against corrosion
- ▶ Good accessibility for maintenance
- ▶ Protects control panel and traffic safety elements
- ▶ Technically oil-free in accordance with ZTV-ING Part 3 Section 4
- ▶ Long engine service life thanks to effective separation of water and dirt
- ▶ Long filter lives, long maintenance intervals and high operational reliability
- ▶ Volume flow adjusts according to the pressure setting, allowing to cover a wide range of applications by one compressor type
- ▶ Enables quick, easy maintenance
- ▶ Protects against misuse
- ▶ Easy to relocate, transport via crane or helicopter
- ▶ Reduces freezing of connected tools at low temperatures
- ▶ Designed for one-shift operation at full load.  
Allows direct visual level indication and quick contamination checks
- ▶ Operational reliability

# C35-10, C38, C42, C50 C30-12, C38-10, C35-14, C42-10 (FPM)

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## Portable-Control 2

- ▶ Fully protected digital display
- ▶ Indication lamps
  - Preheat
  - Operation
  - Automatic emergency stop after malfunction
- ▶ Automatic protection in case of malfunction:
  - Compressor temperature too high
  - Engine oil pressure too low
  - Engine temperature too high
  - Battery voltage too low
  - Rotational speed too low
  - Cooling water too low
  - Exhaust monitoring
  - Error diagnosis
  - Water in fuel
  - Fuel level too low

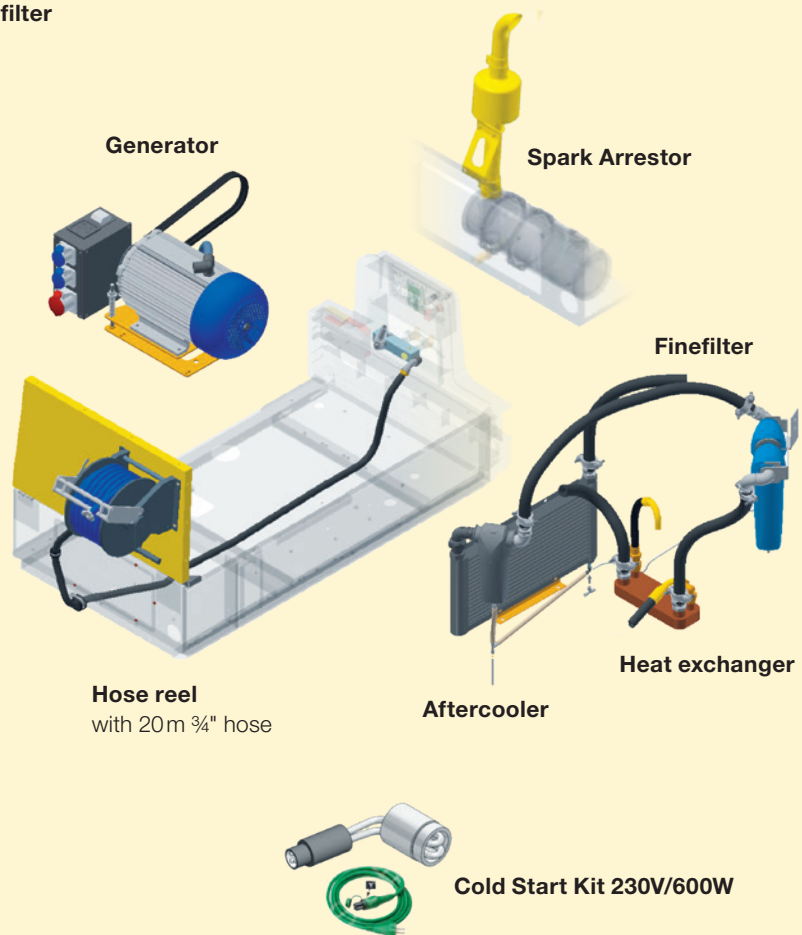


## AirPlus – Many Options for many Applications

### Tailored compressor solutions to fit your application.

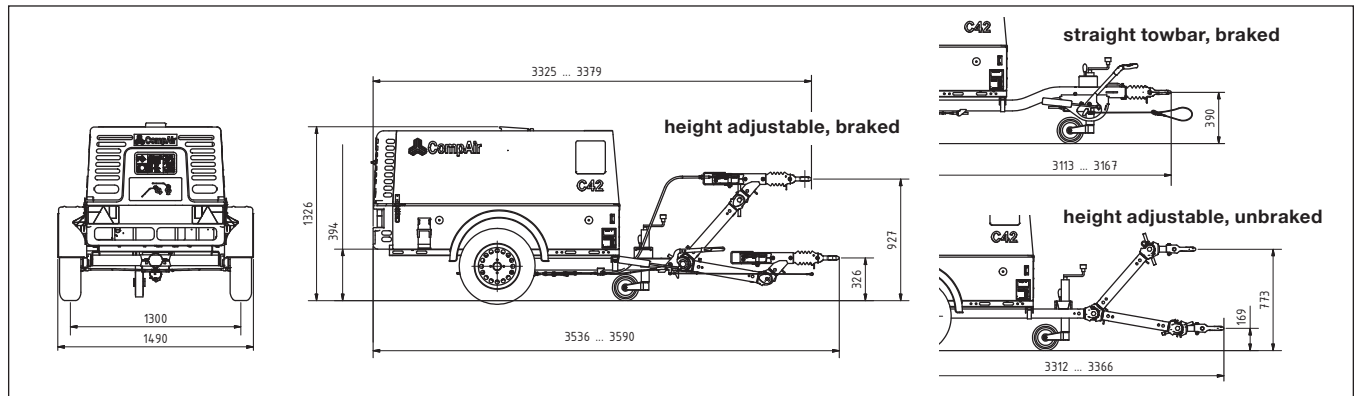
CompAir offers numerous factory fitted options and accessories allowing customers to configure the compressor according to the specific requirements.

- ▶ **Aftercooler and Heat exchanger**
- ▶ **Aftercooler, Heat exchanger and Finefilter**
- ▶ **Heat exchanger**
- ▶ **Heat exchanger** switchable (ON/OFF)
- ▶ **Spark Arrestor**
- ▶ **Chalwyn Valve**
- ▶ **Hose reel** with 20m 3/4" hose
- ▶ **Toolbox**
- ▶ **Tool Lubricator**
- ▶ **Air outlet: with/without Lubricator**
- ▶ **Control Air Lubricator**
- ▶ **Generator**
- ▶ **Cold Start Kit 230V/600W**
- ▶ **Base mount** for mounting on trucks
- ▶ **Skid mount** for stationary installation on construction sites
- ▶ **Different chassis designs**, also available less than 750 kg (unbraked)
- ▶ **Variety of towing eyes** NATO, 40 mm DIN, 50 mm ball coupling, etc. for cars and trucks
- ▶ **Fully bundled** for use in water protection areas
- ▶ **Customer colours**



# C35-10, C38, C42, C50 C30-12, C38-10, C35-14, C42-10 (FPM)

DLT0409-R1 with EU Stage V engine



## Technical data

Series Type	DLT0409-R1								
	C35-10	C38	C42	C50	C30-12	C35-14	C38-10	C42-10	
	Flexible Power Management								
Volume flow at operating overpressure <sup>1)</sup>	m <sup>3</sup> /min	3.5	3.8	4.2	5.0	3.8-3.0	4.2-3.5	4.0-3.8	5.0-4.2
Operating overpressure	bar	5-10	5-7	5-7	5-7	5-12	5-14	5-10	5-10
Engine		Yanmar 4TNV88C							
Emission standard		EU Stage V							
Cylinders		4							
Cooling system		Water cooling							
Installed engine power	kW	35.0							
Idle speed – full speed	1/min	1500-2800				1500-2550			
Tank capacity	l	60							
Operating weight <sup>2)</sup>									
– height adjustable, braked	kg	850	850	850	880	850	880	850	880
– height adjustable, unbraked	kg	765	765	765	–	765	–	765	–
– straight towbar, braked	kg	810	810	810	840	810	840	810	840
– straight towbar, unbraked	kg	750	750	750	780	750	780	750	780
Dimensions LxWxH	adjustable, braked mm	3590-3935 x 1490 x 1326							
	straight, braked mm	3167 x 1490 x 1337							
Compressed air connections		2 x 3/4"							
Sound pressure level <sup>4)</sup>	dB(A) LPA	69							

<sup>1)</sup> According to ISO 1217 Ed. 4 2009 Annex D

<sup>2)</sup> Operating weight with operating materials, without options

<sup>3)</sup> All models are available with body and skid frames

<sup>4)</sup> Sound pressure level according to PNEUROP PN8NTC2.2 at 7 m

## CompAir Original Service Kits

CompAir Original Service Kits are the simple and cost-effective solution for preventive maintenance or repair on CompAir mobile compressors. Each service kit contains genuine CompAir spare parts and is tailored to the requirements of the relevant model. Downtime for maintenance as well as time spent on repairs can be minimised.



Keeping your workforce working

For more information – click here:

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For more information – click here:

[Portable Compressor Range](#)

Click here:

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