## C35-10 - C50

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### Product range DLT 0408

The highly successful CompAir range C35-10 – C50 is driven by very quiet-running, water-cooled Yanmar 4TNV88BKCP 4-cylinder diesel engines. The compressor is particularly suitable for applications in cities and built-up areas, where stringent restrictions are set on noise emissions. The light construction of under 750 kg (C38 and C42) makes the compressor suitable for many different applications and is therefore ideal for use by hire companies. These compact and lightweight compressors are available with various chassis and also with the option of integrated generator or aftercooler or both.

CA2G

#### Yanmar 4TNV88BKCP

quiet-running and low vibration 4-cylinder diesel engine with direct injection

#### Soft start

extends the engine life time by reducing engine stress during start-up and allowing the engine to reach running temperature with the compressor unloaded

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fuel contamination is controlled by high quality filter which includes water separation. In addition to this every compressor has an electronic fuel pump, alarm and fuel cooler

#### Progressive volume flow regulation engine speed and air intake regulation are automatically adapted to compressed air requirement

- Air end with spin-on oil filter cartridge for quick and easy maintenance
- Transparent plastic fuel tank allows direct visual level indication and quick contamination checks
- Central lifting eye for easy handling by crane
- Operational reliability designed for – 10 to + 50° C ambient temperature
- Compressor oil temperature regulating valve ensures safe operation of compressor at low ambient temperatures or extreme partial load. Standard!
- Internal main switch avoids unauthorised operation

#### Easy access hinged hood

with two robust gas struts, the hood is light and easy to open, offering excellent accessibility for easy maintenance

#### Bolted single sheets

The steel canopy is mass galvanised and electrostatically coated, offering excellent protection against damage and corrosion. With bolted single sheets, exchange is both quick and easy

#### Air filters

separate air filters for engine and air compressor with lighting elements

#### Robust

### plastic protection

protects the control panel and lighting elements



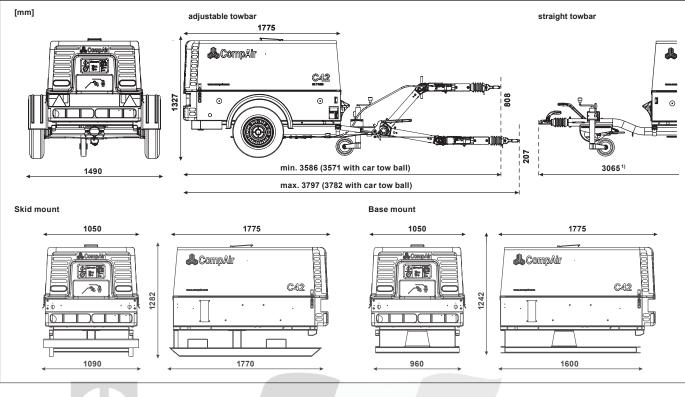
#### Portable-Control 2

Fully protected digital display with tamper proof hour counter

#### Automatic protection in case of malfunction:

- Compressor temperature too high
- Engine oil pressure too low
- Engine temperature too high
- Rotational speed too low
- Battery voltage too low
- Fuel level too low
- Cooling water too low
- Indication lamps for
  - Preheat
  - Operation
  - Automatic emergency stop after malfunction
- Start by rotary switch to avoid loss of time caused by lost ignition key

# **Technical Data**



Product range		DLT 0408			
Туре		C35-10	C38	C42	C50
Operational data					
Volume flow <sup>1)</sup> (Optional 9 or 15 kVA G	ienerator) m³/min	3.5	3.8	4.2	5.0
Operating pressure	bar	10	7	7	7
Compressed air outlet		2 x 3/4"			
Engine		Yanmar 4TNV88BKCP			
Installed engine power	kW	35.0	35.0	35.0	35.0
Engine off load speed	1/min	1600	1600	1600	1600
Engine full load speed	1/min	2800	2800	2800	2800
Fuel tank capacity		60	60	60	60
Operating weight <sup>2)</sup>					
Portable compressor adjustable towbar braked kg		810	810	810	866
	adjustable towbar unbraked kg	745	745	745	-
	straight towbar braked kg	775	775	775	835
straight towbar unbraked kg		740	740	740	800
Base mount	kg	685	685	685	780
Skid mount	kg	740	740	740	800
Dimensions					
Length	adjustable towbar braked mm	3586 - 3797	3586 - 3797	3586 - 3797	3586 - 3797
	straight towbar braked mm	3065	3065	3065	3065
Width	mm	1490	1490	1490	1490
Height (adjustable towbar, braked) mm		1327	1327	1327	1327
Length of canopy mm		1775	1775	1775	1775
Sound level					
Power sound level 3)	dB(A) LWA	98	98	98	98
Pressure sound level <sup>4)</sup>	dB(A) LPA	69	69	69	69

<sup>1)</sup> Acc. to ISO 1217 Ed. 4 2009 Annex D <sup>2)</sup> Operating weight without options <sup>3)</sup> Legal limiting values of EC directive acc. to 2000/14/EC <sup>4)</sup> Noise level acc. to PNEUROP PN8NTC2.2 at 7 m

AirPlus options on fold out page