

C85-14, C95-12, C100-10, C110-9, C105-14, C115-12, C130-10, C140-9

DLT 1304 **with EU Stage V engine**



Operating pressure
5 to 14 bar



Volume flow
8.6 to 13 m³/min



Engine power
90 or 105 kW



Permissible gross weight
max. 2,160 kg



According to
EU Stage V



Typical applications

- ▶ Drilling (rock consolidation, mountain reinforcement, wells and geothermy)
- ▶ Building and bridge reconstruction
- ▶ Concrete spraying
- ▶ Spray painting; sand- and ice-blasting
- ▶ Jetting fibre-optic cables
- ▶ Pipeline construction
- ▶ Ramming; Pulling



Features

Maximum efficiency of the screw compressor developed and produced according to the latest methods

Reliable, robust and fuel-saving DEUTZ TCD4.1 L4 series engine fulfils stage V of the EU emission standard

- Diesel Particle Filter (DPF) as standard
- Ready to fulfil the pending EU emission standard stage V
- Use of the compressor even in special environmental zones

FPM – Flexible Power Management

Eased engine start-up

Seamless volume flow control, tailored to the actual air consumption

Car body made of corrosion-resistant, galvanised and screwed individual sheets of metal with inserted insulating mats

Large, wide-opening gull-wing doors with robust gas springs. Additional openings make servicing, e.g. cleaning the cooler, possible

Easily accessible and easy to read instrument panel with large, user-friendly display

The positive operating pressure can be set quickly and easily via the keyboard in increments of 0.1 bar

Additional, highly visible all-round light

Standard fuel filter with water separator

Separate air filter with safety cartridge

24 V operating voltage

Ergonomic, easily accessible hose connections

Operating weight below 2200 kg

Option: Generator: 9 or 15kVA, low speed regulated diesel engine (1,765 rpm)

Benefits

- ▶ High degree of efficiency means lower energy use and less consumption

- ▶ Future-proof investment in relation to the ongoing exhaust policy Unlimited use even in environmental zones (obligation to use a diesel particle filter) Lower fuel requirements, lower operating costs

- ▶ FPM adapts the delivery quantity and the pressure of the compressor to the respective requirements.

- ▶ Easy on the engine and increases the service life

- ▶ Reduces fuel consumption and ensures an environmentally friendly working method that is easy on the materials, as well as even running performance in all operating states

- ▶ Faster and more cost-effective replacement in the case of damage

- ▶ All service-related components are easily accessible; easier access in the case of maintenance. Faster maintenance

- ▶ All of the required information can be seen at a glance

- ▶ Can be used on building sites even under difficult conditions

- ▶ Early warning in the case of fuel or Ad Blue problems, for example

- ▶ Reliable protection of the injection system and the motor against contamination in the fuel

- ▶ Optimum operational reliability and investment protection

- ▶ Ensures excellent start-up and cold-start behaviour

- ▶ Protection from damage to connections, protects the hoses

- ▶ Can also be used with suitable, smaller towing vehicles

- ▶ With a volume flow of approx. 8 m³ / min, the full generator capacity is available with favorable fuel consumption

Portable-Control 3

▶ Digital display

All the necessary operation data at a glance

▶ Quick and easy pressure setting

▶ Fault memory with detailed operating data

▶ Automatic protection in case of malfunction:

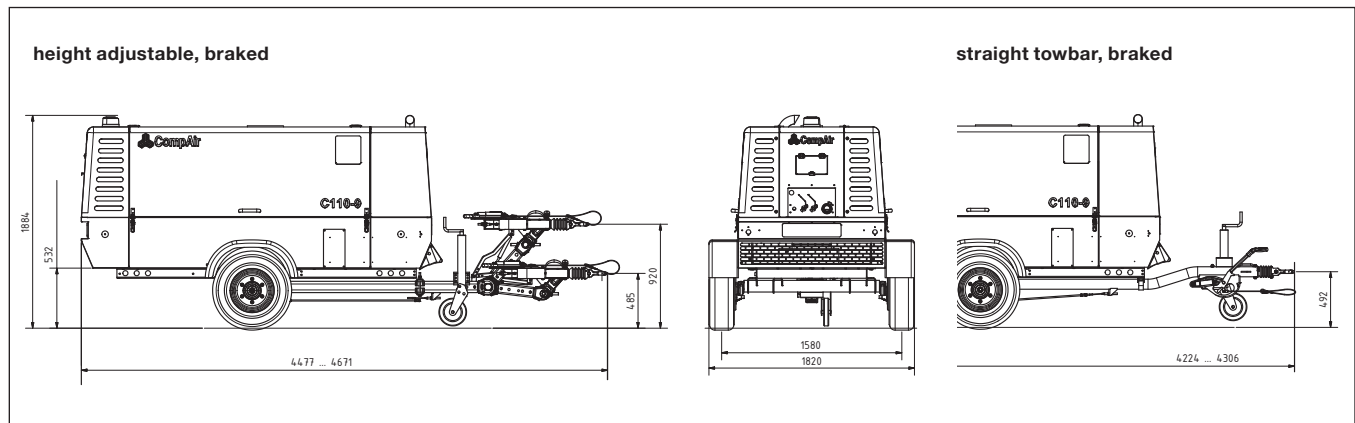
- Engine oil pressure too low
- Cooling water temperature too high
- Intercooler temperature too high
- Aired temperature too high
- Engine Cooling water level too low
- Fuel level too low
- Water in fuel pre filter
- Load control (v-belt break, alternator defect)
- Hardware errors



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Technical data

Series	DLT 1304								
	C85-14	C95-12	C100-10	C110-9	C105-14	C115-12	C130-10	C140-9	
Type	Flexible Power Management								
Volume flow at operating overpressure ¹⁾	m ³ /min	8.6	9.4	10.0	10.8	10.5	11.5	13	13.3
Volume flow FPM ²⁾	m ³ /min	8.6–10.8	9.4–10.8	10.0–10.8	10.8	10.5–13.3	11.5–13.3	13–13.3	13.3
Operating overpressure	bar	5–14	5–12	5–10	5–8.6	5–14	5–12	5–10	5–8.6
Engine	Deutz TCD 4.1 L4								
Emission standard	EU Stage V								
Cylinders	4								
Cooling system	Water cooling								
Installed engine power	kW	90				105			
Idle speed – full speed	1/min	1300–1850	1300–2000	1300–2100	1300–2300	1300–1750	1300–1900	1300–2050	1300–2200
Tank capacity	l	175							
Operating weight ³⁾									
– height adjustable, braked	kg	2075				2160			
– straight towbar, braked	kg	2000				2085			
Dimensions LxWxH adjustable, braked	mm	4447–4671 x 1820 x 1884							
Compressed air connections		2 x 3/4" und 1 x 2"							
Sound pressure level ⁴⁾	dB(A) LPA	70							

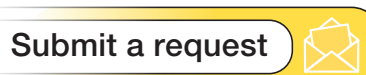
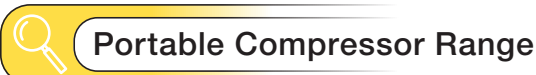
¹⁾ According to ISO 1217 Ed. 4 2009 Annex D ²⁾ Operating weight with operating materials, without options ³⁾ All models are available with body and skid frames
⁴⁾ Sound pressure level according to PNEUROPN8NTC2.2 at 7 m

AirPlus – Many Options for many Applications

- ▶ **After cooler**
with automatic condensate separator
- ▶ **Heat Exchanger**
can be shut down with bypass
- ▶ **Chalwyn Valve**
- ▶ **Filtration**
according to ZTV-ING Part 3 Section 4
- ▶ **Cold-start aid for engine**
- ▶ **Tool oiler**
- ▶ **Base mount** for mounting on trucks
- ▶ **Skid mount** for stationary installation on construction site
- ▶ **Generator 9 kVA or 15 kVA**
- ▶ **Remote start/stop**
- ▶ **Customer colours**

For more information – click here:

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