

# C105-14, C115-12, C130-10, C140-9

## DLT 1304



by Gardner Denver

Designed for the toughest site conditions, whether it's for road building, civil engineering or restoration work, this range of compressors offers outstanding reliability, performance and compressed air quality. With fully accessible doors, maintenance is also made easy. The compressor as standard is equipped with numerous options, offering a substantial cost saving to the customer. Thanks to the inclusion of two batteries, reliable running and performance can be achieved even in cold conditions. The long life cycle of these compressors is further enhanced by additional engine management protection. Diesel engines from the TCD4.1 L4 from DEUTZ are fitted with electronic fuel injection to meet the European exhaust emission standards.



### 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 IV of the EU emission standard

- Diesel Particle Filter (DPF) as standard
- Ready to fulfil the pending EU emission standard stage V (from 2019)
- Use of the compressor even in special environmental zones

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 2,200 kg

### Advantages

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

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

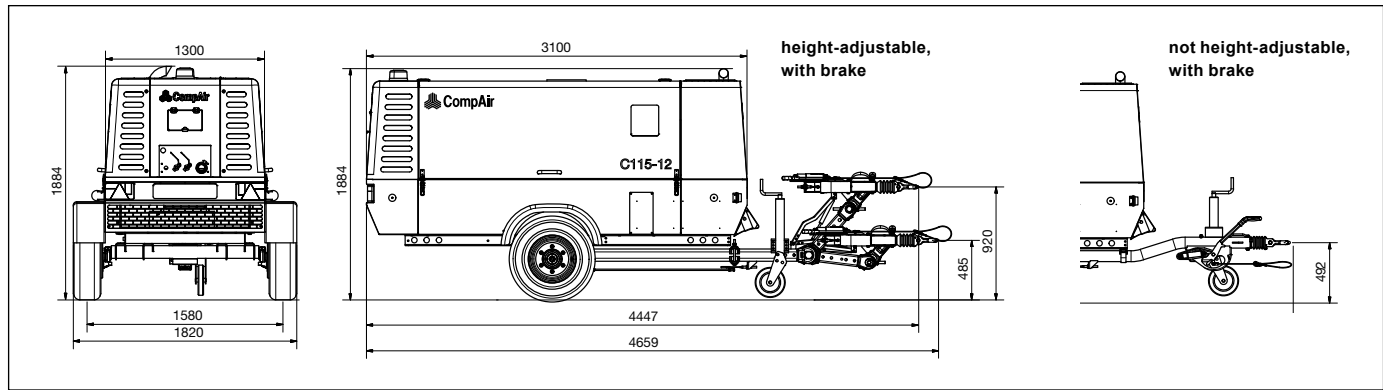
Ensures excellent start-up and cold-start behaviour

Protection from damage to connections, protects the hoses

Can also be used with suitable, smaller towing vehicles

### 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
  - Ad-Blue level too low
  - Water in fuel pre filter
  - Load control (v-belt break, alternator defect)
  - Hardware errors



## Technical specifications

Type		DLT 1304				
Model		C105-14	C115-12	C130-10	C140-9	
Operating data	Volume flow <sup>1)</sup>	m <sup>3</sup> /min	10,5	11,5	12,5	13,3
	Operating overpressure	bar	14	12	10	8,6
	Pressure range	bar	5–14	5–12	5–10	5–9
Engine	Type	DEUTZ TCD 4.1 L4				
	Cylinders	4				
	Cooling system	Water cooled				
	Installed engine power	kW	105,0			
	Speed range	min <sup>-1</sup>	1.750/1.300	1.900/1.300	2.050/1.300	2.200/1.300
	EU emission stage	IV (ready V)				
	Exhaust gas treatment	DOC/DPF/SCR				
Filling capacities	Fuel tank	l	175,0			
	Ad-Blue	l	20			
	Engine-oil	l	11,5			
	Engine cooling water system	l	28,0			
	Compressor oil	l	25,5			
Weight & dimensions	Operating weight <sup>2) 3)</sup>	kg	2.160			
	Perm. total weight <sup>3)</sup>	kg	2.500			
	Length <sup>3)</sup>	mm	4.447...4.659			
	Width	mm	1.820			
	Height	mm	1.884			
	Compressed air connections	2 x 1 " and 1 x 2 "				
Sound pressure level <sup>4)</sup>	dB (A)	70				

<sup>1)</sup> in accordance with ISO 1217 Ed. 3 1996 Annexe D

<sup>2)</sup> Operating weight without options

<sup>3)</sup> Chassis can be slowed and the height can be adjusted

<sup>4)</sup> Noise level acc. to PNEUROP PN8NTC2.2 at 7 m

## Options

- Built-in after cooler with automatic condensate separation
- Air heating via heat exchanger, can be shut down with bypass
- Filtration according to ZTV-ING Part 3 Section 4
- Cold-start aid for engine
- Tool oiler
- Various chassis designs
- Without frame / undercarriage
- Base mount
- Skid mount
- Generator 9 kVA or 15 kVA
- Painted in customer's colours
- Remote start/stop



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