

## C85-14 to C140-9

8.6 to 13.3 m<sup>3</sup> / min  
Product range  
DLT 1304

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. Energy efficient Deutz TCD4.1 L4 Diesel engines are fitted with electronic fuel injection to meet the European exhaust emission standards.

### Soft Start

Extends the engine lifetime by reducing engine stress during start-up and allowing the engine to reach running temperature with the compressor unloaded.

### Easy Access Side Wing Doors

Offering excellent accessibility for easy maintenance.

### Air Filters

Separate air filters for engine and air compressor.

### Reliable, Robust and Diesel-saving DEUTZ TCD4.1 L4 Series Engine

- Fulfills stage IV of the EU emission standard and is ready to fulfil the pending EU emission standard stage V (from 2019).
- Diesel Particle Filter (DPF) as standard.

### Robust Plastic Protection

Protects the control panel and lighting elements.



### Fuel Filter

Fuel contamination is controlled by a high quality filter which includes water separation. In addition to this every compressor has a manual fuel pump as standard.

### 24 V Electric System

Ensures sufficient power reserves in case of cold starts and a safe run-up ability.

### 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.

### Internal Main Switch Board

To avoid unauthorised operation.

### Central Lifting Eye

For easy handling by crane.

### Plastic Fuel Tank

With direct visual level indication.

### Operational Reliability

Designed for -10 to +45°C ambient temperature.

### Oil Temperature Regulation Valve

Ensures safe operation of compressor at low ambient temperatures or extreme partial load.

### Optional Filtration

According to ZTV-ING part 3 section 4.

## Portable-Control 3

### • Digital display

All the necessary operation data at a glance

### • Quick and easy pressure setting

### • Fault memory with detailed operating data

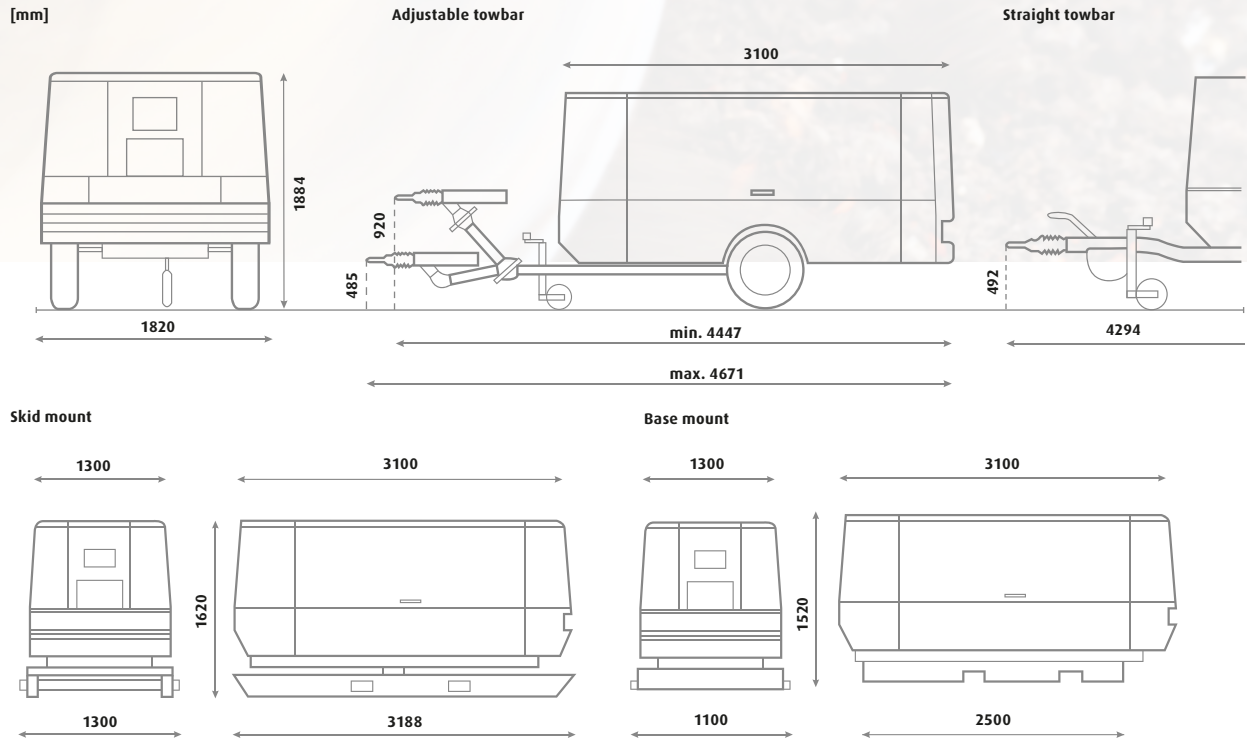
### • Automatic protection in case of malfunction:

- Engine oil pressure too low
- Cooling water temperature too high

- Intercooler temperature too high
- Airend 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



# Technical Data - c85-14 to C140-9



Product range		DLT 1304							
Type		C85-14	C95-12	C100-10	C110-9	C105-14	C115-12	C130-10	C140-9
<b>Operational data</b>									
Volume flow <sup>1)</sup>	m <sup>3</sup> /min	8.6	9.4	10.0	10.8	10.5	11.5	12.5	13.3
	cfm	304	332	353	381	371	406	441	470
Operating pressure range	bar	5-14	5-12	5-10	5-8.6	5-14	5-12	5-10	5-8.6
	psi	73-203	73-174	73-145	73-125	73-203	73-174	73-145	73-125
<b>Engine</b>		Deutz TCD 4.1 L4							
Installed engine power	kW	90	90	90	90	105	105	105	105
RPM-range	1/min	1300 - 1850	1300 - 2000	1300 - 2100	1300 - 2300	1300 - 1750	1300 - 1900	1300 - 2050	1300 - 2200
<b>Operating weight<sup>2)</sup></b>									
<b>Portable compressor</b>									
	adjustable towbar braked	kg	2075	2075	2075	2075	2160	2160	2160
	straight towbar braked	kg	2000	2000	2000	2000	2085	2085	2085
<b>Base mount</b>		kg	1860	1860	1860	1860	1945	1945	1945
<b>Skid mount</b>		kg	1970	1970	1970	1970	2055	2055	2055
<b>Filling capacities</b>									
Engine oil		l	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Diesel tank		l	175	175	175	175	175	175	175
Adblue tank capacity		l	20	20	20	20	20	20	20
Compressor oil		l	20	20	20	20	25.5	25.5	25.5
<b>Dimensions and connections</b>									
Length	adjustable towbar braked	mm	4447-4671	4447-4671	4447-4671	4447-4671	4447-4671	4447-4671	4447-4671
	straight towbar braked	mm	4294	4294	4294	4294	4294	4294	4294
Width		mm	1820	1820	1820	1820	1820	1820	1820
Height		mm	1884	1884	1884	1884	1884	1884	1884
Compressed air outlet			2 x 3/4" and 1 x 2"						
<b>Sound level</b>									
Sound pressure level <sup>3)</sup>		dB(A) LPA	70	70	70	70	70	70	70

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

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

<sup>3)</sup> Noise level acc. to PNEUROPN8NTC2.2 at 7 m