

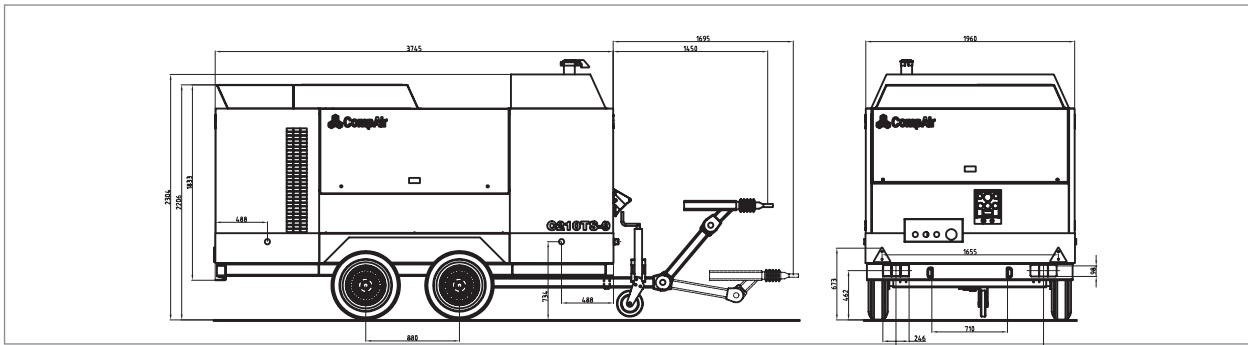


Features

- Reliable, robust and mechanically controlled B series Cummins engine with intermediate cooling, fulfils Level 2 of the international exhaust emission standard.
- Energy-saving compressor screw block machined with smallest tolerances, progressive volume flow. Regulation: Engine speed and air intake regulation are automatically adapted to compressed air requirement.
- Precompression of compressor intake air with intermediate cooling by means of second exhaust gas turbocharger.
- Increase in overall efficiency of the engine by 14%.
- Corrosion resistant, galvanised canopy sheet metal with lasting baked powder coating.
- Quick replacement of the individually bolted canopy panels, e.g. in case of accidents.
- 4 large and wide-opening front and side wing doors with robust gas struts ensure easy access for maintenance.
- Large fuel tank with 370 l [81.4 gal] capacity, sufficient for 9.5 h full load operation.
- Easy to access and to read instrument panel.
- Start with key-operated switch.
- Individual indicators for automatic safety cut-out in case of malfunction.
- Automatic cut-out for engine oil pressure, engine cooling water and compressor temperature, cooling water level and load control.
- Early warning light in case of lack of fuel, to prevent costly running empty of tank and bleeding of fuel system, sufficient for a further approx. 2 h of compressor operation.
- Standard pre-filter prevents pollution.
- Oil temperature control valve for very low ambient temperatures incorporated as standard.
- Central lifting eye for easy handling by crane.

Benefits

- **The smallest and lightest in their performance class**
for universal use due to their many options and various pressure variants.
- **Large fuel savings thanks to innovative patented system**
Fuel saving of up to 20 % of lifetime costs by second engine exhaust turbo.
- **Large control range 1000–2400 r.p.m.**
Equals 58 % of continuous control via speed change, this value is not achieved by any conventional compressor. As a result, control is very exact and precise and allows great fuel savings in partial load operation.
- **Eased engine starting**
Protects the engine / extends its lifetime.
- **Operation from –15°C to +50°C ambient temperature and at 5000 m [16400 ft] (a.s.l.) at 30°C ambient**
Significant reliability.
- **Tandem chassis**
Best manoeuvrability and stable.
- **Operating weight below 3500 kg [7716 lb]**
Thus also towable by vans and jeeps.
- **German-TÜV – testing only every 2 years**
Because of low operating weight, saves time and money.
- **Only requires parking brake**
Robust and simple, no complicated pneumatic brakes with ABS necessary.
- **6 automatic cut-out functions**
Protect engine and compressor.
- **Maintenance points on one side**
Easily and quickly accessible.
- **Screwed on individual panels with detachable insulating mats**
Economical and quick replacement.
- **Hot galvanised chassis with individual adjustment**
Long lasting and universally usable.



Technical Data		Options
Type	DL 2101	<ul style="list-style-type: none"> <input type="radio"/> Built-in aftercooler with automatic condensate separation. Reduces the moisture content in the compressed air. Additionally followed by built-in air re-heater using the heat of the compressor oil. <input type="radio"/> Built-in microfilter combination (in addition to above mentioned aftercooler) Air treatment with microfilters to ISO 8573.1 standards including ZTV-SIB 90 with residual oil content of < 0.01 ppm. <input type="radio"/> Base mount Bas-mount design for fixing to the loading deck of a truck. <input type="radio"/> Skid mount Skid-mount design with forklift openings for placing on the ground. <input type="radio"/> Pressure selector Setting of 2 working pressures that can be selected by manual change-over. <input type="radio"/> Special paint colour with customer adhesive vinyl Provides distinctive site identity and assists in traceability in the event of loss or theft. <input type="radio"/> Engine overspeed shutdown valve An overspeed valve in the engine inlet port ensures immediate shutdown in the event of ingestion of inflammable gas to prevent damage from overspeeding engine. <input type="radio"/> Exhaust spark arrestor Safe operation also in difficult areas like refineries etc. <input type="radio"/> Cold start aid Enables reliable starting also at ambient temperatures of minus 30 °C.
Trade name	C 200 TS-14 C 210 TS-12 C 230 TS-9	
Operational data		
Volume flow (m ³ /min) [cfm] ¹⁾	20 [707] 21 [742] 23 [813]	
Operating pressure (bar) [psi g]	14 [204] 12 [175] 8.6 [125]	
Operating pressure range (bar) [psi g]	5–14/12/9 [73–204/175/131]	
Oil capacity compressor (l) [gal]	65 [14]	
Engine		
Drive engine/Engine model	Cummins 6 B TT AA 5.9	
Cooling system	water cooled	
Installed engine power (kW) [bhp]	175 [235.2]	
Speed range (rpm)	1000–2400	
Oil capacity engine (l) [gal]	15 [3.3]	
Fuel tank capacity (l) [gal]	370 [81.4]	
Coolant Capacity (l) [gal]	65 [14.3]	
Weights/Dimensions		
Operating weight, braked, adjustable towbar (kg) [lb] ²⁾	3310 [7297]	
Allowable total weight (kg) [lb]	3500 [7716]	
Length braked, adjustable towbar (mm) [in]	min 5195 [205] – max 5440 [215]	
Length of canopy (mm) [in]	3750 [148]	
Width (mm) [in]	1960 [77]	
Height (mm) [in]	2304 [91]	
Compressed air outlets	3 x ¾" + 1 x 2"	
Sound levels		
Power sound level (dB(A)) acc. to 2000/14/EC ³⁾	102	
Pressure sound level (dB(A)) acc. to German "AVV"	74	
PNEUROP at 1 m ⁴⁾	83	
PNEUROP at 7 m ⁴⁾	72	
¹⁾ Acc. to ISO 1217 Ed. 3 1996 Annex D ²⁾ Without options ³⁾ Legal limiting values of EC directive ⁴⁾ PN8NTC.2		



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As at 11/05. Technical data subject to modification.

