

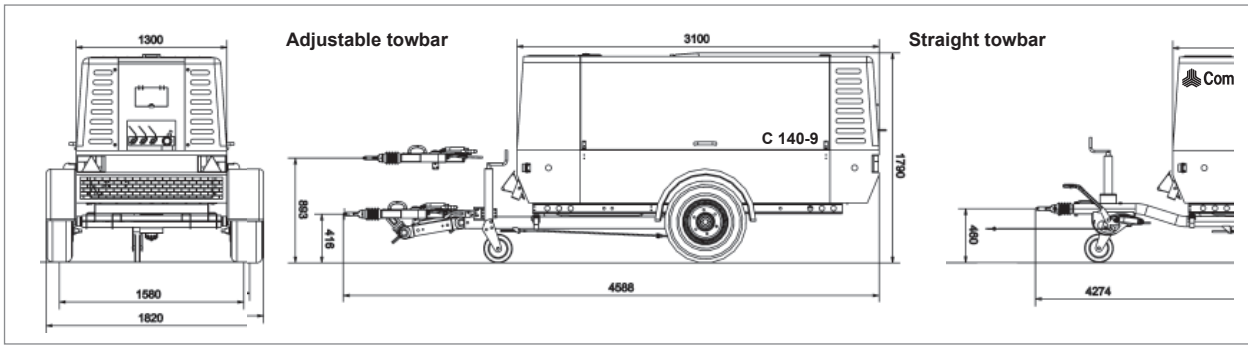


Features

- Reliable, fuel efficient Deutz engines of series 1013.
- 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.
- 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.
- 2 large and wide angle upwards opening side wing doors supported by gas struts offer easy access to the maintenance points.
- Additional front door for coolers maintenance.
- Elastic polyurethane mudguards to withstand rough handling on site.
- Easy to access and to read instrument panel.
- Inside battery main switch avoids unauthorised operation.
- Start by rotary switch to avoid loss of time caused by lost ignition key.
- Pilot lamps for automatic emergency stop in case of malfunction.
- Automatically shut down when the following faults occur:
 - charge control (e.g. rupture of v-belt, defective dynamo)
 - engine oil pressure too low
 - cooling water level too low
 - cooling water temperature too high
 - pre-compressed air temperature too high
 - compressor oil temperature too high
 - water present in fuel pre-filter.
- Automatic shut-down in case of lack of fuel with alarm lamp preventing from expensive running empty of tank and bleeding of fuel system.
- Transparent plastic fuel tank for direct visual level and pollution checking.
- Large fuel filter with water separator and manual filling pump increases operation reliability.
- Air end with spin-on oil filter cartridge, easy to replace.
- Central lifting eye for easy handling by crane.
- The unit has been provided with a 24 V electric system. This ensures sufficient power reserves in case of cold starts and a safe run-up ability.

Benefits

- **The strongest in their performance class** for universal use due to their many options and various pressure variants.
- **Inline arrangement of engine/compressor** clear separation of cold and warm zones.
- **Stable regulation with large speed range**, reduces fuel consumption, stable running characteristics under all charge modes.
- **Discharged starting of the engine soft start with compressor off load** protects the engine/extends working life.
- **Automatic Stop in case of lack of fuel** increases operational availability/functional safety, protects the starter.
- **Wide opening angle upwards side wing doors** very good maintenance access.
- **Bolted individual panels with detachable insulating mats** low-cost and quick replacement.
- **Greasable side wing doors hinges** ensure permanent function.
- **Robust plastic protection** protects the lighting elements.
- **Inside battery main switch** prevents from unauthorised use.
- **Large and transparent plastic fuel tank** no interruption during single-shift work, easy visual fuel level checking.
- **Hot-galvanised trailer chassis including individual adoption** long-life and versatile.
- **Operation at +50°C ambient temperature as well as 1000 m [3281 ft] above sea level** big operational reliability.



Technical Data		Options		
Type	DLT 1302			
Trade name	C 105-14	C 115-12	C 140-9	
Operational data				
Volume flow (m ³ /min) [cfm] ¹⁾	10.6 [375]	11.6 [410]	13.3 [470]	
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]	25 [5.5]			
Engine				
Drive engine/Engine model	Deutz BF4M1013EC			
Cooling system	water			
Installed engine power (kW) [bhp]	111 [149]			
Speed range (rpm)	1350–2200			
Oil capacity engine (l) [gal]	10 [2.2]			
Fuel tank capacity (l) [gal]	210 [46.2]			
Weights/Dimensions				
Operating weight, braked, adjustable towbar (kg) [lb]	2090 [4608]			
braked, straight towbar (kg) [lb]	2036 [4490]			
Allowable total weight (kg) [lb]	2200 [4850]			
Length braked, adjustable towbar (mm) [in]	min 4380 [172] – max 4544 [179]			
braked, straight towbar (mm) [in]	4274 [168]			
Length of canopy (mm) [in]	3100 [122]			
Width (mm) [in]	1580 [62.2]			
Height (mm) [in]	1765 [69.5]			
Compressed air outlets	3 x 3/4" + 1 x 2"			
Sound levels				
Power sound level (dB(A)) acc. to 2000/14/EC ²⁾	101			
Pressure sound level (dB(A)) acc. to German "AVV"	72			
PNEUROP at 1 m ³⁾	83			
PNEUROP at 7 m ³⁾	72			
<ul style="list-style-type: none"> <input type="radio"/> Integrated aftercooler with automatic condensate separation and with/without downstream compressed air re-heating. <input type="radio"/> Aftercooler together with ultra-fine filters guarantees compressed air quality acc. to German standard ZTV-SIB 90. <input type="radio"/> Hose reel with 20 m [66 ft] 3/4"-hose offers material protection and comfortable transport. <input type="radio"/> Base mount for mounting on trucks. <input type="radio"/> Skid mount for stationary site installation. <input type="radio"/> Various chassis versions. <input type="radio"/> Engine overspeed shutdown. <input type="radio"/> Compressor oil temperature regulating valve ensures safe operation of compressor at low ambient temperatures or extreme partial load. <input type="radio"/> Tool oiler of 4.3 litres [1 gal] capacity <input type="radio"/> Exhaust spark arrestor safe operation also in difficult areas like refineries etc. <input type="radio"/> Painting in customer's colour etc. 				
¹⁾ Acc. to ISO 1217 Ed. 3 1996 Annex D ²⁾ Legal limiting values of EC directive ³⁾ PN8NTC.2				



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

