

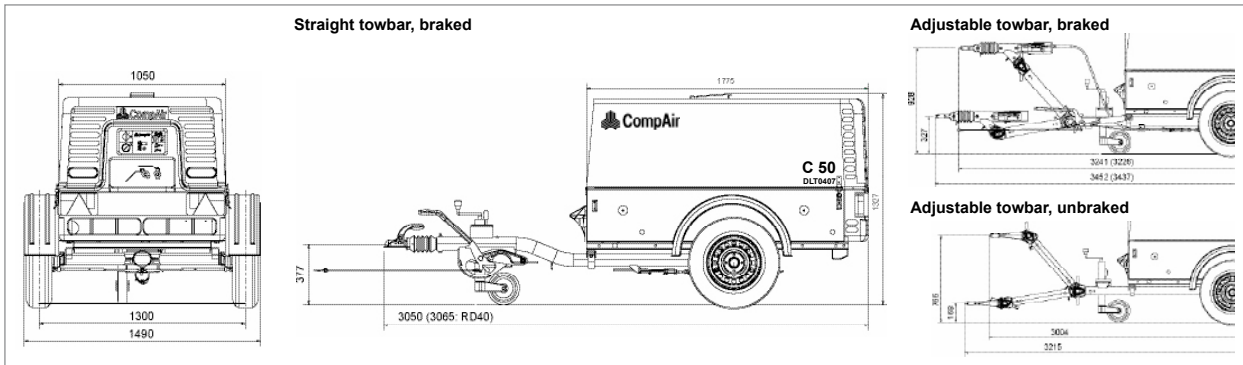


Features

- **Robust, water-cooled Cummins engine, series A2300.**
- Quiet running low vibration 4 cylinder engine.
- Complies with latest exhaust emission legislation.
- Manual priming pump and fuel filter with water-separator.
- Optimum accessibility for maintenance and service, from one side of machine.
- 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.
- Elastic polyurethane mudguards to withstand rough handling on site.
- Two galvanised tool boxes prevent tools from being lost or damaged during transport
- Easy to access and read instrument panel with tamper proof digital hour counter.
- Automatic shut down in case of low engine oil pressure, high engine and compressor temperatures.
- Automatic shut down in case of low fuel prevents the need to bleed the fuel system.
- Individual warning lights to indicate the fault causing the emergency shut down.
- Warning light remains on until fault rectified.
- Transparent plastic fuel tank for direct visual level and pollution checking.
- Standard pre-filter prevents pollution.
- Air end with spin-on oil filter cartridge, easy to replace.
- Central lifting eye for easy handling by crane.

Benefits

- **Inline arrangement of engine/compressor**
Clear separation of cold and warm zones.
- **Stable large range speed regulation,**
reduces fuel consumption, stable running characteristics under all loads.
- **Soft start**
allows the engine to warm up with compressor off load.
- **Automatic shut down in case of low fuel**
increases operational availability/functional safety, and protects the starter.
- **Wide opening hinged hood with 2 robust gas struts**
Very good maintenance access.
- **Bolted individual panels with detachable insulating mats**
Low cost and quick replacement.
- **Corrosion resistant, galvanised canopy panels**
with lasting baked powder coating.
- **Greasable hood hinges**
ensure permanent function.
- **Robust plastic protection**
protects the lighting elements.
- **Inside main isolation switch**
prevents unauthorised use.
- **Start by rotary switch**
to avoid loss of time caused by lost ignition key.
- **Large and transparent plastic fuel tank**
No interruption during single-shift work, easy visual fuel level checking.
- **Hot galvanised trailer chassis in various options**
Long life and versatile.
- **Operation at +50°C ambient temperature as well as 1500 m above sea level**
Big operational reliability.
- **Tool oiler, 2.5 l capacity,**
As an option, for the lubrication of tools.



Technical Data		Options
Type	DLT 0407	
Trade name	C 50	C 50 G
Operational data		
Volume flow (m ³ /min) ¹⁾	5.0	
Operating pressure (bar)	7	
Operating pressure range (bar)	5–8	
Oil capacity compressor (l)	9	
Engine		
Drive engine/Engine model	Cummins A 2300	
Number of cylinders	4	
Cooling system (l)	Water cooled 7.5	
Installed engine power (kW)	35.5	
Speed range (rpm)	1700–2800	
Oil capacity engine (l)	5.5	
Fuel tank capacity (l)	60	
Generator with automatic idle run		
Generator	Synchronous	
Enclosure	IP 54	
Voltage (V)	110/230/400	
Frequency (Hz)	50	
Current generator 7 kVA	1-phase 45 A	
Current generator 8 kVA	1-phase 21.6 A–3-phase 11.5 A	
Current generator 12 kVA	1-phase 26.1 A–3-phase 17.4 A	
Max. power at 7 kVA 110V	7.0 kVA	
Max. power at 8 kVA 230V/400V	5.0/8.0 kVA	
Max. power at 12 kVA 230V/400V	6.0/12.0 kVA	
Sockets 7 kVA	2 x CEE 16 A and 1 x CEE 32 A	
Sockets 8 kVA/12 kVA CEE 230 V/400V	2 x CEE 16 A /1 x CEE 16 A	
Weights/Dimensions		
Operating weight braked, straight towbar (kg)	866	²⁾ 933 ³⁾ 950
Operating weight braked, adjustable towbar (kg)	826	²⁾ 893 ³⁾ 910
Allowable total weight braked / unbraked (kg)	1025	
Allowable total weight braked (kg)	min 3241 – max 3452	
Length braked, adjustable towbar (mm)	3065	
braked, straight towbar (mm)	min 3215 – max 3004	
unbraked, adjustable towbar (mm)	1775	
Length of canopy (mm)	1490	
Width (mm)	1327	
Height (mm)	2 x ¾"	
Compressed air outlets		
Sound levels		
Power sound level (dB(A)) acc. to 2000/14/EC ⁴⁾	98	
Pressure sound level (dB(A)) acc. to PNEUROP at 1 m ⁵⁾	82	
PNEUROP at 7 m ⁵⁾	69	

¹⁾ Acc. to ISO 1217 Ed. 3 1996 Annex D ²⁾ With generator 7 kVA or 8kVA ³⁾ With generator 12 kVA
⁴⁾ Legal limiting values of EC directive from 01.01.2006 ⁵⁾ PN8NTC.2

- Compressor oil thermostatic valve**
ensures safe operation of the compressor at low ambient temperatures. Prevents compressed air tools from freezing.
- Integrated aftercooler**
with automatic condensate drain available with/without downstream compressed air re-heating.
- Aftercooler together with ultra-fine filters**
guarantees compressed air quality acc. to German standard ZTV-ING Part 3, Paragraph 4 / ISO 8573.1.
- Hose reel with 20 m [66 ft] ¾"-hose**
offers material protection and comfortable transport.
- Base mount**
For mounting on trucks.
- Skid mount**
For stationary site installation.
- Various chassis versions available**
- Catch pan for fluids.**
- Variety of towing eyes**
NATO, 40 mm DIN, 50 mm ball head etc. for passenger cars and trucks.
- Generator**
7 kVA 110V, 8 kVA 230V/400V or 12 kVA 230V/400V enable the additional operation of electrical items.



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