

C200TS-24 to C270TS-9, C200TS-24, C210TS-21, C230TS-17

DLT 2703 **with EU Stage V engine**



Operating pressure
7 to 24 bar



Volume flow
20 to 27 m³/min



Engine power
180 or 224 kW



Permissible gross weight
3.500 kg

UP TO
**24
BAR**

**GERMAN
ENGINEERING
& DESIGN**



According to
EU Stage V



Typical applications

- ▶ Drilling (rock consolidation, mountain reinforcement, wells and geothermy)
- ▶ Soil loosening (compressed air lances)
- ▶ Building and bridge reconstruction
- ▶ Concrete spraying
- ▶ Spray painting; sand- and ice-blasting
- ▶ Jetting fibre-optic cables
- ▶ Pipeline construction
- ▶ Ramming; Pulling
- ▶ Bubble curtains, oil barriers and water decontamination
- ▶ Standby operation (emergency air supply)

Features

Reliable, electronically controlled Cummins engine (QSB series); equipped with an exhaust gas treatment system, (SCRT®) the compressor meets all of the statutory threshold values of Stage V according (EU) 2016/1628

Mobile 5 program: up to 5 years warranty on the package except engine

SCRT® system = oxidation catalytic converter, diesel particle filter (DPF) made from sintered metal and SCR module

Patented pre-compression of the compressed air with additional turbo charger

Operating weight below 3.500 kg

4 large front and side folding doors that open wide, made from corrosion-resistant, galvanised steel plate with durable powder coating.

Sheet metal components screw on individually

Large diesel and urea tank (AdBlue)

Electronic monitoring system for engine, compressor and SCRT® system

Standard fuel pre-filter with water separator

Standard oil temperature control valve

User-friendly display

Yellow warning beacon

Battery disconnect switch as standard

Benefits

Servicing of the engine as previously (no higher specifications for engine oil or diesel fuel; in its 2nd life-cycle, the system can also be used at little cost in countries with no emissions controls (downgrade)

Operational safety with warranty

Cleaning of the diesel particle filter (DPF) with conventional high-pressure cleaner possible; very low maintenance costs

Low operating costs thanks to high fuel savings (up to 30% possible in comparison to conventional compressors)

Can be moved with transporter or SUV. Pressure vessel check only every 5 years. Only overrun brake required

Easy and quick to service; long service life, even under demanding conditions or environmental factors

Easy to replace if damaged

Continuous operation without process interruption

High operational reliability with automatic shutdown in the event of a fault, e.g.: engine oil pressure too low, cooling water temperature too high, charge air temperature too high, and many more.

Long engine service life thanks to effective separation of water and dirt particles

High reliability, stability and efficiency thanks to optimal operating temperature and reduced condensate formation

Quick and easy to operate: operating pressure set in 0.1 bar steps; individual fault display; fast fault diagnostics

Additional visual display for warnings and faults

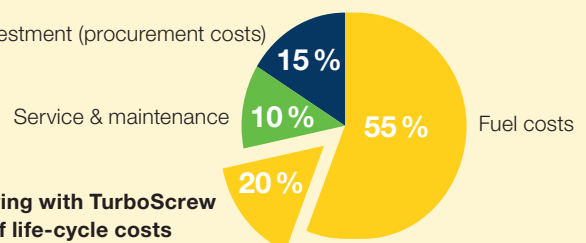
Operational protection against unintentional switch-on

Potential fuel savings

Based on standard operating conditions on building sites and service for 10,000 operating hours, diesel fuel savings of up to 30% can easily be achieved in comparison to conventional compressors in this performance class. The result is a saving of 20% of the overall life-cycle costs

The benefit to you: significant cost savings!

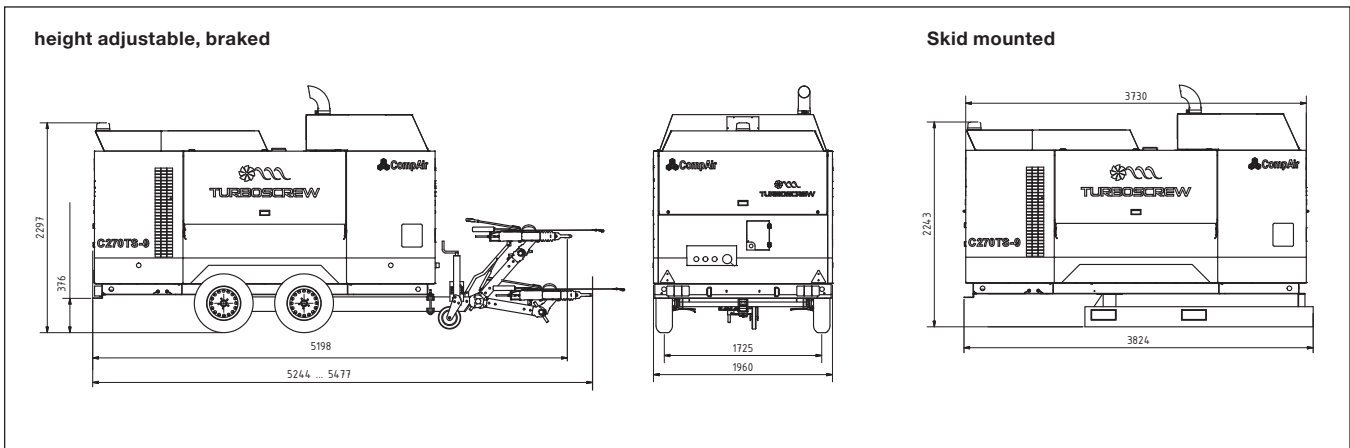
Investment (procurement costs)



**Fuel saving with TurboScrew
= 20% of life-cycle costs**

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DLT 2703 with EU Stage V engine



UP TO
24
BAR

Technical data

Series	DLT 2703									DLT 2703 HP			
	C200 TS-14	C210 TS-12	C220 TS-10	C230 TS-9	C240 TS-14	C250 TS-12	C260 TS-10	C270 TS-9	C200 TS-24	C210 TS-21	C230 TS-17		
Volume flow at operating overpressure ¹⁾	m ³ /min	20	21	22	23	24	25	26	27	20	21	23	
Operating overpressure	bar	6–14	6–12	6–10	6–8.6	6–14	6–12	6–10	6–8.6	14–24	14–21	14–17	
Engine		GD-M2 (Cummins QSB6.7 + SCRT)									GD-M2 (Cummins QSB6.7 + SCRT)		
Emission standard		EU Stage V											
Cylinders		6											
Cooling system		Water cooling											
Installed engine power	kW	180			224			224					
Idle speed – full speed	1/min	1200–2400											
Tank capacity	l	350											
Operating weight ²⁾													
– height adjustable, braked	kg	3300			3340			3360					
Dimensions LxWxH adjustable, braked	mm	5198 – 5424 x 1960 x 2701									5198 – 5424 x 1960 x 2701		
Compressed air connections		3 x 3/4" und 1 x 2"									1 x 2"		
Sound pressure level ⁴⁾	dB(A) LPA	71											

¹⁾ According to ISO 1217 Ed. 4 2009 Annex D ²⁾ Operating weight with operating materials, without options ³⁾ All models are available with body and skid frames
⁴⁾ Sound pressure level according to PNEUROP PN8NTC2.2 at 7 m

AirPlus – Many Options for many Applications

► Aftercooler⁵⁾

with automatic condensate separation: Reduces water content in compressed air. Additional downstream integral heat exchanger, which uses the heat from the compressor oil to heat the compressed air

► Finefilter⁵⁾

(in addition to the aftercooler) Air preparation with ultra-fine filters in accordance with ISO 8573.1 including ZTV-ING Part 3 para. 4 with a residual oil content below 0.01 ppm

► Chalwyn Valve

► Spark Arrestor

► Option Remote start/stop

► Base mount for mounting on trucks

► Skid mount for stationary installation

► Customer colours

► Cold-start aid

Facilitates reliable starting even at an ambient temperature of minus 25°C

⁵⁾ Available only for the following types: C200 TS-14, C210 TS-12, C220 TS-10, C230 TS-9, C240 TS-14, C250 TS-12, C260 TS-10 and C270 TS-9

For more information – click here:

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