

Mobile compressors

Turning power into efficiency



GERMAN 
ENGINEERING
DESIGN & MANUFACTURE

Reliable mobile compressed air solutions

C10-12 – C270TS-9

Mobile compressors

Detailed solutions and unique machine designs

CompAir mobile compressors prove their reliability in the toughest site conditions and offer significant cost savings through energy efficiency and low maintenance.

6 ranges, 36 types – numerous application options & many benefits:



Diesel engines according to **European exhaust regulations**



Mobile 5 warranty **up to 5 years protection** for your investment



Pressure ranges **5 to 24 bar**



Original service kits for **cost-effective maintenance**



Flow rates **1 to 27 m³/min**



Minimal life cycle costs



Engine outputs **15.5 to 224 kW**



Low fuel consumption



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In-house design and manufacture of **compressor stages**



TurboScrew compressor with **unique bi-turbo technology**



Designed for the toughest site conditions

Our developers know what matters: reliable power supply for every application, in all weather conditions, for every tool. And the better the tool, the more efficient and therefore economical the work.



CompAir Original Service Kits

CompAir Original Service Kits are the **simple and cost-effective solution** for preventive maintenance or repair on CompAir mobile compressors. Each service kit contains genuine CompAir spare parts

and is tailored to the requirements of the relevant model. Downtime for maintenance as well as time spent on repairs can be minimised.

Your benefits:



All parts – **one package**



Virtually uncomplicated, just one ordering process



Reduce costs



Avoid downtime



Longer service life



Meet **current standards**



Available through **CompAir's worldwide** customer service network



Practical kits for easier maintenance and logistics planning

Mobile compressors

Complete and efficient

No matter which compressor you need, CompAir has an economical solution for you.



All diesel engines future proofed in accordance with Regulation (EU) 2016/1628 Stage V



Series DLT 0101 **C10-12 – C14** **1.0 – 1.4 m³/min**

C10-12 – C14, the powerful alternative to power tools.

Compact compressor – only 155 kg operating weight, with a volume flow of 1.0 – 1.4 m³ / min at 7 – 12 bar. Ideal for a wide range of repair and installation work.



Series DLT 0207 **C20 – C30** **2.0 – 2.9 m³/min**



The new Yanmar Stage V engines power all models in the DLT0207 compressor family. The mechanically controlled engines offer optimum performance and do not require a diesel particulate filter (DPF) to comply with current EU legislation for diesel engines for construction machinery.

The improved combustion chamber and optimised fuel injection result in a high-quality product that is used in numerous applications in the construction industry world-wide. The reduced noise level of the engine ensures a low noise level. The integration of the oil thermostatic valve as standard equipment improves reliability and operational safety under all operating conditions.

Series DLT 0409
C35-10 – C50
3.5 – 5.0 m³/min



Thanks to the diesel particulate filter, the extremely quiet, water-cooled Yanmar 4-cylinder diesel engines in this highly successful CompAir range comply with the EU Stage V emissions standard. The compressors are ideally suited for urban applications where the

highest demands are made on low exhaust and noise emissions. The low operating weight of less than 750 kg or 810 kg (not height-adjustable unbraked or braked) is predestined for use in rental fleets. These compact, lightweight compressors are optionally available with built-in generator and / or aftercooler as well as various chassis.



Series DLT 0705-R1
C55-14 – C76
5.5 – 7.6 m³/min



This compressor series is characterised by low diesel consumption, which is 10% lower than that of the previous models. Equipped with diesel particulate filters and FPM (Flexible Power Management), the modern compressors comply with the EU Stage V emission standard.

Pressure variants up to 14 bar make this compact series extremely versatile and meet the requirements of numerous applications. The tool storage space under the bonnet offers room for two hammers, spike irons or other compressed air tools. Separate air filters for motor and compressor ensure long service life. All maintenance points are easily accessible.



Series DLT 1304
C85-14 – C140-9
8.6 – 13.3 m³/min



Whether road construction, civil engineering or renovation – designed for the toughest construction site conditions, this series impresses with reliability, compressed air quality and service-friendliness and has comparatively above-average standard

equipment. The 24-volt power supply guarantees the best starting characteristics even at low temperatures. The longevity is additionally increased by automatic safety shutdowns. Equipped with an energy-efficient Deutz TCD4.1 L4 diesel engine with electronic injection and diesel particulate filter, the traction unit complies with the EU Stage V emissions standard.



Series DLT 2703, C200TS-24 – C270TS-9

More efficiency with TurboScrew

UP TO
24
BAR



Series DLT 2703
C200TS-24 – C270TS-9
20.0 – 27.0 m³/min



The TurboScrew compressors with their unique bi-turbo technology feature excellent fuel savings, a very low weight of 3,500 kg and highly environmentally friendly performance according to Regulation (EU) 2016/1628 Stage V.





The new TurboScrew compressors are equipped with an approved SCRT® (Selective Catalytic Reduction Technology) system that removes virtually all soot particles and nitrogen oxides from diesel exhaust gases.






TurboScrew technology

The patented TurboScrew system is CompAir's active contribution to energy saving and environmental protection. The CompAir screw compressor is driven by a turbocharged Cummins diesel engine. This has an additional turbocharger to pre-compress the compressed air before it enters the CompAir screw compressor.



TURBOSCREW

<div>Technical data</div>																		
																		
	<div>LOW EMISSION ZONE</div>			<div>LOW EMISSION ZONE</div>					<div>LOW EMISSION ZONE</div>				<div>LOW EMISSION ZONE</div>					
Series	DLT 0101			DLT 0207					DLT 0409				DLT 0705-R1					
Type	C10-12	C12-10	C14	C20	C20-12	C25	C25-10	C30	C35-10	C38	C42	C50	C55-14	C60-12	C65-10	C65HS ⁹⁾	C76	
Volume flow at operating overpressure ¹⁾ m³/min	1.0	1.2	1.4	2.0	1.8	2.5	2.3	2.9	3.5	3.8	4.2	5.0	5.5	6.0	6.5	6.5	7.6	
Operating overpressure bar	12	10	7	7	12	7	10	6	10	7	7	7	14	12	10	7	7	
Compressed air connections	1 x 3/4"			2 x 3/4"					2 x 3/4"				3 x 3/4" + (1 x 1 1/2" optional)					
Motor	Honda GX 630			...MCP	Yanmar 3TNV76-... ...UDCP				Yanmar 4TNV88C-DCP				Yanmar 4TNV98CT-NCP					
Installed motor power kW	15.5			16.5	18.9				35.0				53.7					
Speed at no load 1/min	2200			1800	2000	1800	2000	1800	1500				1500					
Speed at full load 1/min	2900			2600	3000				2800				2200	2350	2500			
Tank capacity l	20			32					60				140					
Operating weight ²⁾³⁾ manually movable kg	155			–					–				–					
height adjustable braked kg	–			636					850/785				880/825	1240				
height adjustable unbraked kg	–			600					765/730				–	–				
Dimensions L x W x H mm	890 x 635 x 670			2988–3192 x 1456 x 1250					3565–3910 x 1490 x 1326				3943–3974 x 1700 x 1440					
Sound pressure level ⁴⁾ dB(A) LPA	69			69					69				69					

																																	
Technical data																																	
Series	DLT 1304															DLT 2703															DLT 2703 HP		
Type	C85-14	C95-12	C100-10	C110-9	C105-14	C115-12	C130-10	C140-9	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⁾	m³/min	8.6	9.4	10.0	10.8	10.5	11.5	13	13.3	20	21	22	23	24	25	26	27	20	21	23													
Operating overpressure	bar	5-14	5-12	5-10	5-8.6	5-14	5-12	5-10	5-8.6	6-14	6-12	6-10	6-8.6	6-14	6-12	6-10	6-8.6	14-24	14-21	14-17													
Compressed air connections		2 x 3/4" und 1 x 2"								3 x 3/4" und 1 x 2"								1 x 2"															
Motor		Deutz TCD 4.1 L4								GD-M2-Cummins QSB 6,7 + SCRT								GD-M2-Cummins QSB 6,7 + SCRT															
Installed motor power	kW	90				105				180				224				224															
Speed at no load	1/min	1300								1200								1200															
Speed at full load	1/min	1850	2000	2100	2300	1750	1900	2050	2200	2400								2400															
Tank capacity	l	175								350								350															
Operating weight ²⁾³⁾		2075								3300								3340															
height adjustable braked	kg	2075				2160				3300				3340				3340															
Dimensions LxWxH	mm	4447-4671 x 1820 x 1884															5179-5405 x 1960 x 2636																
Sound pressure level ⁴⁾	dB(A) LPA	70								71								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 ⁵⁾ With power reserve for high-altitude use up to 3,000 m a.s.l.

AirPlus: Always the right options for your application

- Integrated aftercooler with subsequent heating of compressed air
- Ultra-fine filter combination according to ZTV-ING Part 3, Paragraph 4
- Bypass for ultra-fine filters
- Towing eyes car Ø 40 mm, 76 mm, 68 mm
- Various single-axle chassis variants
- without chassis
- with superstructure frame
- with skid frame
- Hose reel 20 m
- Tool oiler
- Check valve
- Special paint
- Generators 7 kVA (110 Volt) 9 kVA (400/230 Volt) 15 kVA (400/230 Volt)
- Cold start device
- Remote start stop (cable/radio)
- Spark arrestor
- Engine overspeed protection

Combinations of options are possible

Global experience — truly local service

With over 200 years of engineering excellence, the CompAir brand offers an extensive range of highly reliable, energy efficient compressors and accessories to suit all applications. An extensive network of dedicated CompAir sales companies and distributors across all continents provide global expertise with a truly local service, ensuring our advanced technology is backed up with the right support.



Portable Compressors (EU & Non EU Range)

C10-12 – C270TS-9
1 to 27 m³/min from 7 to 24 bar

Air Plus offers many variations and options:

- Aftercooler
- Ultra-fine filters
- Integrated generator
- Bunded bottom box
- Hose reel
- Chalwyn Valve
- Exhaust spark arrestor
- Exhaust gas particulate filter
- Customer colours

Tools:

- Chipping Hammers
- Rockdrills
- Pickhammers
- Breakers

Vibration damped tools:

- Rockdrills
- Pickhammers
- Breakers

Accessories:

- Large selection of pointed chisel, slat chisel and spade
- In line lubricator
- Water separator with or without oiler
- Air hoses

Service

- Technical support and advice
- Worldwide service network
- Reliable supply of spare parts
- Individual customer solutions
- Seminars and trainings