

One step ahead

Portable screw compressors



Reliable mobile compressed air solutions

C10-12 - C270TS-9

Designed To Last

CompAir Portable Compressors

Designed for the most demanding conditions.

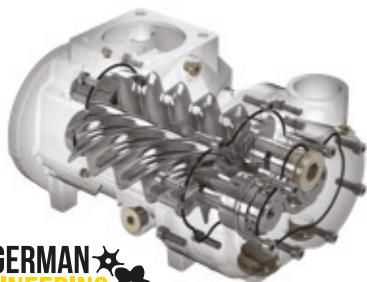
High-precision construction projects demand that the efficiency and reliability of compressors is of the highest calibre. CompAir offers a wide range of portable compressors, with a reputation within the industry for just that – compressors that meet the requirements of numerous mobile compressed air applications.

The C-Series from CompAir is constantly evolving and guarantees high energy efficiency, low emissions and many other innovations, which make daily operations and maintenance tasks much easier.

Engineering Excellence

Changing emission legislation is a key driver for development, but CompAir's passionate engineering team also strive to achieve the best possible performance at the lowest operational costs. The C-Series of portable compressors fulfills the emission standards in accordance with the directive 97/68/EC. Additionally, the compressors are very compact and lightweight which is a preference for many customers.

The screw compression element is the most important component of the compressor. Therefore CompAir keeps the design and manufacture in-house, using the latest CNC rotor grinding machinery, coupled with online laser technology. The resulting reliability and performance ensures that operating costs will remain low throughout the life of the compressor.



AirPlus

Tailored compressor solutions to fit your application.

CompAir offers numerous options and accessories allowing customers to configure the compressor according to the specific requirements of the application. Besides various components for air treatment, integrated generators, bundled bottom boxes, toolboxes, hose reels and integrated oilers, etc. can all be factory fitted.

To upgrade existing compressors according to current emission legislations, several models can be retrofitted with diesel particle filters (DPF). More information about AirPlus can be found on pages 14 and 15.

Compressed Air Tools

To complement our portable compressors, we offer a range of modern compressed air tools, which include various hammers, breakers, rockdrills and moles.



For further information please request our Compressed Air Tools brochure.



CompAir Genuine Parts

Enjoy complete peace of mind.

Genuine CompAir parts and lubricants ensure best performance and reliability is maintained.

- Minimum losses contributing to energy savings
- Long service life, even under harsh conditions
- High reliability



C10-12 to C14
 1.0 to 1.4 m³ / min
 Product range
 DLT 0101



C10-12 to C14 is a powerful alternative to electrical tools. Small, compact and lightweight, at only 165kg weight with 1.0 to 1.4 m³ / min at 7 to 12 bar. Perfect for a wide-range of repair and installation jobs.

Electric Start as Standard

Easy to start and flexible operation.

Honda GX 630V

Air cooled petrol engine.

Technical Data - C10-12 to C14

| Product Range | | DLT 0101 | | |
|--------------------------------------|----------------------|--------------|-------------|-------------|
| Type | | C10-12 | C12-10 | C14 |
| Operational data | | | | |
| Volume flow ¹⁾ | m ³ / min | 1.0 | 1.2 | 1.4 |
| | cfm | 35 | 42 | 49 |
| Operating pressure | bar | 12 | 10 | 7 |
| | psi | 174 | 145 | 101.5 |
| Engine | | Honda GX 630 | | |
| Installed engine power | kW | 15.5 | 15.5 | 15.5 |
| RPM-range | 1 / min | 2200 - 2900 | 2200 - 2900 | 2200 - 2900 |
| Operating weight²⁾ | | | | |
| Portable compressor | kg | 165 | 165 | 165 |
| Filling capacities | | | | |
| Engine oil | l | 1.9 | 1.9 | 1.9 |
| Fuel tank | l | 20 | 20 | 20 |
| Compressor oil | l | 4.0 | 4.0 | 4.0 |
| Dimensions and connections | | | | |
| Length | mm | 890 | 890 | 890 |
| Width | mm | 635 | 635 | 635 |
| Height | mm | 670 | 670 | 670 |
| Compressed air outlets | | 1 x 3 / 4" | | |
| Sound level | | | | |
| Sound power level | SWL | 93 | 93 | 93 |

¹⁾ Acc. to ISO 1217 Ed. 4 2009 Annex D ²⁾ Operating weight without options

C20 to C30

2.0 to 3.0 m³ / min
Product range
DLT 0206

This range has the output to run up to two breakers and is driven by quiet-running energy efficient Kubota engines. With the benefit of a wide engine speed range, fuel savings are increased and the engine reliability and lifetime are enhanced. The various applications of these compressors can be further enhanced by integrated generators, which can supply electric power for the site, lighting and electrical tools. With an operating weight of less than 500kg (unbraked) the compressor can be transported by small vehicles.

Soft Start

Extends the engine lifetime by reducing engine stress during start-up and allowing the engine to reach running temperature with the compressor unloaded.

Bolted Single Sheets

The steel canopy is galvanised and electrostatically coated, offering excellent protection against damage and corrosion. With bolted single sheets, exchange is both quick and easy.

Easy Access Hinged Hood

With two robust gas struts, the hood is light and easy to open, offering excellent accessibility for easy maintenance.

Kubota D1105/V1505

Reliable, energy efficient diesel engine.



Robust Plastic Protection

Protects the control panel and lighting elements.

Transparent Plastic Fuel Tank

Extremely robust, the plastic fuel tank allows direct visual level indication and contamination checks to be carried out in seconds.

Progressive Volume Flow Regulation

Engine speed and air intake regulation are automatically adapted to compressed air requirement.

Air End with Spin-on Oil Filter Cartridge

For quick and easy maintenance.

Internal Main Switch Board

To avoid unauthorised operation.

Central Lifting Eye

For easy handling by crane.

Operational Reliability

Designed for -10 to +45°C ambient temperature.

Oil Temperature Regulation Valve

Ensures safe operation of compressor at low ambient temperatures or extreme partial load as standard.

Portable-Control 1

- **Fully protected digital display**

With tamper proof hour counter

- **Automatic protection in case of malfunction:**

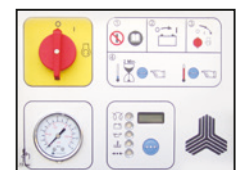
- Compressor temperature too high
- Engine oil pressure too low
- Engine temperature too high
- Battery voltage too low
- Fuel level too low

- **Indication lamps**

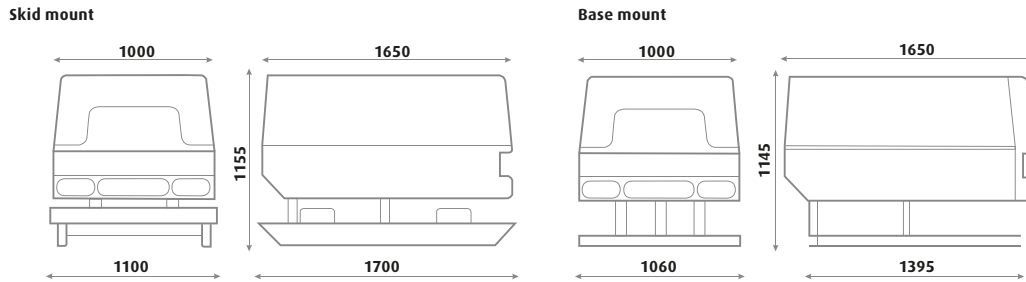
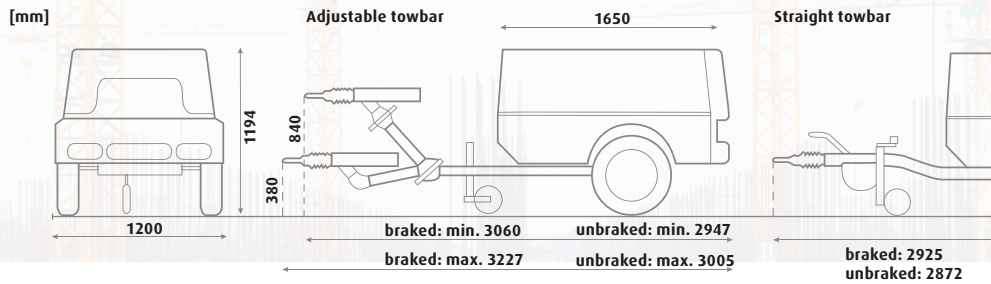
For automatic emergency stop in case of malfunction

- **Start by rotary switch**

To avoid loss of time caused by lost ignition key



Technical Data - C20 to C30



| Product Range | | DLT 0206 | | | | | | |
|---------------------------------------|--------------------------|--------------|-------------------|-------------|--------------|--------------|-------------|-------------------|
| Type | | C20 | C20GS | C20-14 | C25 | C25-10 | C30 | C30G |
| Operational data | | | | | | | | |
| Volume flow ¹⁾ | m ³ /min | 2.0 | 2.0 ²⁾ | 2.0 | 2.5 | 2.5 | 3.0 | 3.0 ²⁾ |
| | cfm | 70.6 | 70.6 | 70.6 | 88 | 88 | 105.9 | 105.9 |
| Operating pressure | bar | 7 | 7 | 14 | 7 | 10 | 7 | 7 |
| | psi | 101.5 | 101.5 | 203 | 101.5 | 145 | 101.5 | 101.5 |
| Engine | | Kubota D1105 | Kubota V1505 | | Kubota D1105 | Kubota V1505 | | |
| Installed engine power | kW | 16.3 | 23.1 | 23.1 | 19.4 | 23.1 | 23.1 | 23.1 |
| RPM-range | 1/min | 2000 - 2600 | 1800 - 2600 | 1800 - 2600 | 2000 - 3000 | 1800 - 2600 | 1800 - 2600 | 1800 - 2600 |
| Operating weight ³⁾ | | | | | | | | |
| Portable compressor | | | | | | | | |
| adjustable towbar braked | kg | 580 | 658 | 611 | 586 | 610 | 610 | 658 |
| adjustable towbar unbraked | kg | 539 | 617 | 570 | 545 | 570 | 570 | 617 |
| straight towbar braked | kg | 558 | 636 | 588 | 564 | 588 | 588 | 636 |
| straight towbar unbraked | kg | 528 | 606 | - | 534 | 558 | 558 | 606 |
| Base mount | kg | 458 | 535 | - | 463 | 485 | 485 | 535 |
| Skid mount | kg | 498 | 575 | - | 503 | 525 | 525 | 575 |
| Filling capacities | | | | | | | | |
| Engine oil | l | 5.1 | 6.0 | 6.0 | 5.1 | 6.0 | 6.0 | 6.0 |
| Diesel tank | l | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Compressor oil | l | 6.3 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 |
| Dimensions and connections | | | | | | | | |
| Length | adjustable towbar braked | mm | 3169-3227 | 3169-3227 | 3169-3227 | 3169-3227 | 3169-3227 | 3169-3227 |
| | straight towbar braked | mm | 2925 | 2925 | 2925 | 2925 | 2925 | 2925 |
| Width | mm | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 |
| Height | mm | 1194 | 1194 | 1194 | 1194 | 1194 | 1194 | 1194 |
| Compressed air outlets | | 2 x 3/4" | | | | | | |
| Sound level | | | | | | | | |
| Sound pressure level ⁴⁾ | dB(A) LPA | 69 | 69 | 69 | 69 | 69 | 69 | 69 |

¹⁾ Acc. to ISO 1217 Ed. 4 2009 Annex D

²⁾ 9 kVA generator (C20GS max. 6 kVA)

³⁾ Operating weight without options

⁴⁾ Noise level acc. to PNEUROP PN8NTC2.2 at 7 m

C35-10 to C50

3.5 to 5.0 m³ / min

Product range

DLT 0408



The highly successful CompAir range C35-10 to C50 is driven by very quiet-running, water-cooled Yanmar 4-cylinder diesel engines. The compressor is particularly suitable for applications in cities and built-up areas, where stringent restrictions are set on noise emissions. The light construction of under 750 kg (C38 and C42 unbraked) makes the compressor suitable for many different applications and is therefore ideal for use by hire companies. These compact and lightweight compressors are available with various chassis and also with the option of integrated generator or aftercooler or both.

Soft Start

Extends the engine lifetime by reducing engine stress during start-up and allowing the engine to reach running temperature with the compressor unloaded.

Bolted Single Sheets

The steel canopy is galvanised and electrostatically coated, offering excellent protection against damage and corrosion. With bolted single sheets, exchange is both quick and easy.

Easy Access Hinged Hood

With two robust gas struts, the hood is light and easy to open, offering excellent accessibility for easy maintenance.

Yanmar 4TNV88BKCP

Quiet-running and low vibration 4-cylinder diesel engine with direct injection.

Robust Plastic Protection

Protects the control panel and lighting elements.

Fuel Filter

Fuel contamination is controlled by a high quality filter which includes water separation. In addition to this, every compressor has an electronic fuel pump, alarm and fuel cooler.

Air Filters

Separate air filters for engine and air compressor with lighting elements.

Progressive Volume Flow Regulation

Engine speed and air intake regulation are automatically adapted to compressed air requirement.

Air End with Spin-on Oil Filter Cartridge

For quick and easy maintenance.

Internal Main Switch Board

To avoid unauthorised operation.

Central Lifting Eye

For easy handling by crane.

Transparent Plastic Fuel Tank

Allows direct visual level indication and quick contamination checks.

Operational Reliability

Designed for -10 to +45°C ambient temperature.

Oil Temperature Regulation Valve

Ensures safe operation of compressor at low ambient temperatures or extreme partial load as standard.

Retrofit Kit For Diesel Particle Filter

For low emission zone compliance.

Optional Filtration

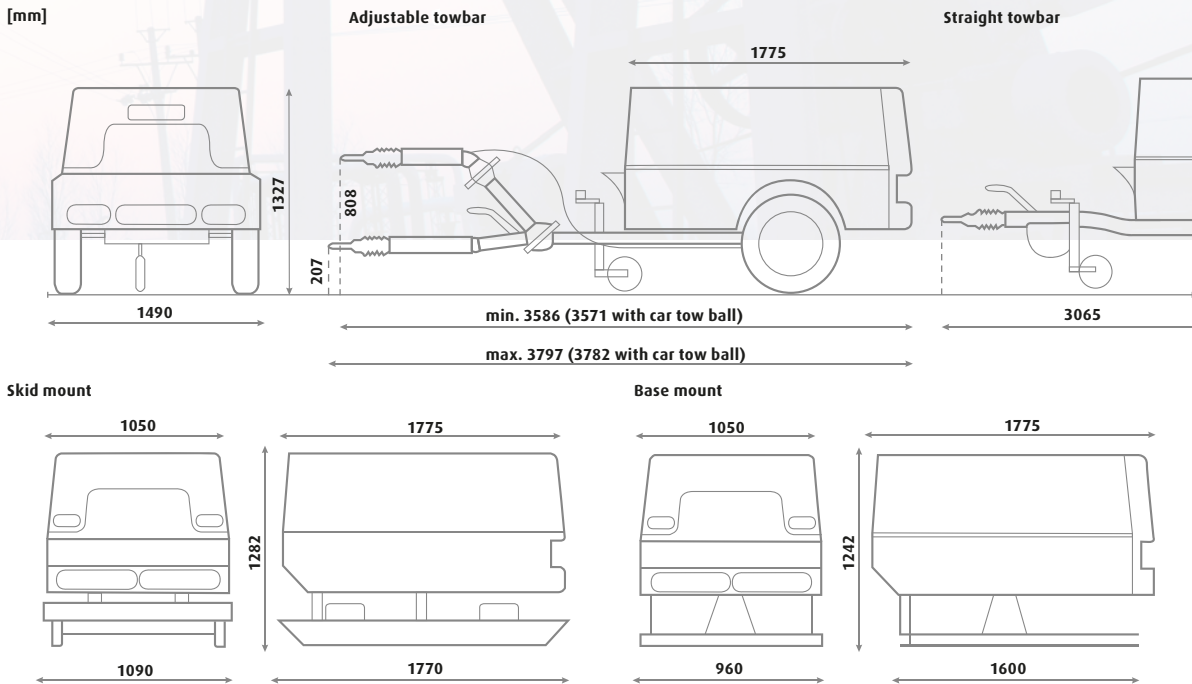
According to ZTV-ING part 3 section 4.



Portable-Control 2

- **Fully protected digital display**
With tamper proof hour counter
- **Indication lamps**
 - Preheat
 - Operation
 - Automatic emergency stop after malfunction
- **Start by rotary switch**
To avoid loss of time caused by lost ignition key
- **Automatic protection in case of malfunction:**
 - Compressor temperature too high
 - Engine oil pressure too low
 - Engine temperature too high
 - Battery voltage too low
 - Rotational speed too low
 - Cooling water too low
 - Fuel level too low

Technical Data - C35-10 to C50



| Product range | | DLT 0408 | | | | |
|--------------------------------------|----------------------------|-------------------|-------------|-------------|-------------|-------------|
| Type | | C35-10 | C38 | C42 | C50 | |
| Operational data | | | | | | |
| Volume flow ¹⁾ | m ³ /min | 3.5 | 3.8 | 4.2 | 5.0 | |
| (Optional 9 or 15 kVA Generator) | cfm | 123.6 | 134 | 148 | 176.5 | |
| Operating pressure | bar | 10 | 7 | 7 | 7 | |
| | psi | 145 | 101.5 | 101.5 | 101.5 | |
| Engine | | Yanmar 4TNV88BKCP | | | | |
| Installed engine power | kW | 35.0 | 35.0 | 35.0 | 35.0 | |
| RPM-range | 1/min | 1600 - 2800 | 1600 - 2800 | 1600 - 2800 | 1600 - 2800 | |
| Operating weight²⁾ | | | | | | |
| Portable compressor | adjustable towbar braked | kg | 810 | 810 | 810 | 866 |
| | adjustable towbar unbraked | kg | 745 | 745 | 745 | - |
| | straight towbar braked | kg | 775 | 775 | 775 | 835 |
| | straight towbar unbraked | kg | 740 | 740 | 740 | - |
| Base mount | kg | 685 | 685 | 685 | 780 | |
| Skid mount | kg | 740 | 740 | 740 | 800 | |
| Filling capacities | | | | | | |
| Engine oil | l | 7.4 | 7.4 | 7.4 | 7.4 | |
| Diesel tank | l | 60 | 60 | 60 | 60 | |
| Compressor oil | l | 9 | 9 | 9 | 9 | |
| Dimensions and connections | | | | | | |
| Length | adjustable towbar braked | mm | 3586 - 3797 | 3586 - 3797 | 3586 - 3797 | 3586 - 3797 |
| | straight towbar braked | mm | 3065 | 3065 | 3065 | 3065 |
| Width | mm | 1490 | 1490 | 1490 | 1490 | |
| Height (adjustable towbar, braked) | mm | 1327 | 1327 | 1327 | 1327 | |
| Compressed air outlet | | 2 x 3/4" | | | | |
| Sound level | | | | | | |
| Sound pressure level ³⁾ | dB(A) LPA | 69 | 69 | 69 | 69 | |

¹⁾ Acc. to ISO 1217 Ed. 4 2009 Annex D ²⁾ Operating weight without options ³⁾ Noise level acc. to PNEUROP PN8NTC.2.2 at 7 m

C55-14 to C76

5.5 to 7.6 m³ / min
Product range
DLT 0705

This new range of compressors stands out for its low diesel consumption, which is 10% less than the previous range. Equipped with a Diesel Particle Filter, these modern compressors are built to the latest emission standard Stage 3B. Thanks to a wide pressure range up to 14 bar, this compact compressor range is extremely versatile and meets the requirements of numerous applications. The compressors have enough storage capacity for two hammers, picks or any other pneumatic tools. Separate engine and compressor air filters guarantee a long service life. All of the service points are strategically located for easy access.

Soft Start

Extends the engine lifetime by reducing engine stress during start-up and allowing the engine to reach running temperature with the compressor unloaded.

Bolted Single Sheets

The steel canopy is galvanised and electrostatically coated, offering excellent protection against damage and corrosion. With bolted single sheets, exchange is both quick and easy.

Easy Access Hinged Hood

With two robust gas struts, the hood is light and easy to open, offering excellent accessibility for easy maintenance.

Yanmar 4TNV98CT-NCP

Quiet-running and low vibration 4-cylinder diesel engine with diesel particle filter.

Robust Plastic Protection

Protects the control panel and lighting elements.



Fuel Filter

Fuel contamination is controlled by a high quality filter which includes water separation. In addition to this every compressor has an electronic fuel pump.

Air Filters

Separate air filters for engine and air compressor with lighting elements.

Progressive Volume Flow Regulation

Engine speed and air intake regulation are automatically adapted to compressed air requirement.

Air End With Spin-On Oil Filter Cartridge

For quick and easy maintenance.

Internal Main Switch Board

To avoid unauthorised operation.

Central Lifting Eye

For easy handling by crane.

Transparent Plastic Fuel Tank

Allows direct visual level indication and quick contamination checks, includes drain port.

Operational Reliability

Designed for -10 to +45°C ambient temperature.

Oil Temperature Regulation Valve

Ensures safe operation of compressor at low ambient temperatures or extreme partial load as standard.

Optional Filtration

According to ZTV-ING part 3 section 4.

Portable-Control 2+

- **Fully protected digital display**

With tamper proof hour counter

- **Indication lamps**

For automatic emergency stop in case of malfunction

- **Automatic protection in case of malfunction:**

- Compressor temperature too high

- Engine oil pressure too low

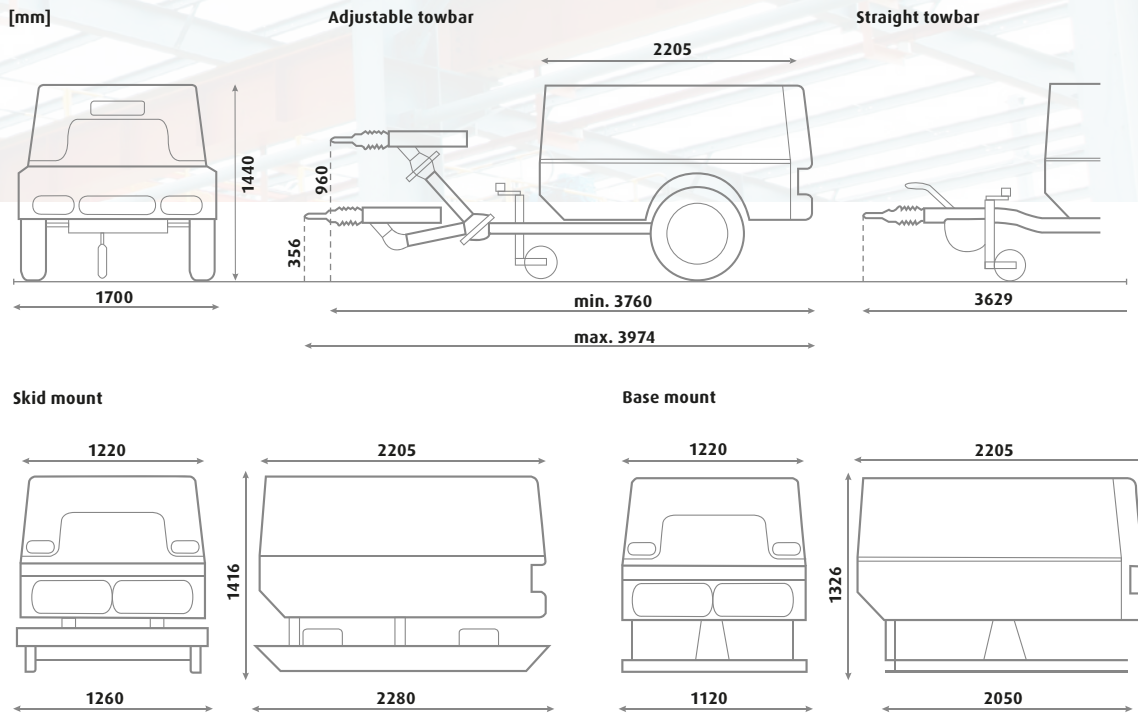
- Engine temperature too high

- Battery voltage too low

- Fuel level too low

- Service requirement Diesel Particle Filter

Technical Data - C55-14 to C76



| Product range | | DLT 0705 | | | | |
|---------------------------------------|--------------------------|---|-------------------------------|-------------|-------------|-------------|
| Type | | C55-14 | C60-12 | C65-10 | C65HS | C76 |
| Operational data | | | | | | |
| Volume flow ¹⁾ | m ³ /min | 5.5 | 6.0 | 6.5 | 6.5 | 7.6 |
| (Optional 9 or 15 kVA Generator) | cfm | 194 | 211.9 | 229.5 | 229.5 | 268 |
| Operating pressure | bar | 14 | 12 | 10 | 7 | 7 |
| | psi | 203 | 174 | 145 | 101.5 | 101.5 |
| Engine | | Yanmar 4TNV98CT-NCP, 4-cylinder, water-cooled | | | | |
| Installed engine power | kW | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| RPM range | 1/min | 1500 - 2500 | 1500 - 2500 | 1500 - 2500 | 1500 - 2500 | 1500 - 2500 |
| Operating weight ²⁾ | | | | | | |
| Portable compressor | adjustable towbar braked | kg | 1240 | 1240 | 1240 | 1240 |
| | straight towbar braked | kg | 1200 | 1200 | 1200 | 1200 |
| Base mount | | kg | 1100 | 1100 | 1100 | 1100 |
| Skid mount | | kg | 1150 | 1150 | 1150 | 1150 |
| Filling capacities | | | | | | |
| Engine oil | l | 8 | 8 | 8 | 8 | 8 |
| Diesel tank | l | 140 | 140 | 140 | 140 | 140 |
| Compressor oil | l | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 |
| Dimensions and connections | | | | | | |
| Length | adjustable towbar braked | mm | 3760-3974 | 3760-3974 | 3760-3974 | 3760-3974 |
| | straight towbar braked | mm | 3629 | 3629 | 3629 | 3629 |
| Width | | mm | 1700 | 1700 | 1700 | 1700 |
| Height | | mm | 1440 | 1440 | 1440 | 1440 |
| Compressed air outlet | | | 3 x 3/4", optionally 1 x 1/2" | | | |
| Sound level | | | | | | |
| Sound pressure level ³⁾ | dB(A) LPA | | 71 | 71 | 71 | 71 |

¹⁾ Acc. to ISO 1217 Ed. 4 2009 Annex D

²⁾ Operating weight without options

³⁾ Noise level acc. to PNEURO PN8NTC.2.2 at 7 m

C85-14 to C140-9

8.6 to 13.3 m³ / min
Product range
DLT 1304

Designed for the toughest site conditions, whether it's for road building, civil engineering or restoration work, this range of compressors offers outstanding reliability, performance and compressed air quality. With fully accessible doors, maintenance is also made easy. The compressor as standard is equipped with numerous options, offering a substantial cost saving to the customer. Thanks to the inclusion of two batteries, reliable running and performance can be achieved even in cold conditions. The long life cycle of these compressors is further enhanced by additional engine management protection. Energy efficient Deutz TCD4.1 L4 Diesel engines are fitted with electronic fuel injection to meet the European exhaust emission standards.

Soft Start

Extends the engine lifetime by reducing engine stress during start-up and allowing the engine to reach running temperature with the compressor unloaded.

Easy Access Side Wing Doors

Offering excellent accessibility for easy maintenance.

Air Filters

Separate air filters for engine and air compressor.

Reliable, Robust and Diesel-saving DEUTZ TCD4.1 L4 Series Engine

- Fulfills stage IV of the EU emission standard and is ready to fulfil the pending EU emission standard stage V (from 2019).
- Diesel Particle Filter (DPF) as standard.

Robust Plastic Protection

Protects the control panel and lighting elements.

Portable-Control 3

- **Digital display**
All the necessary operation data at a glance
- **Quick and easy pressure setting**
- **Fault memory with detailed operating data**
- **Automatic protection in case of malfunction:**
 - Engine oil pressure too low
 - Cooling water temperature too high



Fuel Filter

Fuel contamination is controlled by a high quality filter which includes water separation. In addition to this every compressor has a manual fuel pump as standard.

24 V Electric System

Ensures sufficient power reserves in case of cold starts and a safe run-up ability.

Progressive Volume Flow Regulation

Engine speed and air intake regulation are automatically adapted to compressed air requirement.

Air End With Spin-On Oil Filter Cartridge

For quick and easy maintenance.

Internal Main Switch Board

To avoid unauthorised operation.

Central Lifting Eye

For easy handling by crane.

Plastic Fuel Tank

With direct visual level indication.

Operational Reliability

Designed for -10 to +45°C ambient temperature.

Oil Temperature Regulation Valve

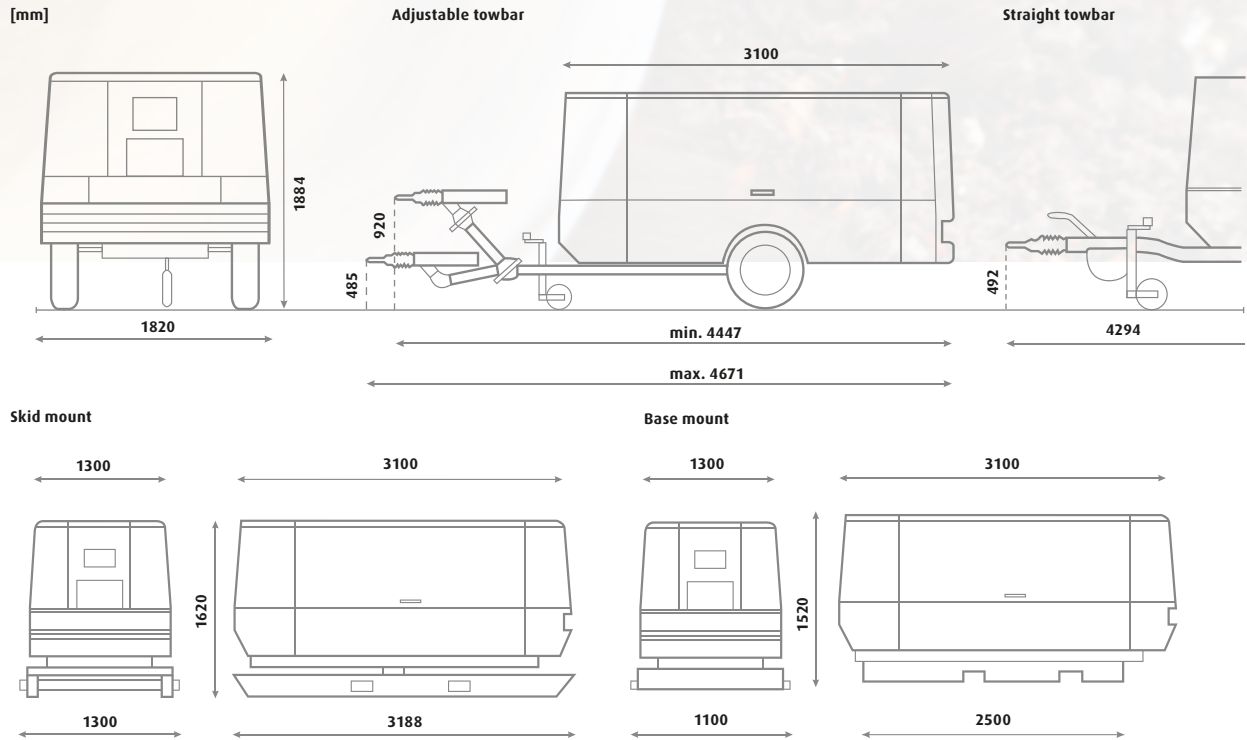
Ensures safe operation of compressor at low ambient temperatures or extreme partial load.

Optional Filtration

According to ZTV-ING part 3 section 4.

- Intercooler temperature too high
- Airend temperature too high
- Engine Cooling water level too low
- Fuel level too low
- Water in fuel pre filter
- Load control (v-belt break, alternator defect)
- Hardware errors

Technical Data - c85-14 to C140-9



| Product range | | DLT 1304 | | | | | | | |
|---------------------------------------|--------------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Type | | C85-14 | C95-12 | C100-10 | C110-9 | C105-14 | C115-12 | C130-10 | C140-9 |
| Operational data | | | | | | | | | |
| Volume flow ¹⁾ | m ³ /min | 8.6 | 9.4 | 10.0 | 10.8 | 10.5 | 11.5 | 12.5 | 13.3 |
| | cfm | 304 | 332 | 353 | 381 | 371 | 406 | 441 | 470 |
| Operating pressure range | bar | 5-14 | 5-12 | 5-10 | 5-8.6 | 5-14 | 5-12 | 5-10 | 5-8.6 |
| | psi | 73-203 | 73-174 | 73-145 | 73-125 | 73-203 | 73-174 | 73-145 | 73-125 |
| Engine | | Deutz TCD 4.1 L4 | | | | | | | |
| Installed engine power | kW | 90 | 90 | 90 | 90 | 105 | 105 | 105 | 105 |
| RPM-range | 1/min | 1300 - 1850 | 1300 - 2000 | 1300 - 2100 | 1300 - 2300 | 1300 - 1750 | 1300 - 1900 | 1300 - 2050 | 1300 - 2200 |
| Operating weight ²⁾ | | | | | | | | | |
| Portable compressor | | | | | | | | | |
| | adjustable towbar braked | kg | 2075 | 2075 | 2075 | 2075 | 2160 | 2160 | 2160 |
| | straight towbar braked | kg | 2000 | 2000 | 2000 | 2000 | 2085 | 2085 | 2085 |
| Base mount | | kg | 1860 | 1860 | 1860 | 1860 | 1945 | 1945 | 1945 |
| Skid mount | | kg | 1970 | 1970 | 1970 | 1970 | 2055 | 2055 | 2055 |
| Filling capacities | | | | | | | | | |
| Engine oil | | l | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 |
| Diesel tank | | l | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| Adblue tank capacity | | l | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Compressor oil | | l | 20 | 20 | 20 | 20 | 25.5 | 25.5 | 25.5 |
| Dimensions and connections | | | | | | | | | |
| Length | adjustable towbar braked | mm | 4447-4671 | 4447-4671 | 4447-4671 | 4447-4671 | 4447-4671 | 4447-4671 | 4447-4671 |
| | straight towbar braked | mm | 4294 | 4294 | 4294 | 4294 | 4294 | 4294 | 4294 |
| Width | | mm | 1820 | 1820 | 1820 | 1820 | 1820 | 1820 | 1820 |
| Height | | mm | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 | 1884 |
| Compressed air outlet | 2 x 3/4" and 1 x 2" | | | | | | | | |
| Sound level | | | | | | | | | |
| Sound pressure level ³⁾ | | dB(A) LPA | 70 | 70 | 70 | 70 | 70 | 70 | 70 |

¹⁾ Acc. to ISO 1217 Ed. 4 2009 Annex D

²⁾ Operating weight without options

³⁾ Noise level acc. to PNEUROPN8NTC2.2 at 7 m

C200TS-24 to C270TS-9

20 to 27.0 m³/min
Product range
DLT 2702



The TurboScrew compressors with their unique patented bi-turbo technology provide class-leading diesel efficiency, the lowest weight of 3,500kg and super-clean performance in accordance with directive 97/68/EC Stage 4 final. The new range has been equipped with an award winning SCRT® – Selective Catalytic Reduction Technology system which is capable of removing almost all nitrogen oxide emissions from diesel exhaust gases.



TURBOSCREW

TurboScrew Technology

CompAir's TurboScrew compression system is a radical new approach to energy conservation. It uses a Cummins turbo assisted engine powering a CompAir screw compressor unit with the addition of an engine exhaust gas drive turbine, pre-compressing the suction inlet air before it enters the compression chamber.

Soft Start

Extends the engine lifetime by reducing engine stress during start-up and allowing the engine to reach running temperature with the compressor unloaded.

Easy Access Side Wing Doors

Offering excellent accessibility for easy maintenance.

SCRT® System

Simultaneous reduction of soot particles and nitrogen oxides.

Cummins QSB 6.7

Robust 6-cylinder turbo-charged diesel engine with an additionally integrated second turbo-charger for the pre-compression of the inlet air of the compressor.

24 V Electric System

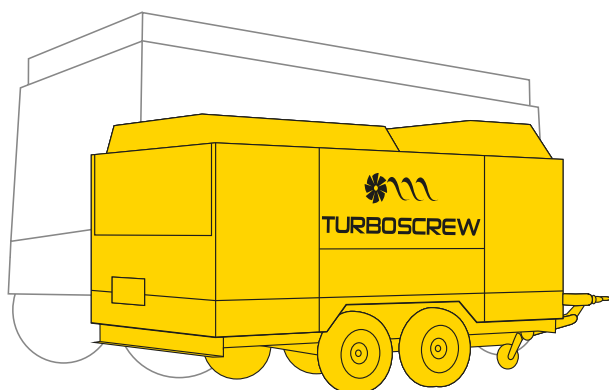
Ensures sufficient power reserves in case of cold starts and a safe run-up ability.

Bolted Single Sheets

The steel canopy is galvanised and electrostatically coated, offering excellent protection against damage and corrosion. With bolted single sheets, exchange is both quick and easy.

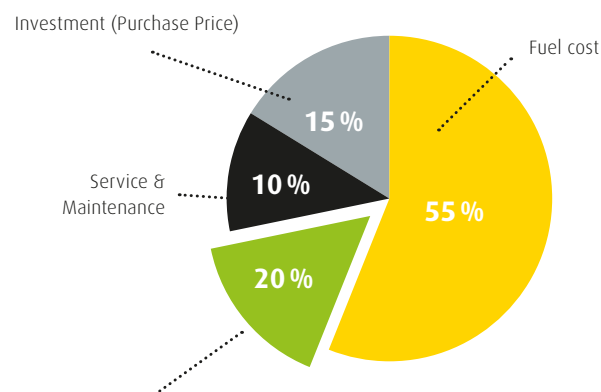
Small footprint & one of the lightest in class

The lightweight TurboScrew compressors can be towed by a vehicle with a maximum towing weight of 3,500kg and is great for getting to hard-to-access sites.



Potential fuel savings

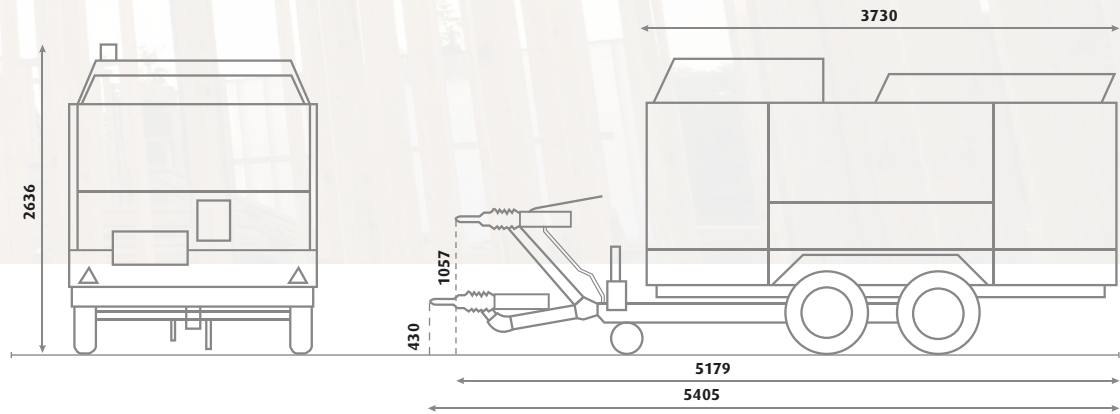
Based on average site running conditions, over lifetime of 10,000 hours, fuel savings of up to 30% can be achieved when compared with equivalent conventional compressors of this output range. This represents up to 20% of total lifetime costs.



TurboScrew fuel savings = 20% of lifetime cost

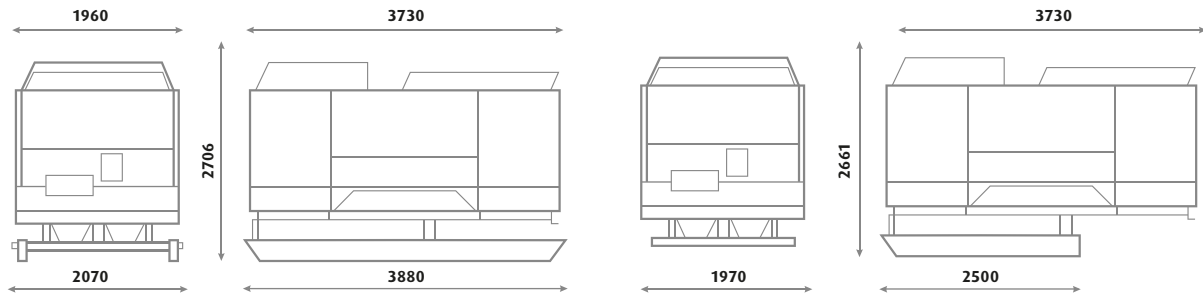
Technical Data - C200TS-24 to C270TS-9

[mm]



Skid mount

Base mount



| Product range | DLT 2702 | | | | | | | | | DLT 2702 HP | | |
|--------------------------------------|---------------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------|-----------|
| Type | C200TS-14 | C210TS-12 | C220TS-10 | C230TS-9 | C240TS-14 | C250TS-12 | C260TS-10 | C270TS-9 | C200TS-24 | C210TS-21 | C230TS-17 | |
| Operational data | | | | | | | | | | | | |
| Volume flow ¹⁾ | m ³ /min | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 20 | 21 | 23 |
| | cfm | 706 | 741.6 | 776.9 | 812 | 847.5 | 882.8 | 918 | 953 | 706 | 741.6 | 812 |
| Operating pressure | bar | 14 | 12 | 10 | 9 | 14 | 12 | 10 | 9 | 24 | 21 | 17 |
| | psi | 203 | 174 | 145 | 130.5 | 203 | 174 | 145 | 130.5 | 348 | 304.5 | 246.5 |
| Engine | Cummins QSB 6.7 | | | | | | | | | Cummins QSB 6.7 | | |
| Installed engine power | kW | 180 | 180 | 180 | 180 | 224 | 224 | 224 | 224 | 224 | 224 | 224 |
| Engine off load speed | 1/min | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 |
| Engine full load speed | 1/min | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 | 2400 |
| Operating weight²⁾ | | | | | | | | | | | | |
| Portable compressor | | | | | | | | | | | | |
| adjustable towbar braked | kg | 3450 | 3450 | 3450 | 3450 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 | 3490 |
| Skid mount | kg | 3545 | 3545 | 3545 | 3545 | 3585 | 3585 | 3585 | 3585 | 3585 | 3585 | 3585 |
| Base mount | kg | 3385 | 3385 | 3385 | 3385 | 3425 | 3425 | 3425 | 3425 | 3425 | 3425 | 3425 |
| Filling capacities | | | | | | | | | | | | |
| Engine oil | l | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Diesel tank | l | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 |
| Adblue tank capacity | l | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| Compressor oil | l | 65 | 65 | 65 | 65 | 70 | 70 | 70 | 70 | 55 | 55 | 55 |
| Dimensions and connections | | | | | | | | | | | | |
| Length | mm | 5179-5405 | 5179-5405 | 5179-5405 | 5179-5405 | 5179-5405 | 5179-5405 | 5179-5405 | 5179-5405 | 5179-5405 | 5179-5405 | 5179-5405 |
| Width | mm | 1960 | 1960 | 1960 | 1960 | 1960 | 1960 | 1960 | 1960 | 1960 | 1960 | 1960 |
| Height | mm | 2568 | 2568 | 2568 | 2568 | 2568 | 2568 | 2568 | 2568 | 2568 | 2568 | 2568 |
| Compressed air outlet | | 3 x 3/4" and 1 x 2" | | | | | | | | | 1 x 2" | |
| Sound level | | | | | | | | | | | | |
| Sound pressure level ³⁾ | dB(A) LPA | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 |

¹⁾ Acc. to ISO 1217 Ed. 4 2009 Annex D

²⁾ Operating weight without options

³⁾ Noise level acc. to PNEUROP PN8NTC.2.2 at 7 m

AirPlus - Many Options for Many Applications

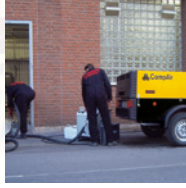
Options for all types of C10-12 to C270TS-9



Breakers



Sand-blasting



Ice-blasting

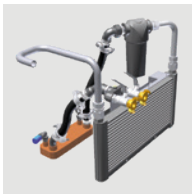


Drillings



Concrete spraying

AirPlus Options



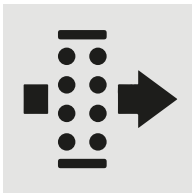
Built-in aftercooler

With automatic water separation. Reduces water content in the compressed air. An additional heat exchanger uses compressor oil to heat the compressed air which protects the tools from freezing.



Integrated Oiler

For optimised lubrication of the pneumatic tools.



Built-in microfilter combination

(in addition to above mentioned aftercooler)
Air treatment with microfilters according to ISO 8573.1 standards including ZTV-ING 90 with residual oil content of <0.01 ppm.



Hose reel

With 20m light self-supporting hose; protects the air hose and enables fast set up of tools at site.



Oil temperature regulation valve

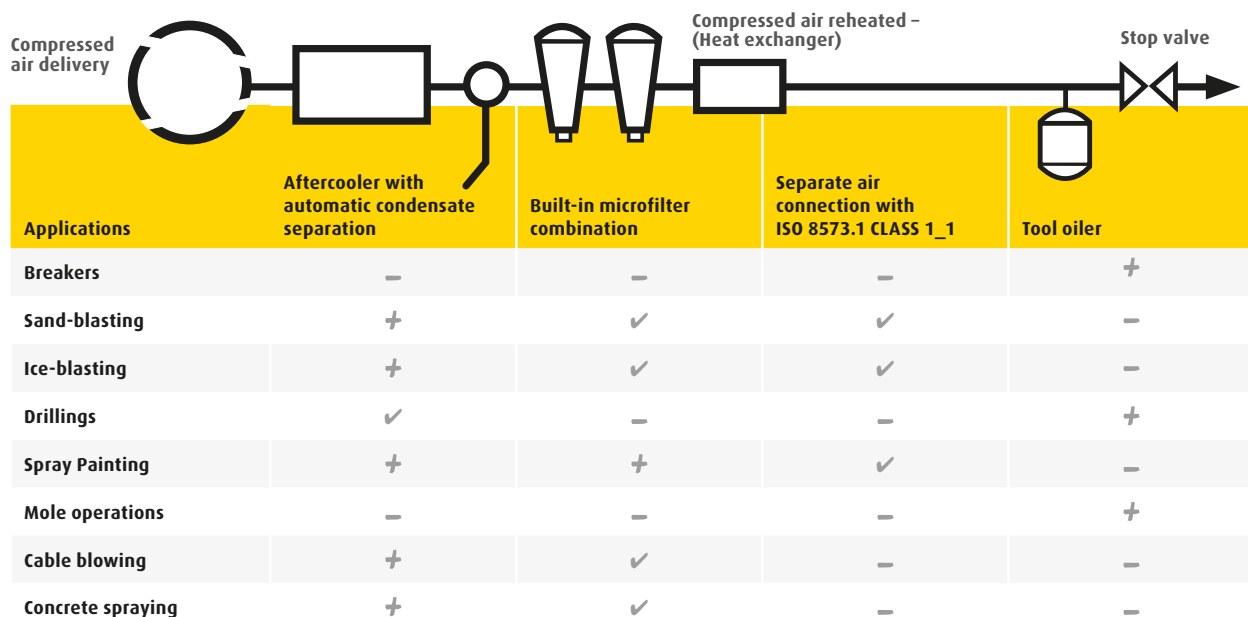
Ensures safe operation of compressor at low ambient temperatures. Prevents compressed air tools from freezing. Standard from C35-10.



Special paint colour and labelling to customer specification

Provides distinctive site identity and assists in traceability in the event of loss or theft.

Schematic display of all available air treatment options



+ recommended ✓ depending on manufacturer and application - not needed

AirPlus - Many Options for Many Applications

Options for all types of C14 to C270TS-9

+ Optional ✓ Standard - Not available

| Type | Compressed Air Quality | | | Compressor Equipment | | | | | | | Integrated Generator | | | | Engine Accessories | | |
|-----------------|------------------------|------------|-------|----------------------|-----------|--------------------|------------------------|---------------------|---------------------------------------|-------------------------------------|----------------------|--------------------------------------|--|------------------------------------|--------------------|--------------------------------------|--|
| | Aftercooler | Filtration | Oiler | Tool-Box | Hose reel | Bundled bottom box | Oil thermostatic valve | Remote start / stop | Diesel Particle Filter Factory Fitted | Diesel Particle Filter Retrofit Kit | 7 kVA at 110V 50Hz | 9 kVA / 16 A max. at 230 / 400V 50Hz | 15 kVA / 20 A max. at 230 / 400V 50 Hz | Diesel filter with water separator | Spark arrester | Engine shutdown from flammable gases | |
| DLT 0101 | | | | | | | | | | | | | | | | | |
| C10-12 | + | - | + | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| C12-10 | + | - | + | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| C14 | + | - | + | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| DLT 0206 | | | | | | | | | | | | | | | | | |
| C20 | + | - | + | + | + | + | + | - | - | - | + | + | - | ✓ | + | + | |
| C20-14 | + | - | + | + | + | + | + | - | - | - | + | + | - | ✓ | + | + | |
| C25 | + | - | + | + | + | + | + | - | - | - | - | - | - | ✓ | + | + | |
| C25-10 | + | - | + | + | + | + | + | - | - | - | - | - | - | ✓ | + | + | |
| C30 | + | - | + | + | + | + | + | - | - | - | + | + | - | ✓ | + | + | |
| DLT 0408 | | | | | | | | | | | | | | | | | |
| C35-10 | + | + | + | + | + | + | ✓ | - | + | + | + | + | + | ✓ | + | + | |
| C38 | + | + | + | + | + | + | ✓ | - | + | + | + | + | + | ✓ | + | + | |
| C42 | + | + | + | + | + | + | ✓ | - | + | + | + | + | + | ✓ | + | + | |
| C50 | + | + | + | + | + | + | ✓ | - | + | + | + | + | + | ✓ | + | + | |
| DLT 0705 | | | | | | | | | | | | | | | | | |
| C55-14 | + | + | + | + | + | + | ✓ | + | ✓ | - | + | + | + | ✓ | - | + | |
| C60-12 | + | + | + | + | + | + | ✓ | + | ✓ | - | + | + | + | ✓ | - | + | |
| C65-10 | + | + | + | + | + | + | ✓ | + | ✓ | - | + | + | + | ✓ | - | + | |
| C76 | + | + | + | + | + | + | ✓ | + | ✓ | - | + | + | + | ✓ | - | + | |
| DLT 1304 | | | | | | | | | | | | | | | | | |
| C85-14 | + | + | + | - | - | - | ✓ | + | ✓ | - | + | + | + | ✓ | - | - | |
| C95-12 | + | + | + | - | - | - | ✓ | + | ✓ | - | + | + | + | ✓ | - | - | |
| C100-10 | + | + | + | - | - | - | ✓ | + | ✓ | - | + | + | + | ✓ | - | - | |
| C110-9 | + | + | + | - | - | - | ✓ | + | ✓ | - | + | + | + | ✓ | - | - | |
| C105-14 | + | + | + | - | - | - | ✓ | + | ✓ | - | + | + | + | ✓ | - | - | |
| C115-12 | + | + | + | - | - | - | ✓ | + | ✓ | - | + | + | + | ✓ | - | - | |
| C130-10 | + | + | + | - | - | - | ✓ | + | ✓ | - | + | + | + | ✓ | - | - | |
| C140-9 | + | + | + | - | - | - | ✓ | + | ✓ | - | + | + | + | ✓ | - | - | |
| DLT 2702 | | | | | | | | | | | | | | | | | |
| C200TS-14 | + | + | - | - | - | - | ✓ | + | ✓ | - | - | - | - | ✓ | - | - | |
| C210TS-12 | + | + | - | - | - | - | ✓ | + | ✓ | - | - | - | - | ✓ | - | - | |
| C220TS-10 | + | + | - | - | - | - | ✓ | + | ✓ | - | - | - | - | ✓ | - | - | |
| C230TS-9 | + | + | - | - | - | - | ✓ | + | ✓ | - | - | - | - | ✓ | - | - | |
| C240TS-14 | + | + | - | - | - | - | ✓ | + | ✓ | - | - | - | - | ✓ | - | - | |
| C250TS-12 | + | + | - | - | - | - | ✓ | + | ✓ | - | - | - | - | ✓ | - | - | |
| C260TS-10 | + | + | - | - | - | - | ✓ | + | ✓ | - | - | - | - | ✓ | - | - | |
| C270TS-9 | + | + | - | - | - | - | ✓ | + | ✓ | - | - | - | - | ✓ | - | - | |
| C200TS-24 | - | - | - | - | - | - | ✓ | + | ✓ | - | - | - | - | ✓ | - | - | |
| C210TS-21 | - | - | - | - | - | - | ✓ | + | ✓ | - | - | - | - | ✓ | - | - | |
| C230TS-17 | - | - | - | - | - | - | ✓ | + | ✓ | - | - | - | - | ✓ | - | - | |

- Integrated Generator**

- Electronically controlled synchronous generator
- Protection IP 54

- Winter Kit**

- Available for selected models



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.

As part of the worldwide Gardner Denver operation, CompAir has consistently been at the forefront of compressed air systems development, culminating in some of the most energy efficient and low environmental impact compressors on the market today, helping customers achieve or surpass their sustainability targets.



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

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

Services

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