

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 the coldest winter. The long life cycle of these compressors is further enhanced by additional engine management protection. Diesel engines from the QSB 4.5 range from Cummins, a world leader in diesel engine production, are fitted with electronic fuel injection to meet all the European standards with regards to exhaust emissions for the coming years.

⇒ Cummins QSB 4.5

quiet-running and low vibration 4-cylinder diesel engine

⇒ Soft start

extends the engine life time by reducing engine stress during start-up and allowing the engine to reach running temperature with the compressor unloaded

⇒ Fuel filter

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



⇒ Easy access side wing doors

offering excellent accessibility for easy maintenance

⇒ 24 V electric system

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

⇒ Air filters

separate air filters for engine and air compressor

⇒ Robust plastic protection

protects the control panel and 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

⇒ Compressor oil temperature regulating valve

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

⇒ Central lifting eye

for easy handling by crane

⇒ Operational reliability

designed for – 10 to +50 °C ambient temperature

⇒ Sheet steel fuel tank

with direct visual level indication



Portable-Control 3

⇒ Digital display

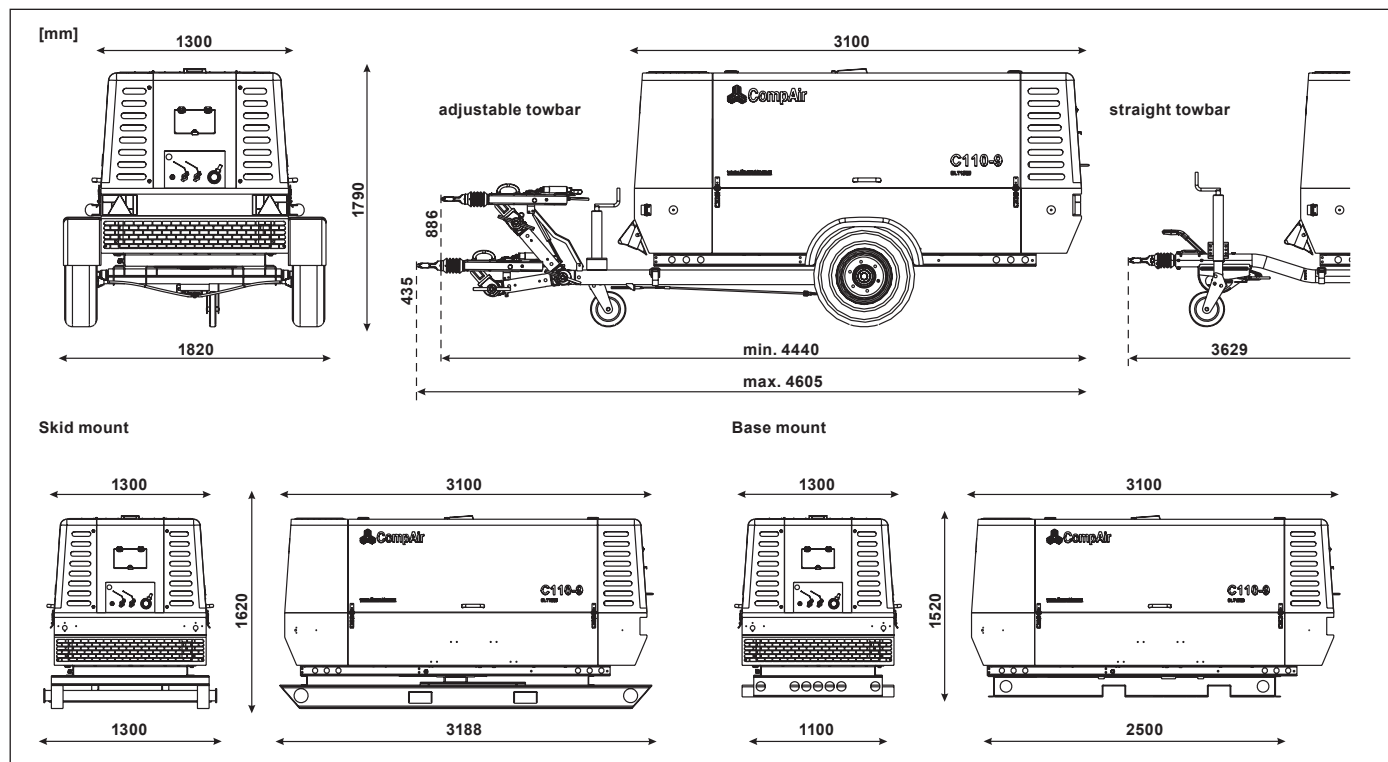
all the necessary operation data at a glance

⇒ Quick and easy pressure setting

⇒ Automatic protection in case of malfunction:

- Engine oil pressure too low
- Cooling water temperature too high
- 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

⇒ Fault memory with detailed operating data



Product range		DLT 1303						
Type		C85-14	C95-12	C110-9	C125	C105-14	C115-12	C140-9
Operational data								
Volume flow ¹⁾	m ³ /min	8.5	9.5	11.3	12.5	10.5	11.5	13.3
Operating pressure	bar	14	12	8.6	7	14	12	8.6
Compressed air outlet		2 x 3/4" and 1 x 2"						
Engine		Cummins QSB 4.5						
Installed engine power	kW	97	97	97	97	119	119	119
Engine off load speed	1/min	1300	1300	1300	1300	1300	1300	1300
Engine full load speed	1/min	2300	2300	2300	2300	2200	2200	2200
Fuel tank capacity	l	210	210	210	210	210	210	210
Operating weight²⁾								
Portable compressor	adjustable towbar braked	kg	1980	1980	1980	1980	1980	1980
	straight towbar braked	kg	1950	1950	1950	1950	1950	1950
Base mount	kg	1810	1810	1810	1810	1810	1810	1810
Skid mount	kg	1920	1920	1920	1920	1920	1920	1920
Dimensions								
Length	adjustable towbar braked	mm	4440–4605	4440–4605	4440–4605	4440–4605	4440–4605	4440–4605
	straight towbar braked	mm	3629	3629	3629	3629	3629	3629
Width	mm	1820	1820	1820	1820	1820	1820	1820
Height	mm	1790	1790	1790	1790	1790	1790	1790
Length of the canopy	mm	3100	3100	3100	3100	3100	3100	3100
Sound level								
Power sound level ³⁾	dB(A) LWA	99	99	99	99	99	99	99
Pressure sound level ⁴⁾	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⁾ Legal limiting values of EC directive acc. to 2000/14/EC

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

C200TS-24 – C270TS-9

⇒ 20.0 – 27.0 m³/min

Product range DLT 2701



Patented bi-turbo technology = Low cost of ownership! A radical new approach to energy conservation.

The CompAir TurboScrew patented bi-turbo technology makes these compressors outstanding in their class. On average site conditions where the demand varies between idle, part load and full load, the TurboScrew consumes up to **30% less fuel** than most of the conventional compressors on the market.

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.

PATENTED

⇒ Easy access side wing doors

offering excellent accessibility for easy maintenance

⇒ 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.



**UP TO
24
BAR**

⇒ 24 V electric System

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

⇒ Bolted single sheets

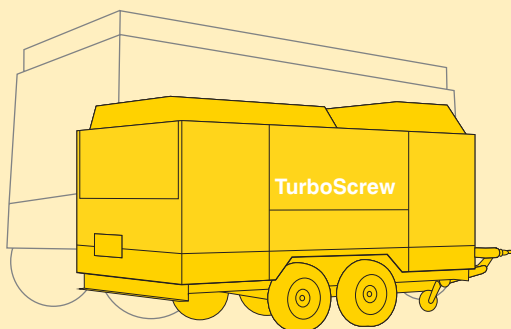
The steel canopy is mass galvanised and electro-statically coated, offering excellent protection against damage and corrosion. With bolted single sheets, exchange is both quick and easy

⇒ Soft start

extends the engine life time by reducing engine stress during start-up and allowing the engine to reach running temperature with the compressor unloaded

⇒ Small footprint & one of the lightest in class

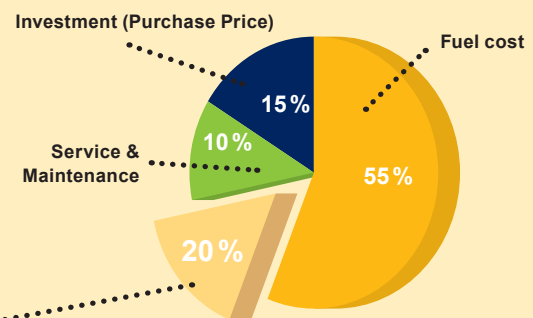
The lightweight TurboScrew compressors can be towed by a vehicle with a maximum towing weight of 3500kg and is great for getting to hard-to-access sites.



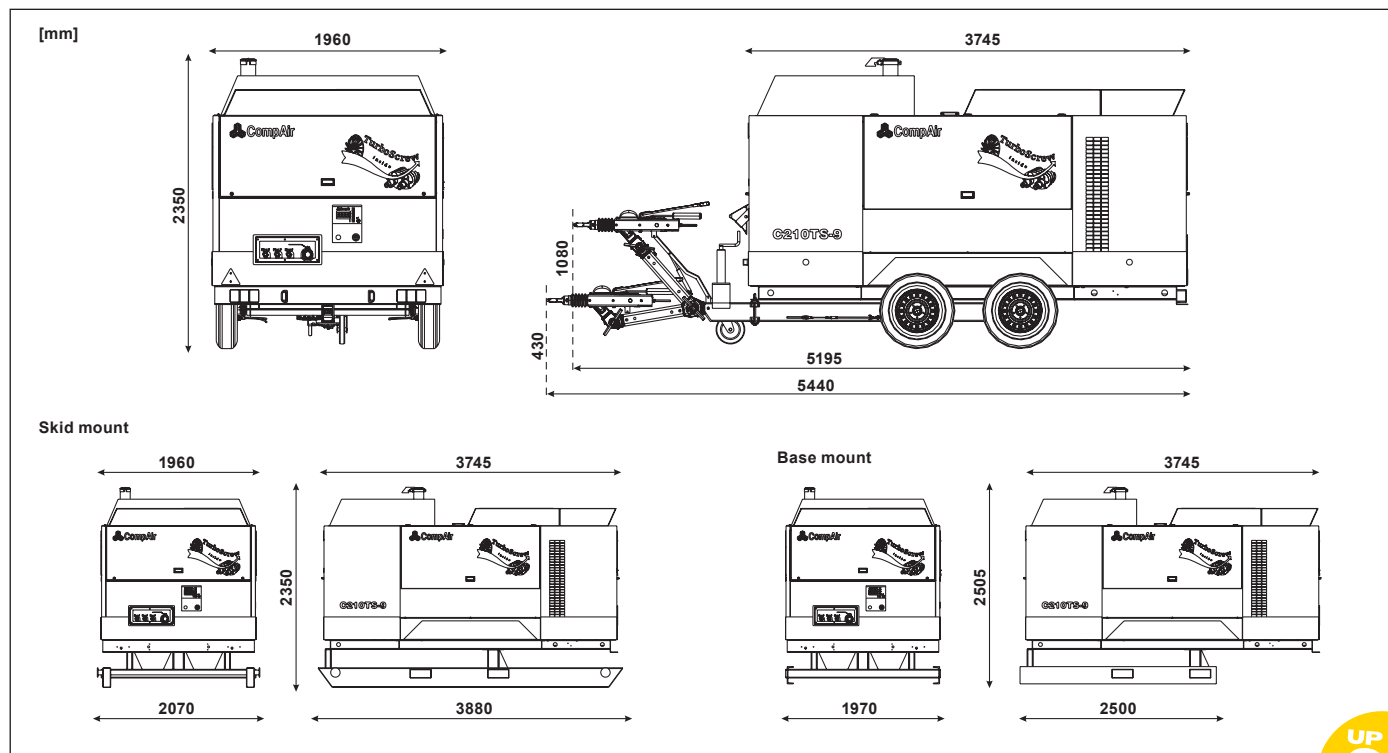
⇒ Potential Fuel Savings

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.

Your benefit: significant cost savings!



TurboScrew fuel savings = 20% of lifetime cost



Product range	DLT 2701									DLT 2701		
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
Operating pressure	bar	14	12	10	9	14	12	10	9	24	21	17
Compressed air outlet		3 x 3/4" and 1 x 2"							1 x 2"			
Engine												
Cummins QSB 6.7												
Installed engine power	kW	180	180	180	180	228	228	228	228	228	228	228
Engine off load speed	1/min	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Engine full load speed	1/min	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
Fuel tank capacity	l	370	370	370	370	370	370	370	370	370	370	370
Operating weight²⁾												
Portable compressor adjustable towbar braked	kg	3310	3310	3310	3310	3340	3340	3340	3340	3350	3350	3350
Skid mount	kg	3370	3370	3370	3370	3400	3400	3400	3400	3410	3410	3410
Base mount	kg	3210	3210	3210	3210	3240	3240	3240	3240	3250	3250	3250
Dimensions												
Length	mm	5195-5440	5195-5440	5195-5440	5195-5440	5195-5440	5195-5440	5195-5440	5195-5440	5195-5440	5195-5440	5195-5440
Width	mm	1960	1960	1960	1960	1960	1960	1960	1960	1960	1960	1960
Height	mm	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350
Length of the canopy	mm	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750	3750
Sound level												
Power sound level ³⁾	dB(A) LWA	100	100	100	100	100	100	100	100	100	100	100
Pressure sound level ⁴⁾	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⁾ Legal limiting values of EC directive acc. to 2000/14/EC

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

UP TO
24
BAR

AirPlus

AirPlus options on fold out page →

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	Separate air connection with ISO 8573.1, class 1_1	Tool-Box	Hose reel	Bunded bottom box	Oil thermostatic valve	6 kVA at 110V 50Hz	7 kVA at 110V 50Hz	9 kVA/16 Amp max. at 230/400V 50Hz	15 kVA/16 Amp max. at 230/400V 50 Hz	Diesel filter with water separator	Spark arrestor	Engine shutdown at overspeed from flammable gases
DLT 0101															
C10-12	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
C12-10	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
C14	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
DLT 0206															
C20	+	-	+	+	+	+	+	+	+	-	+	-	✓	+	+
C25	+	-	+	+	+	+	+	+	+	-	-	-	✓	+	+
C30	+	-	+	+	+	+	+	+	+	-	+	-	✓	+	+
DLT 0408															
C35-10	+	+	+	+	+	+	-	✓	-	+	+	+	✓	+	+
C38	+	+	+	+	+	+	-	✓	-	+	+	+	✓	+	+
C42	+	+	+	+	+	+	-	✓	-	+	+	+	✓	+	+
C50	+	+	+	+	+	+	-	✓	-	+	+	+	✓	+	+
DLT 0704															
C55-14	+	+	+	+	+	+	+	✓	-	+	+	+	✓	+	+
C60-12	+	+	+	+	+	+	+	✓	-	+	+	+	✓	+	+
C65-10	+	+	+	+	+	+	+	✓	-	+	+	+	✓	+	+
C76	+	+	+	+	+	+	+	✓	-	+	+	+	✓	+	+
DLT 1303															
C85-14	+	+	+	+	-	-	-	✓	-	-	-	-	✓	+	-
C95-12	+	+	+	+	-	-	-	✓	-	-	-	-	✓	+	-
C110-9	+	+	+	+	-	-	-	✓	-	-	-	-	✓	+	-
C125	+	+	+	+	-	-	-	✓	-	-	-	-	✓	+	-
C105-14	+	+	+	+	-	-	-	✓	-	-	-	-	✓	+	-
C115-12	+	+	+	+	-	-	-	✓	-	-	-	-	✓	+	-
C140-9	+	+	+	+	-	-	-	✓	-	-	-	-	✓	+	-
DLT 2701															
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

➔ Electronic Controller

- Insulation monitoring
- Output voltage regulation

- Temperature regulation limit

- Two-mode switch – constant and variable motor speed



AirPlus ➔ Many options for many applications

Options for all types of C14 to C270TS-9



Breakers



Sand-blasting



Ice-blasting

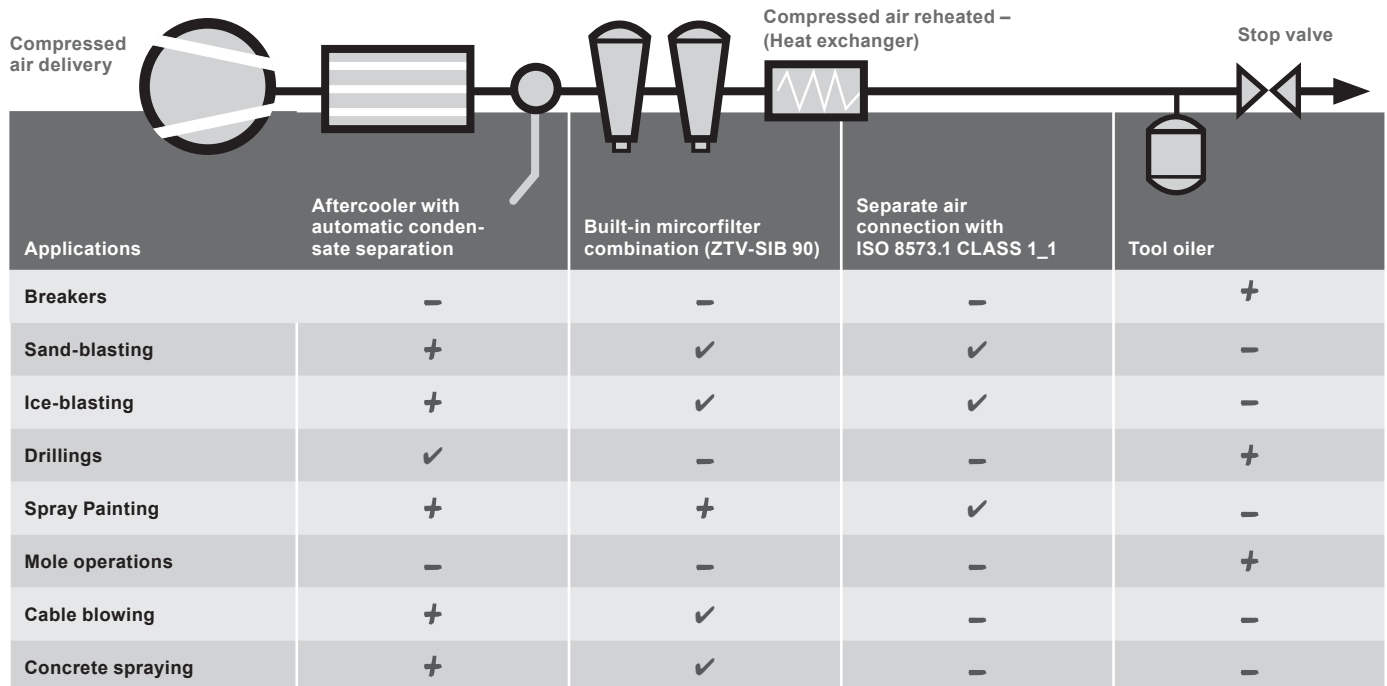


Drillings



Concrete spraying

➔ Schematic display of all available air treatment options



+ recommended ✓ depending on manufacturer and application - not needed

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.

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



Integrated Oiler
for optimised lubrication of the pneumatic tools



Compressor oil temperature regulating valve
ensures safe operation of compressor at low ambient temperatures. Prevents compressed air tools from freezing.
Standard from C50

Air & Plus

Special paint colour and labelling to customer specification
Provides distinctive site identity and assists in traceability in the event of loss or theft

INNOVATIVE PRODUCTS AND SERVICES – TRUST COMPAIR TO SUPPLY INTELLIGENT COMPRESSED AIR SOLUTIONS.



➤ Portable Compressors

C14 – 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
- Exhaust spark arrestor
- Exhaust gas particulate filter
- Customer colours

Turboscrew Technology
C200TS-24 – C270TS-9
up to 30% less diesel fuel consumption

PATENTED

➤ Generator

ADG28 – ADG132
28 – 132 kVA

Variants & Options:

- Sockets
- Terminal strip
- Chassis up to 50 mile/hour
- 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

➤ Services

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

CompAir policy is one of continuous improvement and we therefore reserve the right to alter specifications and prices without prior notice. All products are sold subject to the Company's conditions of sale.

