CFAIR

ENGINE DRIVEN COMPRESSOR

CFAIR

50-1800CFM 7-30bar / 101.5psi-435psi

ENGINE DRIVEN AIR COMPRESSORS

PROFESSIONAL MANUFACTURER



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BOX SERIES | PORTABLE SERIES | AFTER COOLER SERIES | HIGH PRESSURE SERIES | OIL-FREE SERIES

ENGINE-DRIVEN COMPRESSOR MANUFACTURER



20000+
AIR COMPRESSOR SOLUTIONS

35+
INTERNATIONAL MARKET

45+
TECHNOLOGY HISTORY

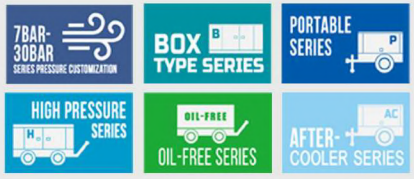
CFAIR ENGINE DRIVEN
SCREW AIR COMPRESSORS





PROFESSIONAL MANUFACTURER

CFAIR offers a range of engine driven screw air compressors including Box Type, Portable Type, After Cooler Series, High Pressure Series, and Oil Free models. Equipped with leading global manufacturing equipment, CFAIR ensures rigorous control from precision machining of screw heads, assembly, and system performance testing to comprehensive solution design and exterior finishing by expert teams. CFAIR compressors range in power from 50 CFM to 1800 CFM and operate at pressures from 7 bar to 30 bar.



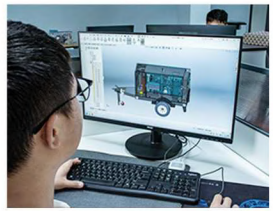
HIGH-QUALITY SOLUTIONS

CFAIR's team comprises industry experts and seasoned professionals with over 45 years of technical expertise in the design and manufacturing of screw air compressors. With a research and development experience of over 20,000 diesel screw air compressors, they lead and drive the advancement of screw air compressor technology.

CFAIR PRODUCTION PROCESS AND TECHNOLOGY

Our professional production line starts with the production of screw heads, where our team of experts and advanced machines use cutting-edge equipment to ensure excellence and durability. Subsequently, sheet metal production involves processes such as laser cutting, bending, welding, pickling, phosphating, forming and anti-corrosion coating.

Our assembly workshop is equipped with professional tools and skilled personnel to ensure that our production capabilities meet industry standards. Each machine is then rigorously tested and inspected by experts in our quality inspection and testing workshop to ensure that it meets our high quality standards.













QUALITY CERTIFICATE AUTHENTICATION

Quality Management System (QMS) International Standard 9001-2015.

International Standard For Occupational Health And Safety Management Systems 4501-2018.

International Standard For Environmental Management Systems 14001-2015.

CE European Union Standard Certification



MODEL SELECTION
COMPREHENSIVE SOLUTION PORTABLE SERIES

Portable

PORTABLE SCREW AIR COMPRESSOR

A portable air compressor is a compact and mobile device used to generate compressed air for various applications on-site or in remote locations.

CFAIR PORTABLE AIR COMPRESSOR ADVANTAGES

CFAIR provides PORTABLE air compressors designed for mobility and various applications, with compact design for easy movement.
Its screw compressors are compact, quiet, stable, high-performance and durable.
Secondly, high-quality components such as air filters, engines, heads, batteries and control systems are industry-leading.

PORTABLE AIR COMPRESSOR



DETAILED DISPLAY



1.DIESEL ENGINES

- CFAIR's main engine brands include Cummins, ISUZU and a small amount of FAW
- Adopting four-stroke four- to six-cylinderengines of various brands, with stableperformance



2.TWO-STAGE AIR FILTERPREFER

- The double-layer nano-scale air filter for diesel air compressors enhances filtration efficiency, extends engine life, improves fuel efficiency, reduces maintenance costs, ensures consistent performance, and offers environmental benefits by capturing finer particles, leading to cleaner air intake and optimal engine operation.



3.USER FRIENDLY CONTROL PANEL

- CFAIR Diesel Air Compressor Manufacturers design intuitive user-friendly interface, enhanced monitoring, accuracy, improved safety and efficiency to ensure compressor reliability.



4.STAINLESS OUTLET VALVE

- Stainless steel outlets for diesel air compressors offer durability, corrosion resistance, reliability, longevity, and maintain air purity.



5.EMERGENCY STOP BUTTON

- An emergency stop button for a diesel air compressor enhances safety, allows immediate shutdown in emergencies, prevents damage, reduces risks, and ensures operator protection and equipment reliability.



6.BATTERY ISOLATOR

- In order to ensure the battery life, we added a battery isolator to shut down the battery power to prevent the battery from continuously discharging when the air compressor is not in use.

EU/EPA APPROVED SERIES AIR COMPRESSOR

EU / EPA

120 CFM
7BAR



SEPECIFICATION	CF120MY-7
Free Air Delivery	3.4m3/min(120cfm)
Working Pressure	7bar(101.5psi)
Model	YANMAR 4TNV88C
L × W × H	3066 × 1456 × 1587mm
Weight	900kg

185 CFM
7BAR



SEPECIFICATION	CF185MY-7
Free Air Delivery	5.2m3/min(185cfm)
Working Pressure	7bar(101.5psi)
Model	YANMAR 4TNV88C
L × W × H	3180×1630×1600mm
Weight	1020kg

265 CFM
7BAR



SEPECIFICATION	CF265MY-7
Free Air Delivery	7.8m3/min(265cfm)
Working Pressure	7bar(101.5psi)
Model	YANMAR 4TNV98CT
L × W × H	3530 x 1760 x 1850 mm
Weight	1380kg

375 CFM
7BAR



SEPECIFICATION	CF375MK-7
Free Air Delivery	10.6m3/min(375cfm)
Working Pressure	7bar(101.5psi)
Model	CUMMINS QSF3.8-130
L × W × H	4155 × 2024 × 1890 mm
Weight	1970kg

330 CFM
10.5BAR



SEPECIFICATION	CF330MK-10.5
Free Air Delivery	9.3m3/min(330cfm)
Working Pressure	10.5bar(152.25psi)
Model	CUMMINS QSF3.8-130
L × W × H	4155 × 2024 × 1890 mm
Weight	1970kg

1150 CFM
25BAR



SEPECIFICATION	CF1150MK-25
Free Air Delivery	32.4m3/min(1150cfm)
Working Pressure	25bar(362.5psi)
Model	CUMMINS X12
L × W × H	4683 x 2200 x 2535 mm
Weight	5850 kg

MODEL	FREE AIR DELIVERY	MAX PRESSURE	ENGINE	EMISSION	DIMENSIONS(MM)	WEIGHT(KG)
CF50M-7	50CFM / 1.4M³/MIN	7BAR / 101.5PSI	RATO R740D	EPA T4F / EV STAGE V	1150*860*830	350
CF75MR-7	75CFM / 2.1M³/MIN	7BAR / 101.5PSI	RAWYIN 3C11	EPA T4F / EV STAGE V	1880*915*1230	820
CF75MY-7	75CFM / 2.1M³/MIN	7BAR / 101.5PSI	YANMAR 3TNV88	EPA T4F / EV STAGE V	1880*915*1230	820
CF90M-7	90CFM / 2.5M³/MIN	7BAR / 101.5PSI	RATO R999D	EPA T4F / EV STAGE V	1880*915*1230	620
CF100BY-7	100CFM / 2.8M³/MIN	7BAR / 101.5PSI	YANMAR 4TNV88C	EPA T4F / EV STAGE V	1880*915*1230	820
CF100MY-7	100CFM / 2.8M³/MIN	7BAR / 101.5PSI	YANMAR 4TNV88C	EPA T4F / EV STAGE V	3066*1456*1587	900
CF185BY-7	185CFM / 5.2M³/MIN	7BAR / 101.5PSI	YANMAR 4TNV88C	EPA T4F / EV STAGE V	2100*980*1100	930
CF185MY-7	185CFM / 5.2M³/MIN	7BAR / 101.5PSI	YANMAR 4TNV88C	EPA T4F / EV STAGE V	3180*1630*1600	1020
CF250BK-7	250CFM / 7M³/MIN	7BAR / 101.5PSI	CUMMISN QSF2.8	EPA T4F	2280*1224*1260	1100
CF250MK-7	250CFM / 7M³/MIN	7BAR / 101.5PSI	CUMMISN QSF2.8	EPA T4F	3530*1760*1850	1380
CF265BY-7	265CFM / 7.5M³/MIN	7BAR / 101.5PSI	YANMAR 4TNV98CT	EPA T4F / EV STAGE V	2280*1224*1260	1100
CF265MY-7	265CFM / 7.5M³/MIN	7BAR / 101.5PSI	YANMAR 4TNV98CT	EPA T4F / EV STAGE V	3530*1760*1850	1380
CF330MK-10.5	330CFM / 9.3M³/MIN	10.5BAR / 152.25PSI	CUMMINS QSF3.8-130	EPA T4F / EV STAGE V	4155*2024*1890	1970
CF375BK-7	375CFM / 10.6M³/MIN	7BAR / 101.5PSI	CUMMINS QSF3.8-130	EPA T4F / EV STAGE V	2657*1355*1466	1850
CF375MK-7	375CFM / 10.6M³/MIN	7BAR / 101.5PSI	CUMMINS QSF3.8-130	EPA T4F / EV STAGE V	4155*2024*1890	1970
CF750MK-10.5	750CFM / 21M³/MIN	10.5BAR / 152.25PSI	CUMMINS QSB6.7	EPA T4F / EV STAGE V	4370*1750*2305	3800
CF750MK-21	750CFM / 21.1M³/MIN	21BAR / 304.5PSI	CUMMINS X12	EPA T4F / EV STAGE V	4683*2200*2535	5850
CF900MK-10.5	900CFM / 25.4M³/MIN	10.5BAR / 152.25PSI	CUMMINS QSB6.7	EPA T4F / EV STAGE V	4370*1750*2305	3800
CF1150MK-25	1150CFM / 32.4M³/MIN	25BAR / 362.5PSI	CUMMINS X12	EPA T4F / EV STAGE V	4683*2200*2535	5850
CF1250MC-25	1250CFM / 35.2M³/MIN	25BAR / 362.5PSI	CATERPILLAR C13B	EPA T4F / EV STAGE V	4683*2200*2535	5850
CF1350MC-25	1350CFM / 38M³/MIN	25BAR / 362.5PSI	CATERPILLAR C18	EPA T4F / EV STAGE V	4683*2200*2535	6550
CF1400MK-14	1400CFM / 39.4M³/MIN	14BAR / 203PSI	CUMMINS QSX15	EPA T4F / EV STAGE V	4683*2200*2535	7155
CF1600MK-10.5	1600CFM / 45M³/MIN	10.5BAR / 152.25PSI	CATERPILLAR C13B	EPA T4F / EV STAGE V	4683*2200*2535	6550







● Please contact with CFAIR teams for more models of compressors.

● Specifications are subject to change without notice.

PNEUMATIC TOOLS

T SERIES

DETAILS

- Heat-treated forged body for excellent durability.
- Noise reduction muffler is optionally available.
- D-style handle for precise control



Model	Piston Diameter	Piston Stroke	Avg. Air Consumption	Weight	Impact Frequency	Air Pressure	Overall Length	Hose Size	Shank Size
TCA-7	35	120	35.3	7.2	20.8	6.3	465	19	26×80
TCD-20	42.85	60	39	10	33.3	6.3	520	19	26×80
TPB-40	44	146	56.8	18	17.5	6.3	660	19	25×108
TPB-60	57.15	100	66.7	30	23.3	6.3	345	19	32×152
TPB-90	66.67	152	36.7	42	25.3	6.3	723	19	32×152

M/B SERIES



Model	Bore (mm)	Stroke (mm)	Impact Rate (B.P.M)	Weight (kg)	Length (mm)	Air Consumption (CFM/m3/min)	Shank Size (mm)	Air Inlet (inch)
MO-2	32	163	1500	7.9	560	48.7 / 1.37	Ø24×72	3/4
MO-3	32	193	1320	8.2	595	1.43 / 50.8	Ø24×72	3/4
MO-4	32	228	1080	9	650	1.67 / 59.3	Ø24×72	3/4
B-1	38	198	960	14.1	665	2.74 / 97.4	Ø24×72	3/4
B-2	38	258	780	15.4	745	2.5 / 89	Ø24×72	3/4
B-3	38	293	720	16.2	795	2.5 / 89	Ø24×72	3/4

CHIPPING HAMMER & SPADE



Model	Diameter (mm)	Stroke (mm)	Air Pressure (Mpa)	Impact Energy J	Impact Frequency (HZ)	Air Consumption (L/S)	Pipe Joint Outer Diameter (mm)	Weight (kg)	Shank Size (mm)
C3	25	60	0.63	≥5	≥45	≤15	13	3.5	Ø17.5×60
C4	30	80	0.63	≥10	≥40	≤18	18	5.7	Ø17.5×60
C6A	30	105	0.63	≥14	≥32	≤21	18	6.7	Ø17.5×60
C6E	25	92	0.63	≥10	≥35	≤19	13	4.4	Ø17.5×60
Q6D	33	45	0.63	≥5	≥30	≤280	9	5.2	S18×60
Q8T	48	55	0.63	≥15	≥26	≤480	9	8	S18×60

G SERIES



Model	Bore (mm)	Stroke (mm)	Use air pressure (Mpa)	Weight (kg)	Length (mm)	Air consumption (L/S)	Shank Size (mm)	outer diameter
G10	38	155	0.63	10	570	≤26	Ø24×72	19
G12	38	155	0.63	11	570	≤26	Ø24×72	20
G15	38.5	155	0.63	11	570	≤26	Ø24×72	20
G16	40	155	0.63	13	345	≤26	Ø24×72	20
G20A	48	155	0.63	20	540	≤28	Ø30×87	20
G20B	40	155	0.63	14	600	≤26	Ø24×72	20
G25	48	155	0.63	42	723	≤28	Ø30×87	20
G30	48	155	0.63	20.5	600	≤28	Ø30×87	20

ROCK DRILLING

FUNCTIONAL USE

- Rock drills are used in mining, quarrying, tunnel construction, blasting, breaking rock, and drilling holes in construction and civil engineering projects.



ACCESSORIES



Model	Weight (kg)	Bore (mm)	Stroke (mm)	Impact Energy J	Impact Frequency (HZ)	Air consumption (L/S)	Air Hose (mm)	Water Hose (mm)	Shank (mm)
Y-18	18	60	50	32.7	30	25	19	13	22×108
Y-20	18	60	50	32.7	30	25	19	13	22×108
Y-24	24	70	70	62	31	56	19	13	22×108
Y-28	26	80	60	63	35	58	25	13	22×108

ACCESSORIES



Shovel Head	1#	2#	3#	4#	5#	6#	7#	8#
Length and Width	390×140	300×200	300×60	300×25	390×pointed	270×35	240×80	560×110
Weight (kg)	1.5	1.1	0.63	0.59	0.56	0.57	0.6	2

Our brand of goods packaging can accept the customer's customized packaging type, such as wooden box .

● For more pneumatic tool models, please contact CFAIR team.

ACCESSORIES, PRE-SALES AND AFTER-SALES SERVICES

ACCESSORIES SERVICE AND PACKAGING DELIVERY



ACCESSORIES SERVICE

CFAIR offers a comprehensive accessories service. When you purchase a machine, you can opt to have the corresponding maintenance accessories shipped with it, or you can buy them separately during maintenance.
Additionally, CFAIR provides air transportation services for your convenience.



PACKAGE CONDITION

CFAIR offers two superior packaging options to ensure your machine's safe transit: PE film with anti-collision cotton and wooden box packaging. These excellent packaging methods help prevent any damage or bumps during transportation.



DELIVERY TIME

CFAIR uses German technology to design oil-free screw air compressor heads to ensure safety and stability, ensure clean air output, reduce maintenance, extend service life, and be environmentally friendly.

PAYMENT METHOD AND AFTER-SALES SERVICE



TECHNICAL SERVICES

CFAIR offers advanced air compressor technology, ensuring seamless operation and intuitive controls, along with comprehensive after-sales support to meet all your maintenance and service needs efficiently.



TECHNICAL SERVICES

CFAIR calculates the warranty period after purchase and delivery (warranty period 1 year), and can be switched to a warranty plan (up to 1,000 operating hours) without any complex contract negotiations. Best of all: During the warranty period, there is no additional cost to pay, except for the standard maintenance costs.



WARRANTY PLAN

Our relentless efforts in supply chain management and quality control have earned CFAIR a strong market reputation, focusing on customer feedback to improve product reliability, durability, and delivery timeliness.

Our brand of goods packaging can accept the customer's customized packaging type, such as wooden box .

CFAIR ALL AIR COMPRESSOR SOLUTIONS

CFAIR COMPRESSED AIR MACHINE TYPE SPECTRUM



Small Air
- 50-535 CFM
- 101.5-152.25 PSI

(Pneumatic Pick for sale)



Medium Air
- 535-850 CFM
- 101.5-152.25 PSI

(Pneumatic Pick for sale)



Large Air
- 600-1800 CFM
- 152.25-435 PSI

(Pneumatic Pick for sale)



PORTABLE SCREW AIR COMPRESSOR
- 50-1800 CFM
- 101.5-435 PSI



EU/EPA PORTABLE SCREW AIR COMPRESSOR
- 50-1800 CFM
- 101.5-362.5 PSI



BOX-TYPE SCREW AIR COMPRESSOR
- 50-1800 CFM
- 101.5-435 PSI



AFTER-COOLER SCREW AIR COMPRESSOR
- 75-1600 CFM
- 101.5-362.5 PSI



HIGH PORTABLE SCREW AIR COMPRESSOR
- 75-1800 CFM
- 101.5-435 PSI



OIL-FREE SCREW AIR COMPRESSOR
- 150-1500 CFM
- 127.6-149.5 PSI

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