

PORTABLE

SCREW COMPRESSOR

CF100BC-7

SERIES



AIR PRESSURE: 7 Bar / 101.5 PSI
FAD: 100 CFM / 2.8 m³/min

Main Improvements:

Availability for wide application

Genelite model is line up to suit a wide range of applications such as pneumatic tools drilling and blasting.

Easy Starting in Cold Weather

This compressor is superior in cold weather starting.

Meters with Luminous Lights

Meters on operation panel are equipped with luminous light.

Reliable Warning Signal

Warning signals have luminiscent diode and so become more reliable.

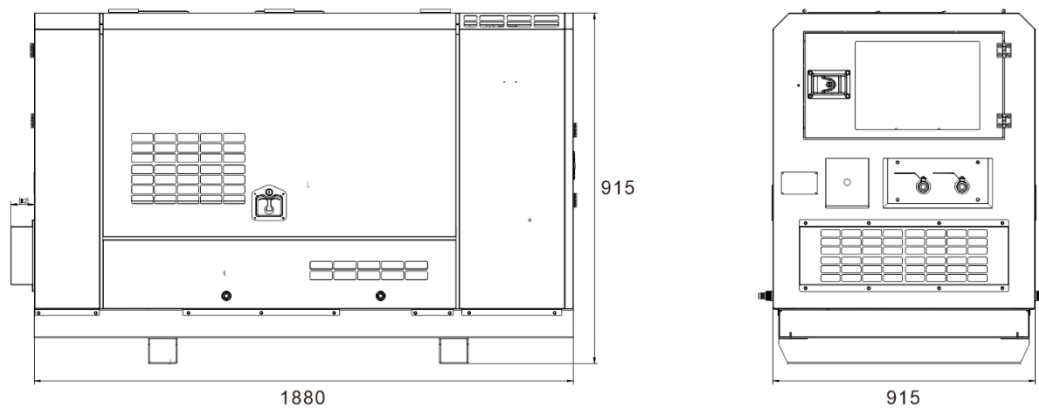
Double Element Air Cleaner

Double element air cleaner prevents dust from entering when replacing element.

Easy Cleaning of Cooling System

This compressor is so designed that the interiors of radiator and oil cooler and also fuel tank can be easily and quickly clean





COMPRESSOR

Type	Rotary twin screw, single stage, oil-cooled
Free air delivery	2.8 m ³ /min(100 cfm)
Working pressure	7 bar (101.5 psi)
Unloader	Suction port closing in connection with stepless speed regulator
Lubrication system	Forced lubrication by compression pressure
Driving system	Direct coupling with rubber
Oil cooling	Air-cooled
Air cleaner	Dry paper filter type

OIL SEPARATOR-RECEIVER TANK

Type	Vertical, cylindrical, full-welded
Capacity	20 L
Max. working pressure	1.58MPa
Hydraulic test pressure	2.37MPa
Air outlet valve	2pcs x 3 /4"
Recommend Oil type	#46

DIESEL ENGINE

Model	ISUZU JX493G3
Type	Water-cooled, 4-cycle, Direct-Injection, Naturally aspirated
No. Of cylinders	4
Bore x stroke	93 mm x 102 mm
Total displacement	2.771 liters
Compression ratio	18.2 : 1
Rated output	44 kW(59.8PS) 2,500rpm
Max.torque	172 N.m/approx.2,000rpm
Governor	Mechanical
Alternator	DC 12 V, 35 A
Starting motor	DC 12 V, 2.2 kw
Battery	45AH X 1 pcs, 380CCA
Air cleaner	Two-stage dry type

INSTRUMENTS & GAUGES

EMERGENCY STOP DEVICES

Oil pressure switch
Engine coolant temperature switch
Discharge air temperature switch
Compressor oil temperature switch
Engine speed down switch

GAUGES

Air Pressure gauge	Tachometer
Fuel level gauge	Engine oil pressure
Stop button	Engine coolant temp
Starter switch	Discharge air temp
Starting Loader	Discharge air pressure
	Hourmeter

LIQUID CAPACITY

Fuel tank capacity	60 liters
Engine oil capacity	5 liters
Coolant capacity	8 liters
Compressor oil capacity	20 liters

DIMENSIONS & WEIGHT

L x W x H	1880 x 915 x 1230 mm
Weight	820 Kg



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SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

