

**PORTABLE**

# SCREW COMPRESSOR

**CF275BC-7**

**SERIES**



**AIR PRESSURE: 7 Bar / 101.5 PSI**  
**FAD: 275 CFM / 7.8 m<sup>3</sup>/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.

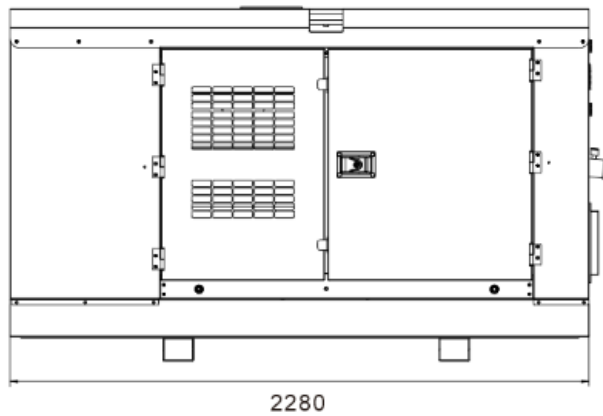
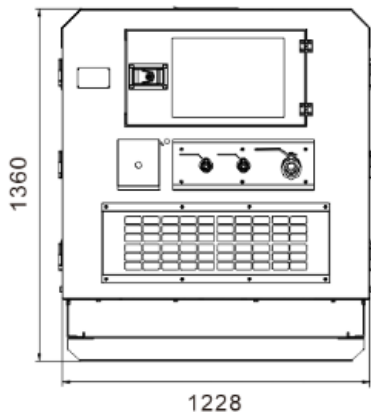
### **Double Element Air Cleaner**

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	7.8 m <sup>3</sup> /min(275 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
Shell dia	250 mm
Shell length	784 mm
Capacity	32 L
Max. working pressure	1.58MPa
Hydraulic test pressure	2.37MPa
Air outlet valve	2pcs x 3 /4"+1pc 1-1/2"
Recommend Oil type	#46

### DIESEL ENGINE

Model	ISUZU JX493ZG3
Type	Water-cooled, 4-cycle, Direct-Injection, Turbo-Charged type
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	80AH 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	100 liters
Engine oil capacity	5 liters
Coolant capacity	8 liters
Compressor oil capacity	32 liters

### DIMENSIONS & WEIGHT

L x W x H	2280 x 1228 x 1360 mm
Weight	1100 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.

