

ULTRA AIR

ENGINE DRIVE COMPRESSOR

PORTABLE ***SCREW COMPRESSOR***

UT390M-10 **SERIES**



AIR PRESSURE: 7 bar
FAD: 390 CFM / 11 m³/min

Main Improvements:

Availability for wide application

ULTRA-AIR 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.

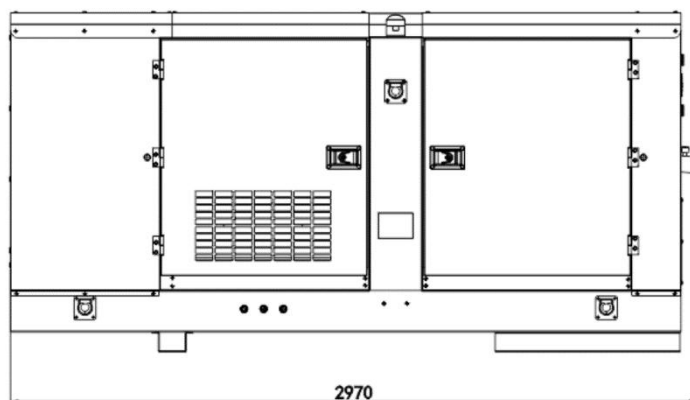
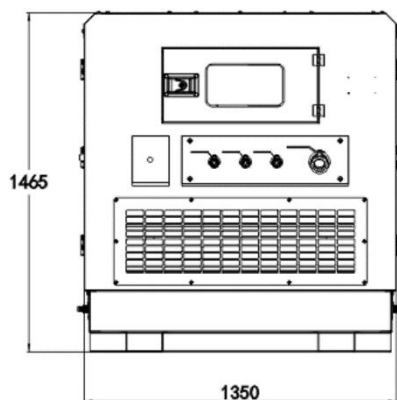
Double Element Air Cleaner

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

Easy Maintenance

New interior layout, including fuel tank,featuring easy to clean design. · Rubber hose makes easy to drain fuel, compressor oil and engine oil.





COMPRESSOR

Type	Rotary twin screw, single stage, oil-cooled
Free air delivery	11 m ³ /min(400 cfm)
Working pressure	7 bar (152.3 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

DIESEL ENGINE

Model	CUMMINS 6BT5.9-C180
Type	Water-cooled, 4-cycle, Direct-Injection, Turbo-Charged type
No. Of cylinders	6
Bore x stroke	102 mm x 120 mm
Total displacement	5.9 liters
Compression ratio	17.3 : 1
Rated output	109 kW(148.2PS) 2,100rpm
Max.torque	580 N.m/approx.1,500rpm
Governor	Mechanical
Alternator	DC 24 V, 40 A
Starting motor	DC 24 V, 6 kw
Battery	80AH X 1 pcs, 580CCA
Air cleaner	Two-stage dry type

LIQUID CAPACITY

Fuel tank capacity	210 liters
Engine oil capacity	16.3 liters
Coolant capacity	30 liters
Compressor oil capacity	60 liters

OIL SEPARATOR-RECEIVER TANK

Type	Vertical, cylindrical, full-welded
Shell dia	350 mm
Shell length	940 mm
Capacity	75 L
Max.working pressure	1.58MPa
Hydraulic test pressure	2.37MPa
Air outlet valve	3pcs x 3 /4" + 1pc x 2"
Recommend Oil type	#46

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

DIMENSIONS & WEIGHT

L x W x H	3910x1885x1950 mm
Weight	2100 Kg
20ft container	2 sets
40HQ container	4 sets



SAFETY

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

