



SCREW TYPE AIR COMPRESSOR

MC190S-I SERIES



Main Improvements:

Availability for wide application

MCWEL 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 luminescent 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

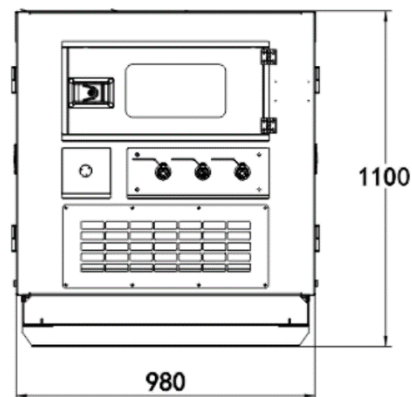
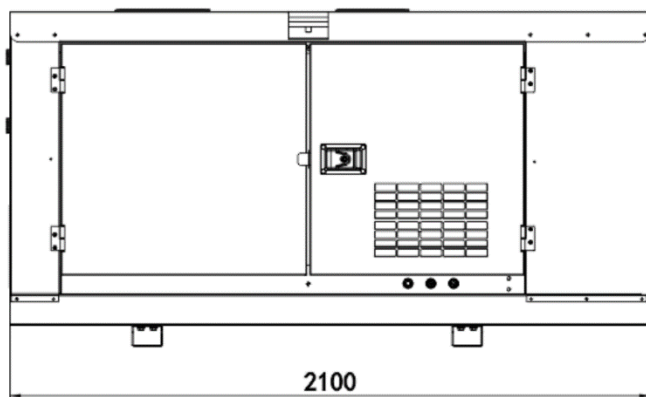
This compressor is so designed that the interiors of radiator and oil cooler and also fuel tank can be easily and quickly cleaned

AIR PRESSURE: 7 bar

FAD: 190 CFM / 5.4 m³/min



JPN INDUSTRIAL TRADING PTE LTD



COMPRESSOR

Type	Rotary twin screw, single stage, oil-cooled
Free air delivery	5.4 m ³ /min(190 cfm)
Working pressure	7 bar (100 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	3pcs x 3/4"
Recommend Oil type	#46

DIESEL ENGINE

Model	ISUZU 4JB1ZY-01
Type	Water-cooled, 4-cycle, Direct-Injection,
No. Of cylinders	Turbocharged
Bore x stroke	4
Total displacement	93 mm x 102 mm
Compression ratio	2.771 liters
Rated output	18.2 : 1
Max. torque	50 kW, 2,500rpm
Governor	172 N.m/approx. 2,000rpm
Alternator	Mechanical
Starting motor	DC 12 V, 35 A
Battery	DC 12 V, 2.2 kw
Air cleaner	80AH X 1 pcs, 580CCA
	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
	Hour meter

LIQUID CAPACITY

Fuel tank capacity	80 liters
Engine oil capacity	5 liters
Coolant capacity	8 liters
Compressor oil capacity	32 liters

DIMENSIONS & WEIGHT

L x W x H	2100 x 980 x 1100 mm
Weight	930 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.