

PORTABLE SCREW COMPRESSOR

PDS265S



Main Improvements:

◆ Fuel-Efficient

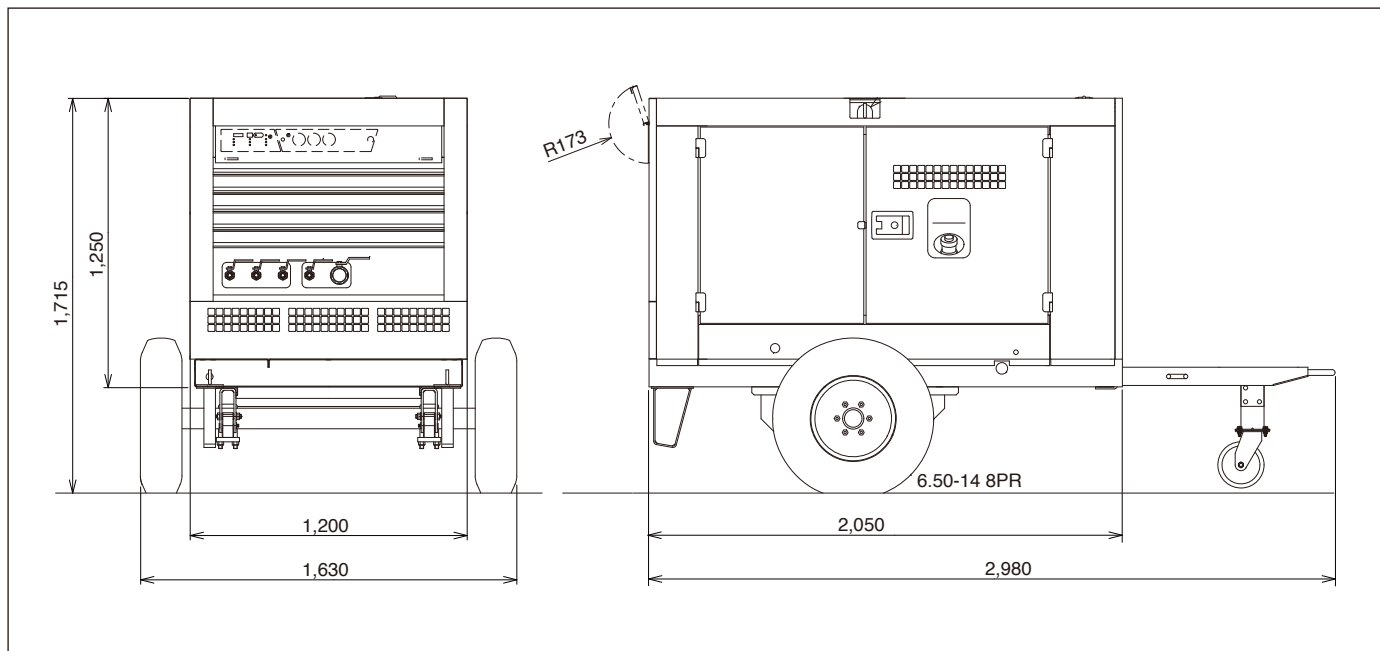
- Fuel consumption is reduced compared to previous model and improved by remodeling engine and regulator characteristic

◆ Easy Maintenance

- Flat frame structure makes easy to clean up inside of machines.
- Large-sized bonnet for easy accessibility to interior inspection and maintenance
- Double air element for standard equipment

◆ Easy Operation

- Automatic switch of starter unloader valve
- Warning display: Blinking, Emergency stop display: Lighting on
- Digital display for discharge air temp., coolant temp.,



SPECIFICATIONS PDS265S-4B2

COMPRESSOR

Type	Rotary twin screw, single stage, oil-cooled
Free air delivery	7.5 m ³ /min(265 cfm)
Working pressure	0.69 MPa(7.0 kgf/cm ² G)(100 psi)
Unloader	Suction port closing in connection with stepless speed regulator
Lubrication system	Forced lubrication by compression pressure
Driving system	Direct coupling with gears coupling
Oil cooling	Air-cooled
Air cleaner	Dry paper filter type

DIESEL ENGINE

Model	YANMAR 4TNV98T-NHK
Type	Water-cooled, 4-cycle, direct injection, turbo-charged type
No. of cylinders	4
Cyl. bore X stroke	98 mm x 110 mm
Total displacement	3.319 liters
Compression ratio	18.1 : 1
Rated output	61.2 kW/2,500 min ⁻¹ (83.2 PS/2,500 rpm)
Max. torque	313.2 Nm/approx. 1,800 min ⁻¹ (31.94 kgf-m/approx. 1,800 rpm)
Injection pump	Yanmar VE pump type
Governor	Centrifugal, all-speed
Alternator	AC 12 V, 55 A
Starting motor	DC 12 V, 2.3 kW
Battery	95D31R-MF x1 pc.
Air cleaner	Dry type
Fuel tank capacity	115 liters
Engine oil capacity(including oil cooler)	10.5 liters
Coolant capacity(including engine radiator)	10 liters
Compressor oil capacity(including receiver tank & oil cooler)	30 liters

OIL SEPARATOR-RECEIVER TANK

Type	Vertical, cylindrical, full-welded
Shell dia.	Φ350 mm
Shell length	698 mm
Capacity	0.069 m ³
Max. working pressure	1.0 MPa(10.2 kgf/cm ² G)
Hydraulic test pressure	1.5 MPa(15.3 kgf/cm ² G)
Air outlet valve	50 A x 1 pc., 20 A x 4 pcs.

INSTRUMENTS & GAUGES

EMERGENCY STOP DEVICES

- Oil pressure switch
- Engine coolant temperature switch
- Discharge air temperature switch

GAUGES

- Digital Monitor indicator(temp. / pressure / rate of suction press.)
- Selector switch for digital monitor indication
- Pressure gauge
- Fuel level gauge
- Hourmeter
- Starter switch

WARNING LAMP

- For engine oil pressure drop
- For engine coolant temperature rise
- For discharge air temperature rise
- For battery charging
- For fuel residual level down
- For compressor air filter clogging
- For engine air filter clogging

WEIGHT

Dry weight	1,320 kgs
Operating weight	1,460 kgs

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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.



ISO90010 : JQA-0581
ISO14001 : JQA-EM4670