

## High Pressure Type

# PDSF750S

Working pressure: **10.3bar**, Free air delivery: **21.2m<sup>3</sup>/min**

# PDSH600S

Working pressure: **17bar**, Free air delivery: **17.0m<sup>3</sup>/min**



## Main Features

- ◆ Newly designed Air-end that maximize free air delivery to improve productivity effectively.
- ◆ Coupled with Japan Isuzu engine which has low failure rate, stable performance.
- ◆ By redesign the heat exchanger, the heat balance of the machine has been improved. As a result, it can reduce overheating issues in extreme environments and even more reliable when using in hot climate.

## Safety Devices

### Warning Alarm

- Discharged air temp. increase
- Oil separator discharged air temp. increase
- Engine water temp. increase
- Engine air filter clog
- Compressor air filter clog
- Alternator charging failure
- Unable to start due to receiver tank residual pressure

### Emergency Shutdown

- Discharged air temp. too high
- Engine water temp. too high
- Engine oil pressure too low
- Engine speed too low
- Oil separator discharged air temp. too high
- Temperature sensors open circuit
  - Discharged air temp. sensor
  - Engine water temp. sensor
  - Oil separator discharged air temp. sensor
- Fuel level too low

## ■ SPECIFICATION

Model		<b>PDSF750S</b> -4B4	<b>PDSH600S</b> -4B4
<b>● COMPRESSOR</b>			
Type		Rotary Twin Screw, Single-Stage, Oil-cooled	
Operating Pressure	MPa	1.03	1.7
Free Air Delivery	m <sup>3</sup> /min	21.2	17.0
Compressor Oil Capacity	L	75	65
Air Outlets		2"×2pcs, 3/4"×1pc	2"×1pc, 3/4"×2pcs
<b>● ENGINE</b>			
Maker/Model		ISUZU AA-6HK1	
Type		Direct-Injection, Turbo-Charged, Intercooled	
Total Displacement	L	7.79	
Rated Output	PS(kW)/rpm	247 (182) / 2,100	
Designated Emissions Regulation		JPN Tier 2	
Fuel Tank Capacity	L	300	
Fuel economy (At 70% load)	L/hr	28.0	
Lubrication Oil Capacity	L	44.0	
Coolant amount	L	39.0	
Battery		120Ah×2 pcs	
<b>● DIMENSION &amp; WEIGHT</b>			
Overall Length×Width×Height	mm	4,810×2,150×2,130	
	inch	189.4×84.6×83.9	
Dry Weight	kg	3,210	
Wet Weight	kg	3,580	
<b>● Noise</b>			
Sound power level in decibels (L <sub>WA</sub> )	dB(A)	102	

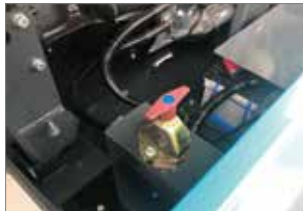
\* Assemble in AIRMAN's production plant in China.

Emergency stop button



Newly added "Emergency Stop Button" in response to demands from Oil & Gas industry and others.

Battery switch



Newly added battery switch improves safety and ease of servicing.

Forklift slot



Easy to carry and transport.

# AIRMAN®

## HOKUETSU INDUSTRIES CO., LTD.

8th Floor Shinjuku San-Ei Bldg,  
22-2 Nishi-Shinjuku 1-Chome, Shinjuku-ku, Tokyo 160-0023 Japan  
Tel: 81-3-3348-7281 Fax: 81-3-3348-7289  
E-mail: [airman.oversea@airman.co.jp](mailto:airman.oversea@airman.co.jp)  
<http://www.airman.co.jp>

## AIRMAN ASIA SDN. BHD.

Suite A-8-2, level 8, Block A, Sky Park @ One City,  
Jalan USJ 25/1, 47650 Subang Jaya, Selangor, Malaysia  
Tel: 60-3-5036-7228 Fax: 60-3-5036-7226  
E-mail: [sales@airman-asia.com](mailto:sales@airman-asia.com)

## HOKUETSU INDUSTRIES EUROPE B.V.

Aalsmeerderdijk 156, 1438 AX Oude Meer, The Netherlands  
Tel: 31-20-6462636 Fax: 31-20-6462191  
E-mail: [info@hokuetsu.nl](mailto:info@hokuetsu.nl)

## AIRMAN USA CORPORATION

7633 Adairsville Hwy Adairsville, GA 30103  
Tel: 1-770-769-4241 Fax: 1-770-769-4335



<b>SAFETY</b>	
●	Operate safely in accordance with proper operation manual.
●	To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.



ISO9001 : JQA-0581  
ISO14001 : JQA-EM4670