

**OUR HEAD OFFICE AND PLANT ARE CERTIFIED
TO BOTH ISO 9001 AND ISO 14001.**

Niigata plant:

Shimo Aozu, Tsubame-city, Niigata-prefecture, Japan.



**ISO9001 : JQA-0581
ISO14001 : JQA-EM4670**

SAFETY

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

AIRMAN®

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DISTRIBUTOR :



**TWIN SCREW COMPRESSOR
PDS series**

AIRMAN®



**PORTABLE
SCREW
COMPRESSOR**

PDS series



HOKUETSU INDUSTRIES CO., LTD.

AIRMAN delivers a new wind through the original technology.

We have been manufacturing and selling compressors since our founding more than 80 years.

AIRMAN is the top brand manufacturers of portable compressors in Japan, and which has capable of independent performing all steps from development to production and sales of air-ends.

As a comprehensive manufacturer of industrial machinery, we will continue to deliver the original and innovative AIRMAN style.



THE “AIRMAN” PDS SERIES COMPRESSORS OFFER THE FOLLOWING ADVANCED FEATURES;

UNIQUE SCREW DESIGN

Specially heat treated rotors are machined to extremely tight tolerances by utilizing the latest in computer controlled machinery.

PRO ENVIRONMENT (NOISE)

AIRMAN compressors are designed with the environment in mind. Noise levels are below EPA requirements and meet all EEC legislative requirements.

PRO ENVIRONMENT (EMISSION)

The efficiency of the AIRMAN unique profile means that required engine power is extremely low resulting in less emission into the atmosphere.

To allow the engine to warm-up under a light load AIRMAN compressors are fitted with a device which prevents pressure from building up in the receiver while maintaining the engine at idle speed.

CAPACITY CONTROL

Automatically adjusts capacity from 0-100%.Control design eliminates engine surging by optimizing engine speed at reduced capacity demands thus reducing wear and maximizing fuel efficiency.

OPERATIONAL PANEL

The panel, fitted at the rear for added operator’s protection, monitors the operations of the machine.

SERVICEABILITY

To minimize service time AIRMAN compressors are fitted with wide opening doors which provide total access for servicing and routine maintenance. To further simplify servicing, all drainage points are fitted with valves, and are piped to the outside of the unit. The fuel system of all models (except PDSF830) is equipped with an automatic air bleeder.

TOUGH METAL CONSTRUCTION

Pre-painting of the full chassis and body-work prior to assembly with an electrostatic process ensures a tough quality finish and eliminates unpainted, rust prone metal to metal contact areas.

SHUTDOWN & PROTECTION SYSTEM

AIRMAN compressors are constantly monitored and protected against high air discharge, high-coolant temperature, low engine oil pressure and other functions are also monitored. (for all models except upto PDS125S).

OPERATOR PROTECTION

Fan belt covers and an over-pressure relief valve are provided to offer additional operator protection.



Box Series

Compressor supplying air energy at construction site

The box series is designed for mounting on pick-up trucks, and for stowing operating in confined spaces.



PDS55S



PDS130S



PDS265S



■ SPECIFICATIONS

Model	PDS55S-5C1	PDS75S-5C1	PDS100S-5C1	PDS130S-5C3	PDS185S-5C5	PDS185S-7C5 [Oil Fence]	PDS265S-5B2	
● COMPRESSOR								
Type	Rotary Twin Screw, Single-Stage, Oil-cooled							
Free air delivery	m ³ /min	1.6	2.1	2.8	3.7	5.2	5.2	7.5
Rated operating pressure	MPa(kgf/cm ²)(psi)	0.69(7.0)(100)	0.69(7.0)(100)	0.69(7.0)(100)	0.69(7.0)(100)	0.7(7.14)(102)	0.7(7.14)(102)	0.69(7.0)(100)
Compressor capacity	L	8	11	11	15	15	15	30
Air outlet valve		3/4"×1	3/4"×2	3/4"×2	3/4"×2	3/4"×3	3/4"×3	3/4"×4, 2"×1 (OP)
● ENGINE								
Make/Model	IHI SHIBAURA E673L-D	IHI SHIBAURA S753-D	IHI SHIBAURA S773L-D	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BXDHKS	YANMAR 4TNV88-BXDHKS	YANMAR 4TNV98T-NHK	
Type (4Cycle, Water-Cooled)	Swirl-Chamber			Direct-Injection			Direct-Injection, Turbo-Charged	
Rated output	PS(kW)/rpm	14.3(10.5)/3200	20.7(15.2)/3500	25.8(19.0)/3500	36.5(26.9)/3000	47.5(34.9)/3000	83.2(61.2)/2500	
Engine oil capacity	L	3	4.2	4.5	6.7	7.4	10.5	
Fuel tank capacity	L	18	28	28	70	90	115	
Battery		55B24R×1	80D26R×1	80D26R×1	80D26R×1	80D26R×1	95D31R×1	
● DIMENSION & WEIGHT								
Overall length	mm(inch)	1420(55.9)	1580(62.2)	1580(62.2)	1700(66.7)	1970(77.6)	1300(51.2)	2050(80.7)
Overall width	mm(inch)	720(28.3)	750(29.5)	750(29.5)	890(35.0)	950(37.4)	825(32.5)	1200(47.2)
Overall Height	mm(inch)	820(32.3)	867(34.1)	865(34.1)	1080(42.5)	1080(42.5)	925(36.4)	1250(49.2)
Dry (Operating) weight	kg	320(350)	425(465)	425(475)	640(720)	755(850)	825(925)	1150(1290)
Tire Size		-	-	-	-	-	-	-
● OTHER								
Sound power level in decibels	dB	92	92	94	94	95	94	98
Sound pressure level	dB(A)	64	64	66	66	68	68	69
Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 2

- Specifications are subject to change without notice.
- Sound pressure level is measured at 7m in 4 directions average.

Trailer Series

Compressor supplying air energy at construction site

Available in a wide range of models to meet your need. Featuring sound-proof structure and low noise, easy operation, and completely monitoring system. High-performance compressor with proven reliability and high efficiency.



PDS185S



PDS265S



PDS655S



■ SPECIFICATIONS

Model	PDS185S-6C2	PDS265S-4B2	PDS400S-6B5	PDS655S-4B2	PDS750S-4B1	
● COMPRESSOR						
Type	Rotary Twin Screw, Single-Stage, Oil-cooled					
Free air delivery	m ³ /min	5.2	7.5	11.3	18.5	21.2
Rated operating pressure	MPa(kgf/cm ²)(psi)	0.69(7.0)(100)	0.69(7.0)(100)	0.7(7.14)(102)	0.7(7.14)(102)	0.7(7.14)(102)
Compressor capacity	L	15	30	51	80	80
Air outlet valve		3/4"×2	3/4"×4, 2"×1 (OP)	3/4"×2, 2"×1	3/4"×2, 2"×1	3/4"×2, 2"×1, 3/8"×1
● ENGINE						
Make/Model	YANMAR 4TNV88-BDHK	YANMAR 4TNV98T-NHK	KUBOTA V3800DI-TI-E2B-COHE1	HINO J08C-V	HINO J08C-UT	
Type (4Cycle, Water-Cooled)	Direct-Injection	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection	Direct-Injection, Turbo-Charged	
Rated output	PS(kW)/rpm	49.5(36.4)/3000	83.2(61.2)/2500	102.2(75.2)/2600	160(118)/2500	197(145)/2100
Engine oil capacity	L	7.4	10.5	13	23	23
Fuel tank capacity	L	90	115	178	270	315
Battery		80D26R×1	95D31R×1	130F51×2	115F51×2	115F51×2
● DIMENSION & WEIGHT						
Overall length	mm(inch)	2960(116.5)	2400(94.5)	3605(141.9)	3650(143.7)	2070(81.5)
Overall width	mm(inch)	1650(65.0)	1570(61.8)	1975(77.8)	1685(66.3)	1685(66.3)
Overall Height	mm(inch)	1510(59.4)	1650(65.0)	1755(69.1)	2070(81.5)	2070(81.5)
Dry (Operating) weight	kg	860(960)	1310(1450)	1740(1945)	2850(3190)	2950(3300)
Tire Size		175R13-8PR×2W	145R12 8PR×2W	6.50-14 8PR×2W	175R13 8PR×4W	175R13 8PR×4W
● OTHER						
Sound power level in decibels	dB	98	98	100	102	104
Sound pressure level	dB(A)	69	69	71	73	74
Designated emissions regulation		US Tier 3	JPN Stage 2	US Tier 2	JPN Stage 2	JPN Stage 2

- The parking brake is included as standard equipment on larger units, such as the PDS655S—PDS750S, and is optional on smaller models. An overrun brake and mudguard are available as option.
- Specifications are subject to change without notice.
- Sound pressure level is measured at 7m in 4 directions average.

High Pressure Series

Compressor supplying high pressure air

Displaying excellent performance in mortar spraying, well drilling and natural resources explorations. AIRMAN original screw design enable to supply high pressure air. Suitable for foundation job such as jacking method, down the hole method, and large boring construction.



PDSF75S



PDSF140S



PDSF530S



PDSF750S



PDSF920S



PDSG750S



■ SPECIFICATIONS

Model	PDSE900S-4B1	PDSF75S-5C1	PDSF100S-5C3 [Box]	PDSF140S-5C3 [Box]	PDSF210S-5C3 [Box]	PDSF330DP-6B5 [2 stage Pressure switching] [Trailer]	
● COMPRESSOR							
Type	Rotary Twin Screw, Single-Stage, Oil-cooled						
Free air delivery	m ³ /min	25.0	2.1	2.8	4.0	6.0	9.3/10.6
Rated operating pressure	MPa(kgf/cm ²)(psi)	0.86(8.8)(125)	0.98(10.0)(140)	1.05(10.7)(150)	1.05(10.7)(150)	1.05(10.7)(150)	1.05(10.7)(150)/0.7(7.14)(102)
Compressor capacity	L	105	4.5	15	15	30	40
Air outlet valve		3/4"×1 2"×2	3/4"×2	3/4"×2	3/4"×2	3/4"×4	3/4"×2, 2"×1
● ENGINE							
Make/Model	MITSUBISHI 6D24-TE1	IHI SHIBAURA S773L-D	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BXDHKS	YANMAR 4TNV98T-ZNHK	KUBOTA V3800DI-TI-E2B-COHE1	
Type (4Cycle, Water-Cooled)	Direct-Injection, Turbo-Charged	Swirl-Chamber	Direct-Injection	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled	
Rated output	PS(kW)/rpm	280(206)/2200	35.1(25.8)/3000	36.6(26.9)/3000	49.6(36.5)/3000	83.2(61.2)/2500	102.2(75.2)/2600
Engine oil capacity	L	54	4.5	6.7	7.4	10.5	13
Fuel tank capacity	L	400	28	70	90	115	178
Battery		155G51×2	80D26R×1	80D26R×1	80D26R×1	95D31R×1	130F51×2
● DIMENSION & WEIGHT							
Overall length	mm(inch)	4000(157.5)	1580(62.2)	1700(66.7)	1970(77.6)	2050(80.7)	3605(141.9)
Overall width	mm(inch)	1900(74.8)	750(29.5)	890(35.0)	950(37.4)	1200(47.2)	1950(76.8)
Overall Height	mm(inch)	2150(84.6)	865(34.1)	1080(42.5)	1080(42.5)	1310(51.6)	1755(69.1)
Dry (Operating) weight	kg	4150(4650)	440(480)	640(720)	740(840)	1150(1290)	1740(1945)
Tire Size		6.50-14 8PR×4W	-	-	-	-	6.50-14 8PR×2W
● OTHER							
Sound power level in decibels	dB	110	94	94	94	98	99
Sound pressure level	dB(A)	71.5	65	65	65	69	69
Designated emissions regulation		JPN Stage 1	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	US Tier 2

- The parking brake is included as standard equipment. An overrun brake is available as option.
- Specifications are subject to change without notice.
- Sound pressure level is measured at 7m in 4 directions average.

■ SPECIFICATIONS

Model	PDSF530S-4B2 [Trailer]	PDSF750S-4B3 [Trailer]	PDSF830-4B1 [Trailer]	PDSF920S-4B3 [Trailer]	PDSF920S/G820S-4B1 [2 stage Pressure switching] [Trailer]	PDSG460S-4B2 [Trailer]	PDSG750S-4B1 [Trailer]	
● COMPRESSOR								
Type	Rotary Twin Screw, Single-Stage, Oil-cooled							
Free air delivery	m ³ /min	15.0	21.2	23.5	26.0	26.0/23.2	12.5	21.2
Rated operating pressure	MPa(kgf/cm ²)(psi)	1.05(10.7)(150)	1.05(10.7)(150)	1.05(10.7)(150)	1.05(10.7)(150)	1.05(10.7)(150)/1.27(13.0)(185)	1.27(13.0)(185)	1.27(13.0)(185)
Compressor capacity	L	80	68	105	120	120	80	105
Air outlet valve		3/4"×2, 2"×1	3/4"×2, 2"×2	3/4"×2, 2"×2	3/4"×1, 2"×1	3/4"×1, 2"×1	3/4"×2, 2"×1	3/4"×2, 2"×1
● ENGINE								
Make/Model	HINO J08C-V	ISUZU AA-6HK1X	MITSUBISHI 6D24-TE1	MITSUBISHI 6D24-TLE2A	MITSUBISHI 6D24-TLE2A	HINO J08C-V	MITSUBISHI 6D24-TE1	
Type (4Cycle, Water-Cooled)	Direct-Injection	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled		Direct-Injection	Direct-Injection, Turbo-Charged	
Rated output	PS(kW)/rpm	160(118)/2500	247(182)/2000	280(209)/2200	324(238)/2200	LP: 324(238)/2200 HP: 320(235)/2000	160(118)/2200	280(206)/2200
Engine oil capacity	L	23	44	54	49	49	23	54
Fuel tank capacity	L	270	300	400	400	555	270	400
Battery		115F51×2	155G51×2	155G51×2	170F51×2	170F51×2	115F51×2	155G51×2
● DIMENSION & WEIGHT								
Overall length	mm(inch)	3650(143.7)	4095(161.2)	4000(157.5)	4250(167.3)	4350(171.3)	3650(143.7)	4000(157.5)
Overall width	mm(inch)	1685(66.3)	2150(84.6)	1900(74.8)	1900(74.8)	2000(78.7)	1685(66.3)	1900(74.8)
Overall Height	mm(inch)	2070(81.5)	2130(83.9)	2150(84.6)	2150(84.6)	2445(96.3)	2070(81.5)	2150(84.6)
Dry (Operating) weight	kg	2890(3230)	3210(3570)	4150(4650)	4250(4750)	4650(5300)	2890(3230)	4150(4650)
Tire Size		175R13 8PR×4W	8.25-16 14PR×2W	6.50-14 8PR×4W	6.50-14 8PR×4W	6.50-16 10PR×4W	6.50-14 8PR×4W	6.50-14 8PR×4W
● OTHER								
Sound power level in decibels	dB	102	103	110	109	104	102	110
Sound pressure level	dB(A)	73	73	80	79	78.6	73	80
Designated emissions regulation		JPN Stage 2	China GB II	JPN Stage 1	JPN Stage 2 China GB II	JPN Stage 2 China GB II	JPN Stage 2	JPN Stage 1

- The parking brake is included as standard equipment. An overrun brake is available as option.
- Specifications are subject to change without notice.
- Sound pressure level is measured at 7m in 4 directions average.



■ SPECIFICATIONS

Model	PDSH600S-4B3 [Trailer]	PDSH850S-4B2 [2 stage Pressure switching] [Trailer]	PDSH850S/J750S-4B1 [2 stage Pressure switching] [Trailer]	PDSJ750S-4B2 [2 stage Pressure switching] [Trailer]	PDSK900-402 [Trailer]	PDSK900-422 [Skid]	PDSK1200S-4C1 [Trailer]	
● COMPRESSOR								
Type	Rotary Twin Screw, Single-Stage, Oil-cooled		Rotary Twin Screw, Two-Stage, Oil-cooled					
Free air delivery	m ³ /min	17.0	24.0	24.0/21.2	21.2	25.5	25.5	34.0
Rated operating pressure	MPa(kgf/cm ²)(psi)	1.70 (17.4) (250)	1.5(15.3)(220)/1.72(17.6)(250)	1.72(17.6)(250)/2.07(21.1)(300)	1.5(15.3)(220)/2.07(21.1)(300)	2.41 (24.6) (350)	2.41 (24.6) (350)	2.45(25.0) (355)
Compressor capacity	L	63	84	84	84	120	120	190
Air outlet valve		3/4"×1, 2"×2	3/4"×1, 2"×1	3/4"×1, 2"×1	3/4"×1, 2"×1	3/4"×1, 2"×1	3/4"×1, 2"×1	3/4"×2, 2"×1
● ENGINE								
Make/Model	ISUZU AA-6HK1	mitsubishi 6D24-TC	mitsubishi 6D24-TLE2A	mitsubishi 6D24-TC	mitsubishi S6B3-PTA	mitsubishi S6B3-PTA	CATERPILLAR C-15	
Type (4Cycle, Water-Cooled)	Direct-Injection, Turbo-Charged, Intercooled							
Rated output	PS(kW)/rpm	248 (182.1)/2000	310 (228)/2200	LP: 324 (238)/2200 HP: 320 (235)/2000	310 (228)/2200	445 (327.3)/1800	445 (327.3)/1800	548 (403)/1800
Engine oil capacity	L	44	49	49	49	81	81	61
Fuel tank capacity	L	300	555	555	555	710	710	864
Battery		155G51×2	170F51×2	170F51×2	170F51×2	195G51×2	195G51×2	225H52×2
● DIMENSION & WEIGHT								
Overall length	mm (inch)	4810 (189.4)	4350 (171.3)	4300 (169.3)	4350 (171.3)	4350 (171.3)	4350 (171.3)	5600 (220.5)
Overall width	mm (inch)	2150 (84.6)	1900 (74.8)	2000 (78.7)	1900 (74.8)	2100 (82.7)	2100 (82.7)	2110 (83.1)
Overall Height	mm (inch)	2130 (83.9)	2350 (92.5)	2445 (96.3)	2350 (92.5)	2315 (91.1)	2195 (86.4)	2500 (98.4)
Dry (Operating) weight	kg	3210 (3570)	5050 (5650)	5050 (5650)	5050 (5650)	6470 (7300)	6170 (7000)	7800 (8800)
Tire Size		8.25-16 16PR×2W	7.50-16 14PR×4W	7.50-16 14PR×4W	7.50-16 14PR×4W	7.50-16 12PR×4W	—	7.00-15 12PR (I) ×4W
● OTHER								
Sound power level in decibels	dB	102	110	104	110	105	105	114
Sound pressure level	dB (A)	73	80	74	80	75	75	82
Designated emissions regulation		China GB II	—	JPN Stage 2	—	JPN Stage 1	JPN Stage 1	China GB II

- The parking brake is included as standard equipment. An overrun brake is available as option.
- Specifications are subject to change without notice.
- Sound pressure level is measured at 7m in 4 directions average.

After-Cooler Series

Compressor supplying air energy without water vapor

After-cooler to eliminate water moisture from the compressed air. Suitable for sand-blasting and chipping.



■ SPECIFICATIONS

Model	PDS75SC-5C1 [Box]	PDS100SC-5C1 [Box]	PDS130SC-5C3 [Box]	PDS185SC-5C5 [Box]	PDS185SC-7C5 [Oil Fence] [Trailer]	PDS265SC-4B2 [Trailer]	PDS265SC-5B2 [Box]	
● COMPRESSOR								
Type	Rotary Twin Screw, Single-Stage, Oil-cooled							
Free air delivery	m ³ /min	2.1	2.8	3.7	5.2	5.2	7.5	7.5
Rated operating pressure	MPa(kgf/cm ²)(psi)	0.69 (7.0) (100)	0.69 (7.0) (100)	0.69 (7.0) (100)	0.7 (7.14) (102)	0.7 (7.14) (102)	0.69 (7.0) (100)	0.69 (7.0) (100)
Compressor capacity	L	11	11	15	15	15	30	30
Discharge Air Temperature	°C	Atmospheric Temperature+20						
Air outlet valve		3/4"×2	3/4"×2	3/4"×2	3/4"×3	3/4"×3	3/4"×4, 2"×1 (OP)	3/4"×4, 2"×1 (OP)
● ENGINE								
Make/Model	IHI SHIBAURA S753-D	IHI SHIBAURA S773L-D	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BXDHKSR	YANMAR 4TNV88-BXDHKSR	YANMAR 4TNV98T-NHK	YANMAR 4TNV98T-NHK	
Type (4Cycle, Water-Cooled)	Swirl-Chamber	Swirl-Chamber	Direct-Injection	Direct-Injection	Direct-Injection	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged	
Rated output	PS(kW)/rpm	20.7 (15.2)/3500	25.8 (19.0)/3500	36.6 (26.9)/3000	47.5 (34.9)/3000	47.5 (34.9)/3000	83.2 (61.2)/2500	83.2 (61.2)/2500
Engine oil capacity	L	4.5	5.1	6.7	7.4	7.4	10.5	10.5
Fuel tank capacity	L	28	28	70	90	92	115	115
Battery		80D26R×1	80D26R×1	80D26R×1	80D26R×1	80D26R×1	95D31R×1	95D31R×1
● DIMENSION & WEIGHT								
Overall length	mm (inch)	1580 (62.2)	1580 (62.2)	1700 (66.7)	1970 (77.6)	1970 (77.6)	2400 (94.5)	2050 (80.7)
Overall width	mm (inch)	750 (29.5)	750 (29.5)	890 (35.0)	950 (37.4)	950 (37.4)	1570 (61.8)	1200 (47.2)
Overall Height	mm (inch)	865 (34.1)	865 (34.1)	1080 (42.5)	1080 (42.5)	1300 (51.2)	1650 (65.0)	1250 (49.2)
Dry (Operating) weight	kg	435 (475)	445 (485)	650 (730)	765 (860)	835 (935)	1340 (1480)	1180 (1320)
Tire Size		—	—	—	—	—	145R12 8PR×2W	—
● OTHER								
Sound power level in decibels	dB	93	94	94	95	94	98	98
Sound pressure level	dB (A)	65	66	66	68	68	69	69
Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 2	JPN Stage 2

- C: with After Cooler D: with After Cooler and After Warmer
- Specifications are subject to change without notice.
- It is available for a trailer type for PDS265SC/SD.
- Sound pressure level is measured at 7m in 4 directions average.

Dry-Air Series

Compressor supplying dry air

Compact body with a built-in After-cooler, Auto-drain, After-Warmer, etc.
Supply dry air in even rainy or high humidity condition.
Suitable for pipe cleaning, painting, and sand-blasting.



PDS390SC



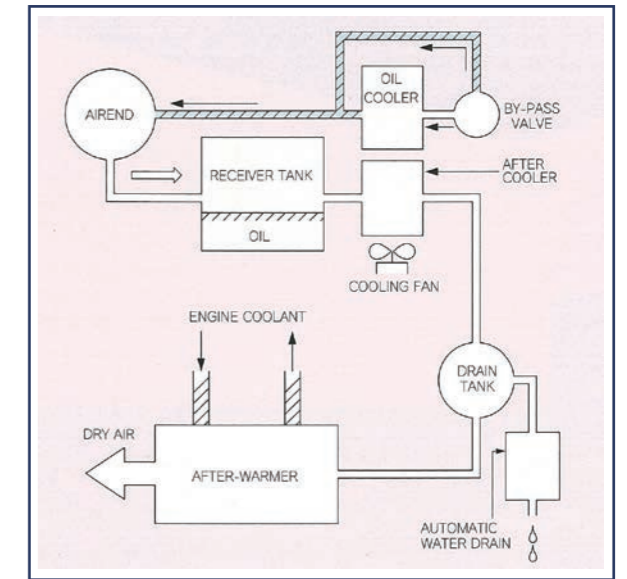
PDSF100SC



PDSF140SC



PDS655SD



■ SPECIFICATIONS

Model	PDS390SC-5C1 [Box]	PDS400SC-6B5 [Trailer]	PDSF100SC-5C3 [Box]	PDSF140SC-5C3 [Box]	PDSF210SC-5C3 [Box]	
● COMPRESSOR						
Type	Rotary Twin Screw, Single-Stage, Oil-cooled					
Free air delivery	m ³ /min	11.0	11.3	2.8	4.0	6.0
Rated operating pressure	MPa(kgf/cm ²)(psi)	0.69(7.0)(100)	0.7(7.14)(102)	1.05(10.7)(150)	1.05(10.7)(150)	1.05(10.7)(150)
Compressor capacity	L	50	40	15	15	30
Discharge Air Temperature	°C	Atmospheric Temperature+20				
Air outlet valve		3/4"×4, 2"×1	3/4"×2, 2"×1	3/4"×2	3/4"×3	3/4"×2, 2"×1
● ENGINE						
Make/Model	ISUZU CI-4JJ1X	KUBOTA V3800DI-TI-E2B-COHE1	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDXHKS	YANMAR 4TNV98T-ZNHK	
Type (4Cycle, Water-Cooled)	Direct-Injection, Turbo-Charged, Intercooled		Direct-Injection	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged	
Rated output	PS(kW)/rpm	114.8(84.4)/2200	102.2(75.2)/2600	36.5(26.9)/3000	49.6(36.5)/3000	83.2(61.2)/2500
Engine oil capacity	L	15	13	6.7	7.4	10.5
Fuel tank capacity	L	180	178	70	90	115
Battery		80D26R×2	130F51×1	85D26R×1	85D26R×1	95D31R×1
● DIMENSION & WEIGHT						
Overall length	mm(inch)	2680(105.5)	3665(144.3)	1700(66.7)	1970(77.6)	2050(80.7)
Overall width	mm(inch)	1300(51.2)	1975(77.8)	890(35.0)	950(37.4)	1200(47.2)
Overall Height	mm(inch)	1400(55.1)	1750(68.9)	1080(42.5)	1080(42.5)	1310(51.6)
Dry (Operating) weight	kg	1700(1910)	1740(1940)	650(730)	740(840)	1170(1300)
Tire Size		-	6.50-14 8PR×2W	-	-	-
● OTHER						
Sound power level in decibels	dB	98	100	94	94	98
Sound pressure level	dB(A)	70	71	65	65	69
Designated emissions regulation		JPN Stage 3	US Tier 2	JPN Stage 3	JPN Stage 3	JPN Stage 3

- C: with After Cooler D: with After Cooler and After Warmer
- Specifications are subject to change without notice.
- Sound pressure level is measured at 7m in 4 directions average.

■ SPECIFICATIONS

Model	PDSF330DPC-6B5 [2 stage Pressure switching] [Trailer]	PDSF920SC-4B3 [Trailer]	PDS655SD-4B2 [Trailer]	PDSF530SD-4B2 [Trailer]	
● COMPRESSOR					
Type	Rotary Twin Screw, Single-Stage, Oil-cooled				
Free air delivery	m ³ /min	9.3/10.6	26.0	18.5	15.0
Rated operating pressure	MPa(kgf/cm ²)(psi)	1.05(10.7)(150)/0.7(7.14)(102)	1.05(10.7)(150)	0.7(7.14)(102)	1.05(10.7)(150)
Compressor capacity	L	40	120	80	80
Discharge Air Temperature	°C	Atmospheric Temperature+20			
Air outlet valve		3/4"×2, 2"×1	3/4"×1, 2"×2	3/4"×2, 2"×1	3/4"×2, 2"×1
● ENGINE					
Make/Model	KUBOTA V3800DI-TI-E2B-COHE1	mitsubishi 6D24-TLE2A	HINO J08C-V	HINO J08C-V	
Type (4Cycle, Water-Cooled)	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection	Direct-Injection	
Rated output	PS(kW)/rpm	102.2(75.2)/2600	324(238)/2200	160(118)/2500	160(118)/2500
Engine oil capacity	L	13	49	23	23
Fuel tank capacity	L	178	400	270	270
Battery		130F51×2	175F51×2	115F51×2	115F51×2
● DIMENSION & WEIGHT					
Overall length	mm(inch)	3605(141.9)	4250(167.3)	3650(143.7)	3650(143.7)
Overall width	mm(inch)	1950(76.8)	1900(74.8)	1685(66.3)	1685(66.3)
Overall Height	mm(inch)	1755(69.1)	2150(84.6)	2070(81.5)	2070(81.5)
Dry (Operating) weight	kg	1780(1980)	4300(4800)	3120(3460)	3120(3460)
Tire Size		6.50-14 8PR×2W	6.50-14 8PR×4W	175R13-8PR×4W	175R13-8PR×4W
● OTHER					
Sound power level in decibels	dB	99	109	102	102
Sound pressure level	dB(A)	69	79	73	73
Designated emissions regulation		US Tier 2	JPN Stage 2	JPN Stage 2	JPN Stage 2

- C: with After Cooler D: with After Cooler and After Warmer
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