

TWIN SCREW COMPRESSOR

PDS series

AIRMAN®
ADITYA HENDRA W.
082323737386
PT FAJAR MAS MURNI



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 “AIRMANN” 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)

AIRMANN 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 AIRMANN 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 AIRMANN 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 AIRMANN 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

AIRMANN 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	PDS80S-5C5	PDS100S-5C5	PDS130S-5C3	PDS185S-5C5	PDS185S-7C5 [Oil Fence]	PDS265S-5B2
● COMPRESSOR							
Type	Rotary Twin Screw, Single-Stage, Oil-cooled						
Free air delivery	ml/min	1.6	2.3	2.8	3.7	5.2	7.5
Rated operating pressure	MPa (kgf/cm ²) (psi)	0.69 (7.0) (100)	0.7 (7.1) (102)	0.7 (7.1) (102)	0.69 (7.0) (100)	0.7 (7.14) (102)	0.69 (7.0) (100)
Compressor oil capacity	L	8	9.0	9.0	15	15	30
Air outlet valve		3/4"×1	3/4"×2	3/4"×2	3/4"×2	3/4"×3	3/4"×4, 2"×1 (OP)
● ENGINE							
Make/Model	IHI SHIBAURA E673L-D	KUBOTA D902-K3A	KUBOTA D1105-K3B	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BXDHKSR	YANMAR 4TNV88-BXDHKSR	YANMAR 4TNV98T-NHK
Type (4Cycle, Water-Cooled)	Swire-Chamber			Direct-Injection			Direct-Injection, Turbo-Charged
Rated output	PS (kW)/rpm	14.3 (10.5)/3200	23.1 (17.0)/3,600	26.1 (19.2)/3,400	36.5 (26.9)/3000	47.5 (34.9)/3000	83.2 (61.2)/2500
Engine oil capacity	L	3	3.7	4.5	6.7	7.4	10.5
Fuel tank capacity	L	18	25	28	70	90	115
Battery		55B24R×1	55B24R 12V	80D26R 12V	80D26R×1	80D26R×1	95D31R×1
● DIMENSION & WEIGHT							
Overall length	mm (inch)	1420 (55.9)	1,500 (59.1)	1,580 (62.2)	1700 (66.7)	1970 (77.6)	2050 (80.7)
Overall width	mm (inch)	720 (28.3)	770 (30.3)	770 (30.3)	890 (35.0)	950 (37.4)	1200 (47.2)
Overall Height	mm (inch)	820 (32.3)	865 (34.1)	900 (35.4)	1080 (42.5)	1080 (42.5)	1250 (49.2)
Dry (Operating) weight	kg	320 (350)	390 (425)	460 (500)	640 (720)	755 (850)	1150 (1290)
Tire Size		—	—	—	—	—	—
● OTHER							
Sound power level in decibels	dB	92	Below 94	Below 94	94	95	98
Sound pressure level	dB (A)	64	Below 66	Below 66	66	68	69
Designated emissions regulation		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 ml/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 oil 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
● ENGINE					
Make/Model	YANMAR 4TNV88-BDHKS	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	103.6 (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)	3665 (144.3)	3650 (143.7)	3650 (143.70)
Overall width mm (inch)	1650 (65.0)	1560 (61.4)	1975 (77.8)	1685 (66.3)	1685 (66.3)
Overall Height mm (inch)	1510 (59.4)	1650 (65.0)	1750 (68.9)	2070 (81.5)	2070 (81.5)
Dry (Operating) weight kg	860 (960)	1310 (1450)	1940 (76.4)	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



SPECIFICATIONS

Model		PDSE900S-4B1	PDSF75S-5C1 [Box]	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)	1.03 (10.7) (150)	1.03 (10.7) (150)	1.03 (10.7) (150)	1.03(10.7)(150)/0.7(7.14)(102)
Compressor oil 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)	3665 (144.3)
Overall width	mm (inch)	1900 (74.8)	750 (29.5)	890 (35.0)	950 (37.4)	1200 (47.2)	1975 (77.8)
Overall Height	mm (inch)	2150 (84.6)	865 (34.1)	1080 (42.5)	1080 (42.5)	1310 (51.6)	1750 (68.9)
Dry (Operating) weight	kg	4100 (4600)	440 (480)	640 (720)	740 (840)	1150 (1290)	1740 (1940)
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.

High Pressure Series



PDSF530S



PDSF750S



PDSF920S



PDSG750S



■ SPECIFICATIONS

Model	PDSF530S-4B2 [Trailer]	PDSF750S-4B3 [Trailer]	PDSF830-4B1 [Trailer]	PDSG460S-4B2 [Trailer]	PDSG750S-4B1 [Trailer]
● COMPRESSOR					
Type	Rotary Twin Screw, Single-Stage, Oil-cooled				
Free air delivery ml/min	15.0	21.2	23.5	12.5	21.2
Rated operating pressure MPa (kgf/cm ²) (psi)	1.05 (10.7) (150)	1.03 (10.7) (150)	1.03 (10.7) (150)	1.27 (13.0) (185)	1.27 (13.0) (185)
Compressor oil capacity L	80	68	105	80	105
Air outlet valve	3/4"×2, 2"×1	3/4"×2, 2"×2	3/4"×2, 2"×2	3/4"×2, 2"×1	3/4"×2, 2"×1
● ENGINE					
Make/Model	HINO J08C-V	ISUZU AA-6HK1X	MITSUBISHI 6D24-TE1	HINO J08C-V	MITSUBISHI 6D24-TE1
Type (4Cycle, Water-Cooled)	Direct-Injection	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged	Direct-Injection	Direct-Injection, Turbo-Charged
Rated output PS (kW)/rpm	160 (118)/2500	247 (182)/2000	280 (206)/2200	160 (118)/2200	280 (206)/2200
Engine oil capacity L	23	44	54	23	54
Fuel tank capacity L	270	300	400	270	400
Battery	115F51×2	155G51×2	155G51×2	115F51×2	155G51×2
● DIMENSION & WEIGHT					
Overall length mm (inch)	3650 (143.7)	4095 (161.2)	4000 (157.5)	3650 (143.7)	4000 (157.5)
Overall width mm (inch)	1685 (66.3)	2150 (84.6)	1900 (74.8)	1685 (66.3)	1900 (74.8)
Overall Height mm (inch)	2070 (81.5)	2130 (83.9)	2150 (84.6)	2070 (81.5)	2150 (84.6)
Dry (Operating) weight kg	2890 (3230)	3210 (3570)	4100 (4600)	2890 (3230)	4100 (4650)
Tire Size	175R13 8PR×4W	8.25-16 14PR×2W	6.50-14 8PR×4W	6.50-14 8PR×4W	6.50-14 8PR×4W
● OTHER					
Sound power level in decibels dB	102	103	110	102	110
Sound pressure level dB (A)	73	73	80	73	80
Designated emissions regulation	JPN Stage 2	China GB II		JPN Stage 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.

High Pressure Series



PDSH600S



PDSJ750S



PDSH850S/J750S



PDSK1200S



PDSK900S



■ SPECIFICATIONS

Model	PDSH600S-4B3 [Trailer]	PDSH850S-4B2 [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	ml/min	17.0	24.0	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)	1.5(15.3) (220)/2.07(21.1)(300)	2.41 (24.6) (350)	2.41 (24.6) (350)	2.45(25.0) (355)
Compressor oil capacity	L	63	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"×2, 2"×1
● ENGINE							
Make/Model	ISUZU AA-6HK1	MITSUBISHI 6D24-TC	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	247(182.1)/2000	310(228)/2200	310(228)/2200	445(327.3)/1800	445(327.3)/1800	548(403)/1800
Engine oil capacity	L	44	49	49	81	81	61
Fuel tank capacity	L	300	555	555	710	710	864
Battery		155G51×2	170F51×2	170F51×2	195G51×2	195G51×2	225H52×2
● DIMENSION & WEIGHT							
Overall length	mm (inch)	4755 (187.2)	4350 (171.3)	4350 (171.3)	4350 (171.3)	4350 (171.3)	5600 (220.5)
Overall width	mm (inch)	2150 (84.6)	1900 (74.8)	1900 (74.8)	2100 (82.7)	2100 (82.7)	2110 (83.1)
Overall Height	mm (inch)	2130 (83.9)	2350 (92.5)	2350 (92.5)	2315 (91.1)	2195 (86.4)	2500 (98.4)
Dry (Operating) weight	kg	3170(3530)	5050(5650)	5050(5650)	6470(7300)	6550(7300)	7800(8800)
Tire Size		8.25-16 16PR×2W	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	110	105	105	114
Sound pressure level	dB (A)	73	80	80	75	75	82
Designated emissions regulation		China GB II	—	—	JPN Stage 1	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.

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.



PDS75SC



PDS130SC



PDS265SC



SPECIFICATIONS

Model	PDS80SC-5C5 [Box]	PDS100SC-5C5 [Box]	PDS130SC-5C3 [Box]	PDS185SC-5C5 [Box]	PDS185SC-7C5 [Oil Fence] [Box]	PDS265SC-4B2 [Trailer]	PDS265SC-5B2 [Box]
COMPRESSOR							
Type	Rotary Twin Screw, Single-Stage, Oil-cooled						
Free air delivery m ³ /min	2.3	2.8	3.7	5.2	5.2	7.5	7.5
Rated operating pressure MPa(kgf/cm ²)(psi)	0.7 (7.1) (102)	0.7 (7.1) (102)	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 oil capacity L	9.0	9.0	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	KUBOTA D902-K3A	KUBOTA D1105-K3B	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BXDHKSR	YANMAR 4TNV88-BXDHKSR	YANMAR 4TNV98T-NHK	YANMAR 4TNV98T-NHK
Type (4Cycle, Water-Cooled)	Swire-Chamber	Swire-Chamber	Direct-Injection	Direct-Injection	Direct-Injection	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged
Rated output PS(kW)/rpm	23.1(17.0)/3,600	26.1(19.2)/3,400	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	3.7	4.5	6.7	7.4	7.4	10.5	10.5
Fuel tank capacity L	25	28	70	90	92	115	115
Battery	55B24R 12V	80D26R 12V	80D26R×1	80D26R×1	80D26R×1	95D31R×1	95D31R×1
DIMENSION & WEIGHT							
Overall length mm (inch)	1,500 (59.1)	1,580 (62.2)	1700 (66.7)	1970 (77.6)	1970 (77.6)	2400 (94.5)	2050 (80.7)
Overall width mm (inch)	770 (30.3)	770 (30.3)	890 (35.0)	950 (37.4)	950 (37.4)	1560 (61.4)	1200 (47.2)
Overall Height mm (inch)	865 (34.1)	900 (35.4)	1080 (42.5)	1080 (42.5)	1300 (51.2)	1650 (65.0)	1250 (49.2)
Dry (Operating) weight kg	400 (435)	470 (510)	650 (730)	765 (860)	835 (935)	1340 (1480)	1180 (1320)
Tire Size	—	—	—	—	—	145R12 8PR×2W	—
OTHER							
Sound power level in decibels dB	Below 94	Below 94	94	95	94	98	98
Sound pressure level dB (A)	Below 66	Below 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.

After-Cooler / High Pressure Series



PDS390SC



PDSF100SC



PDSF140SC



■ SPECIFICATIONS

Model	PDS400SC-6B5 [Trailer]	PDSF100SC-5C3 [Box]	PDSF140SC-5C3 [Box]	PDSF210SC-5C3 [Box]
● COMPRESSOR				
Type	Rotary Twin Screw, Single-Stage, Oil-cooled			
Free air delivery ml/min	11.3	2.8	4.0	6.0
Rated operating pressure MPa (kgf/cm ²) (psi)	0.7 (7.14) (102)	1.05 (10.7) (150)	1.05 (10.7) (150)	1.05 (10.7) (150)
Compressor oil capacity L	40	15	15	30
Discharge Air Temperature °C	Atmospheric Temperature+20			
Air outlet valve	3/4"×2, 2"×1	3/4"×2	3/4"×3	3/4"×2, 2"×1
● ENGINE				
Make/Model	KUBOTA V3800DI-TI-E2B-COHE1	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDXHKSR	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	102.2 (75.2)/2600	36.5 (26.9)/3000	49.6 (36.5)/3000	83.2 (61.2)/2500
Engine oil capacity L	13	6.7	7.4	10.5
Fuel tank capacity L	178	70	90	115
Battery	130F51×1	85D26R×1	85D26R×1	95D31R×1
● DIMENSION & WEIGHT				
Overall length mm (inch)	3665 (144.3)	1700 (66.7)	1970 (77.6)	2050 (80.7)
Overall width mm (inch)	1975 (77.8)	890 (35.0)	950 (37.4)	1200 (47.2)
Overall Height mm (inch)	1750 (68.9)	1080 (42.5)	1080 (42.5)	1310 (51.6)
Dry (Operating) weight kg	1780 (1980)	650 (730)	740 (840)	1170 (1300)
Tire Size	6.50-14 8PR×2W	—	—	—
● OTHER				
Sound power level in decibels dB	100	94	94	98
Sound pressure level dB (A)	71	65	65	69
Designated emissions regulation	US Tier 2	JPN Stage 3	JPN Stage 3	JPN Stage 2

- 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.

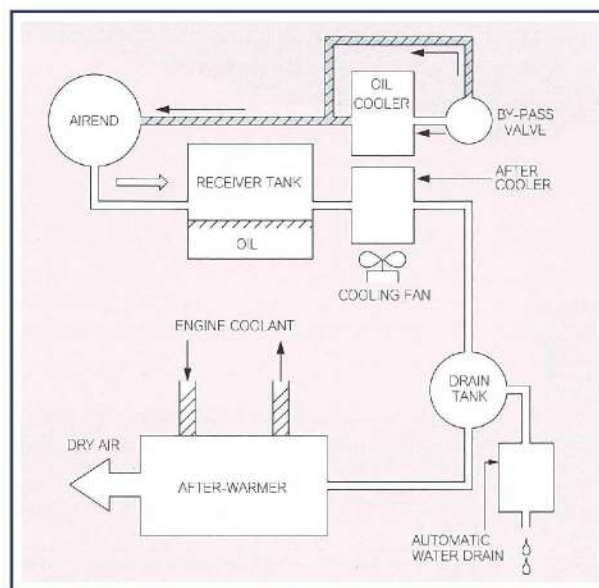
Dry-Air Series

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.



PDS655SD



SPECIFICATIONS

Model		PDSF330DPC-6B5 [2 stage Pressure switching] [Trailer]
● COMPRESSOR		
Type		Rotary Twin Screw, Single-Stage, Oil-cooled
Free air delivery	m ³ /min	9.3/10.6
Rated operating pressure	MPa (kgf/cm ²) / (psi)	1.05(10.7)(150)/0.7(7.14)(102)
Compressor oil capacity	L	40
Discharge Air Temperature	℃	Atmospheric Temperature+20
Air outlet valve		3/4"×2, 2"×1
● ENGINE		
Make/Model		KUBOTA V3800DI-TI-E2B-COHE1
Type (4Cycle, Water-Cooled)		Direct-Injection, Turbo-Charged
Rated output	PS (kW) / rpm	103.6 (75.2) / 2600
Engine oil capacity	L	13
Fuel tank capacity	L	178
Battery		130F51×2
● DIMENSION & WEIGHT		
Overall length	mm (inch)	3665 (141.9)
Overall width	mm (inch)	1975 (76.8)
Overall Height	mm (inch)	1750 (69.1)
Dry (Operating) weight	kg	1780 (1980)
Tire Size		6.50-14 8PR×2W
● OTHER		
Sound power level in decibels	dB	99
Sound pressure level	dB (A)	69
Designated emissions regulation		US Tier 2

- 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.

PDS655SD-4B2 [Trailer]	PDSF530SD-4B2 [Trailer]
Rotary Twin Screw, Single-Stage, Oil-cooled	
18.5	14.3
0.7(7.14) (102)	1.05 (10.7) (150)
80	80
Atmospheric Temperature+40	
3/4"×2, 2"×1	3/4"×2, 2"×1
HINO J08C-V	HINO J08C-V
Direct-Injection	Direct-Injection
160 (118)/2500	160 (118)/2500
23	23
270	270
115F51×2	115F51×2
3650 (143.7)	3650 (143.7)
1685 (66.3)	1685 (66.3)
2070 (81.5)	2070 (81.5)
3120 (3460)	3210 (3550)
175R13-8PR×4W	175R13-8PR×4W
102	102
73	73
JPN Stage 2	JPN Stage 2

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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