

**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 operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

AIRMAN®

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DISTRIBUTOR :



Stege 2 Stege 3 Engine Compuressor

AIRMAN®

PORTABLE SCREW COMPRESSOR

PDS series



AIRMAN delivers a new wind using their original technology.

AIRMAN is the top manufacturing brand of portable compressors in Japan.

We have manufactured and sold compressors since our founding more than 80 years ago and we are capable of every step of production from development to manufacturing to sales and support.

As a comprehensive manufacturer of industrial machinery, we are able to ensure original and innovative AIRMAN style products for our customers.



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 its original high sound proof technology in response to the market demand for decreasing noise levels.

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 some models are 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 discharged air, high-coolant temperature, low engine oil pressure and other functions are also monitored.

OPERATOR PROTECTION

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



Standard PDS Series

AIRMAN PDS series is the most popular compressor at construction sites. You can choose from a wide range of models from small to very large types to suits your needs. The series features a sound-proof structure that is certified as a low-noise device, including ease of operation, monitor screens, and an emergency stop function. Also, the high-performance compressor has been field-proven to be durable and fuel efficient.



SPECIFICATIONS

Model	PDS65L-5C5 [Leak guard/Box]	PDS80S-5C5 [Box] <PDS80L-5C5> [Leak guard/Box]	PDS100S-5C5 [Box] <PDS100L-5C5> [Leak guard/Box]	PDS130S-5C3 [Box]	PDS140L-5C5 [Leak guard/Box]	PDS185S-5C5 [Box] <PDS185S-7C5> [Oil Fence/Box]	PDS185S-6C2 [Trailer]
● COMPRESSOR							
Type	Rotary Twin Screw, Single-Stage, Oil-cooled						
Free air delivery m³/min	1.84	2.3	2.8	3.7	4.0	5.2	
Rated operating pressure MPa (kgf/cm²) (psi)	0.7 (7.14) (102)			0.69 (7.0) (100)	0.7 (7.14) (102)		0.69 (7.0) (100)
Compressor oil capacity L	7	8	9	15	14	15	
Air outlet valve	3/4"×1, 3/8"×1	3/4"×2			3/4"×2, 3/8"×1	3/4"×3	3/4"×2
● ENGINE							
Make/Model	KUBOTA D722-K3A	KUBOTA D902-K3A	KUBOTA D1105-K3B	YANMAR 3TNV88-BDHK	YANMAR 3TNV88-BDHK2	YANMAR 4TNV88-BXDHKS	YANMAR 4TNV88-BXDHKS1
Type (4Cycle, water-cooled)	Swirl-Chamber			Direct-Injection			
Rated output kW (PS) /min ⁻¹	14.1 (19.2) /3600	17.0 (23.1) /3600	19.2 (26.1) /3400	26.9 (36.6) /3000		34.9 (47.5) /3000	36.4 (49.5) /3000
Engine oil capacity L	3.8	3.7	4.5	6.7		7.4	
Fuel tank capacity L	18	25<33>	28<33>	70	69	90<92>	90
Battery	55B24R×1		85D26R×1				
● DIMENSION & WEIGHT							
Overall length mm (inch)	1250 (49.2)	1375 (54.1) <1395 (54.9) >	1460 (57.5) <1505 (59.3) >	1580 (62.2)		1850 (72.8)	2960 (116.5)
Overall width mm (inch)	700 (27.6)	770 (30.3)	770 (30.3) <800 (31.5) >	890 (35.0)		950 (37.4)	1650 (65.0)
Overall height mm (inch)	800 (31.5)	865 (34.1) <880 (34.6) >	900 (35.4) <905 (35.6) >	1080 (42.5)	1130 (44.5)	1080 (42.5) <1300 (51.2) >	1510 (59.4)
Dry (Operating) weight kg	310 (340)	400 (435) <420 (460) >	460 (500) <515 (555) >	640 (720)	690 (770)	755 (850) <825 (925) >	860 (960)
Tire size	—						175/80R13 97/95N×2W
● OTHER							
Sound power level in decibels dB	93		93<94>	94		95<94>	98
Sound pressure level dB (A)	67	66<67>	67	66		68	72
Designated emissions regulation	JPN Stage 3						US Tier 4

Standard PDS Series

Box type

Box-shaped and stackable, taking up very little storage space.

Trailer type

Compressors with trailer are easy to move on the construction site.



SPECIFICATIONS

Model	PDS265S-5B2 [Box]	PDS265S-4B2 [Trailer]	PDS400L-5B5 [Box]	PDS400S-6B6 [Trailer]	PDS655S-4B2 [Trailer]	PDS750S-4B1 [Trailer]
● COMPRESSOR						
Type	Rotary Twin Screw, Single-Stage, Oil-cooled					
Free air delivery m³/min	7.5	11.3		17.9	21.2	
Rated operating pressure MPa (kgf/cm²) (psi)	0.69 (7.0) (100)		0.7 (7.14) (102)			
Compressor oil capacity L	30		40		80	
Air outlet valve	3/4"×4, 2"×1 (OP)		3/4"×2, 2"×1		3/4"×2, 2"×1, 3/8"×1	
● ENGINE						
Make/Model	YANMAR 4TNV98T-NHK		KUBOTA V3800DI-TI-E2B		HINO J08C-V	HINO J08C-UT
Type (4Cycle, water-cooled)	Direct-Injection, Turbo-Charged		Direct-Injection, Turbo-Charged, Intercooled		Direct-Injection	Direct-Injection, Turbo-Charged
Rated output kW (PS) /min⁻¹	61.2 (83.2) /2500		75.2 (102.2) /2600		118 (160) /2500	144.5 (197) /2100
Engine oil capacity L	10.5		13.0		23	
Fuel tank capacity L	115		177		270	310
Battery	95D31R×1		130F51×1	120Ah×1	130F51×2	
● DIMENSION & WEIGHT						
Overall length mm (inch)	2050 (80.7)	2970 (116.9)	2600 (102.4)	3680 (144.9)	3650 (143.7)	
Overall width mm (inch)	1200 (47.2)	1640 (64.6)	1300 (51.2)	1975 (77.8)	1685 (66.3)	
Overall height mm (inch)	1250 (49.2)	1715 (67.5)	1300 (51.2)	1820 (71.6)	2095 (82.5)	
Dry (Operating) weight kg	1150 (1290)	1360 (1500)	1570 (1770)	1735 (1935)	2920 (3260)	3020 (3370)
Tire size	—	6.50-14 8PR×2W	—	6.50-R16 10PR×2W	175/80R13 97/95N×4W	
● OTHER						
Sound power level in decibels dB	98		100	99	102	104
Sound pressure level dB (A)	69		72	71	73	74
Designated emissions regulation	JPN Stage 2			US Tier 2	JPN Stage 2	

- Sound pressure level is measured at 7m in 4 directions average.
- Specifications are subject to change without notice.
- Please refer to the AIRMAN's website for more models of compressors.

High Pressure PDSF Series

This series is particularly effective for urban development projects including foundation work using down-the-hole or large-diameter boring techniques and spraying work to ensure the safety of slopes around a mountain road.

Just a single one of our variable pressure compressors can handle multiple roles in a project, adjusting easily to the various pressure and air volume needs of your projects



PDSF140S



PDSF330LDP



PDSF530S



SPECIFICATIONS

Model	PDSF80S-5C5 [Box]	PDSF100S-5C3 [Box]	PDSF140S-5C3 [Box]	PDSF210S-5C3 [Box]	PDSF330LDP-5B5 [Dual Pressure/Box] <PDSF330DP-6B5> [Dual Pressure/Trailer]	PDSF530S-4B2 [Trailer]
● COMPRESSOR						
Type	Rotary Twin Screw, Single-Stage, Oil-cooled					
Free air delivery m³/min	2.15	2.8	4.0	6.0	10.6/9.3	14.3
Rated operating pressure MPa (kgf/cm²) (psi)	0.96 (9.8) (140)	1.03 (10.5) (150)			0.7 (7.14) (102) / 1.03 (10.5) (150)	1.05 (10.7) (152)
Compressor oil capacity L	9	15		30	40	80
Air outlet valve	3/4"×2		3/4"×3	3/4"×4, 2"×1 (OP)	3/4"×2, 2"×1	3/4"×2, 2"×1, 3/8"×1
● ENGINE						
Make/Model	KUBOTA D110S-K3B	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDHKS	YANMAR KDP-4TNV98T	KUBOTA V3800DI-TI-E2B	HINO J08C-V
Type (4Cycle, water-cooled)	Swirl Chamber	Direct-Injection		Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection
Rated output kW (PS) /min ⁻¹	19.2 (26.1) /3400	26.9 (36.6) /3000	34.9 (47.5) /3000	61.2 (83.2) /2500	75.2 (102.2) /2600	118 (160) /2500
Engine oil capacity L	4.5	6.7	7.4	11	13	23
Fuel tank capacity L	28	70	90	115	177<178>	270
Battery	85D26R×1			95D31R×1	130F51×1	130F51×2
● DIMENSION & WEIGHT						
Overall length mm (inch)	1460 (57.5)	1580 (62.2)	1850 (72.8)	2050 (80.7)	2600 (102.4) <3665 (144.3) >	3650 (143.7)
Overall width mm (inch)	770 (30.3)	890 (35.0)	950 (37.4)	1200 (47.2)	1300 (51.2) <1975 (77.8) >	1685 (66.3)
Overall height mm (inch)	900 (35.4)	1080 (42.5)	1080 (42.5)	1250 (49.2)	1300 (51.2) <1773 (69.8) >	2095 (82.5)
Dry (Operating) weight kg	460 (500)	640 (720)	740 (840)	1150 (1290)	1570 (1770) <1780 (1980) >	2960 (3300)
Tire size	—				— <6.50-14 8PR×2W>	175/80R13 97/95N×4W
● OTHER						
Sound power level in decibels dB	92	94		98	99	102
Sound pressure level dB (A)	65			70		73
Designated emissions regulation	JPN Stage 3				JPN Stage 2	

High Pressure PDSF/G/H Series



PDSF750S



PDSF1000DP



PDSF950S



PDSG900DP



SPECIFICATIONS

Model	PDSF750S-6C6 <PDSH600S-6C6> [Trailer]	PDSF950S-4B4 [Trailer]	PDSF1000DP-4C5 [Trailer]	PDSG460S-4B2 [Trailer]	PDSG900DP-4C5 [Dual Pressure/Trailer]	PDSG1400LDP-5C5 [Dual Pressure/ Leak-Guard/Box]
● COMPRESSOR						
Type	Rotary Twin Screw, Single-Stage, Oil-cooled					
Free air delivery m³/min	21.2<17.0>	26.9	27.5	12.5	24.4	39.7
Rated operating pressure MPa (kgf/cm²) (psi)	1.03 (10.5) (150) <1.7 (17.3) (247) >	1.03 (10.5) (150)	0.7 (7.14) (102) / 1.03 (10.5) (150)	1.27 (13.0) (185)	1.03 (10.5) (150) /1.4 (14.3) (203)	
Compressor oil capacity L	62<63>	100	110	80	95	200
Air outlet valve	3/4"×1, 2"×2<3/4"×2, 2"×1>	3/4"×1, 2"×2	3/4"×1, 2"×3	3/4"×2, 2"×1, 3/8"×1	3/4"×1, 2 1/2"×1	3/4"×1, 3"×1
● ENGINE						
Make/Model	DONGFENG CUMMINS QSB6.7-C260-III	DONGFENG CUMMINS 6LTAA8.9-C360	KOMATSU SAA6D 125E-5	HINO J08C-V	KOMATSU SAA6D 125E-5-A	KOMATSU SAA6D 140E-5-B
Type (4Cycle, water-cooled)	Direct-Injection, Turbo-Charged, Intercooled			Direct-Injection	Direct-Injection, Turbo-Charged, Intercooled	
Rated output kW (PS) /min ⁻¹	181 (246) /2200	264 (359) /2200	247 (335.8) /1900	118 (160) /2500	247 (335.8) /1900	398 (541.1) /2000
Engine oil capacity L	15	21	41	23	41	61
Fuel tank capacity L	300	540	600	270	600	780
Battery	120Ah×2	165Ah×2	170F51×2	130F51×2	170F51×2	225H52×2
● DIMENSION & WEIGHT						
Overall length mm (inch)	4220 (166.1)	4490 (176.8)	4370 (172)	3650 (143.7)	4370 (172.0)	4750 (187)
Overall width mm (inch)	2150 (84.6)	2000 (78.7)		1685 (66.3)	2000 (78.7)	1950 (76.8)
Overall height mm (inch)	2130 (83.9)	2430 (95.7)	2290 (90.2)	2135 (84.1)	2290 (90.2)	2050 (80.7)
Dry (Operating) weight kg	3040 (3380)	4420 (5090)	4990 (5680)	2970 (3310)	4950 (5620)	6610 (7530)
Tire size	8.25-16 16PR×2W	7.50-16 14PR×4W		6.50-14 8PR×4W	7.50-16 14PR×4W	—
● OTHER						
Sound power level in decibels dB	105<104>	109	105	102	103	104
Sound pressure level dB (A)	77<76>	80	75	73		74
Designated emissions regulation	GBIII, EU Stage 3A	GBII	JPN Stage 3	JPN Stage 2	JPN Stage 3	

- Sound pressure level is measured at 7m in 4 directions average.
- Specifications are subject to change without notice.
- Please refer to the AIRMAN's website for more models of compressors.

High Pressure PDSJ/K Series



PDSJ850DP



PDSK930DP



PDSJ1550DP



PDSJ1100/K930LDP



PDSK1250LDP



SPECIFICATIONS

Model	PDSJ850DP-4C5 [Dual Pressure/Trailer]	PDSJ1100DP-4C5 <PDSK930DP-4C5> [Dual Pressure/Trailer]	PDSJ1100/K930LDP-5C5 [Dual Pressure/ Leak-Guard/Box]	PDSJ1550DP-4C6 [Dual Pressure/Trailer]	PDSK1250LDP-5C5 [Dual Pressure/ Leak-Guard/Box]	
● COMPRESSOR						
Type	Rotary Twin Screw, Two-Stage, Oil-cooled					
Free air delivery	m³/min	24.1	29.7<25.5>	29.7/25.5	43.9/42.5	37.0 / 35.4
Rated operating pressure	MPa(kgf/cm²) (psi)	1.7(17.3) (247) / 2.0(20.4) (290)	1.7(17.3) (247)/2.0(20.4) (290) <2.0(20.4) (290)/2.5(25.5) (363)>	2.0(20.4) (290) / 2.5(25.5) (363)	1.7(17.3) (247) / 2.0(20.4) (290)	2.0(20.4) (290) / 2.5(25.5) (363)
Compressor oil capacity	L	98			150	165
Air outlet valve	3/4"×1, 2"×1				3/4"×1, 3"×1	
● ENGINE						
Make/Model	KOMATSU SAA6D 125E-5-A	KOMATSU SAA6D 125E-5-C		KOMATSU SAA6D 140E-5-B		
Type (4Cycle, water-cooled)	Direct-Injection, Turbo-Charged, Intercooled					
Rated output	kW(PS)/min ⁻¹	247 (335.8) /1900	282.9 (384.6) /2100		398 (541.1) /2000	
Engine oil capacity	L	41			61	
Fuel tank capacity	L	600	700	710	902	880
Battery	170F51×2			225H52×2		
● DIMENSION & WEIGHT						
Overall length	mm (inch)	4370 (172.0)		4300 (169.3)	4900 (192.9)	4850 (190.9)
Overall width	mm (inch)	2000 (78.7)		1850 (72.8)	2100 (82.7)	2150 (84.6)
Overall height	mm (inch)	2290 (90.2)		1900 (74.8)	2500 (98.4)	2100 (82.7)
Dry (Operating) weight	kg	5270 (5940)	5520 (6270)	5080 (5850)	7510 (8500)	7250 (8250)
Tire size	7.50-16 14PR×4W		—		7.00-15 12PR (I) ×4W	—
● OTHER						
Sound power level in decibels	dB	103	103<102>	102	104	
Sound pressure level	dB (A)	73	78<73>	73	75	74
Designated emissions regulation	JPN Stage 3					

After-Cooler PDS-C Series

Compressor supplying air energy without water vapor

As the integrated After-Cooler cools, condenses and eliminates moisture from compressed air, the discharged air from PDS-C contains only a small amount of water. This functionality proves its true value in chipping and sandblasting operations.



PDS65LC



PDS130SC



PDS265SC



SPECIFICATIONS

Model	PDS65LC-5C5 [Leak guard/Box]	PDS80SC-5C5 <PDS80LC-5C5> [Leak guard/Box]	PDS100SC-5C5 <PDS100LC-5C5> [Leak guard/Box]	PDS130SC-5C3 [Box]	PDS140LC-5C5 [Leak guard/Box]	PDS185SC-5C5 [Box] <PDS185SC-7C5> [Oil Fence/Trailer]	PDS265SC-5B2 [Box] <PDS265SC-4B2> [Trailer]
● COMPRESSOR							
Type	Rotary Twin Screw, Single-Stage, Oil-cooled						
Free air delivery m³/min	1.84	2.3	2.8	3.7	4.0	5.2	7.5
Rated operating pressure MPa (kgf/cm²) (psi)	0.7 (7.14) (102)			0.69 (7.0) (100)	0.7 (7.14) (102)		0.69 (7.0) (100)
Compressor oil capacity L	7	8	9	15	14	15	30
Discharge air temperature °C	Atmospheric Temperature + 20 [Reference value]						
Air outlet valve	3/4"×1, 3/8"×1	3/4"×2			3/4"×2 , 3/8"×1	3/4"×3	3/4"×4, 2"×1 (OP)
● ENGINE							
Make/Model	KUBOTA D722-K3A	KUBOTA D902-K3A	KUBOTA D1105-K3B	YANMAR 3TNV88-BDHK	YANMAR 3TNV88-BDHK2	YANMAR 4TNV88-BDXHKS	YANMAR 4TNV98T-NHK
Type (4Cycle, water-cooled)	Swirl-Chamber			Direct-Injection			Direct-Injection, Turbo-Charged
Rated output kW (PS)/min ⁻¹	14.1 (19.2)/3600	17.0 (23.1)/3600	19.2 (26.1)/3400	26.9 (36.5)/3000		34.9 (47.5)/3000	61.2 (83.2)/2500
Engine oil capacity L	3.8	3.7	4.5	6.7		7.4	10.5
Fuel tank capacity L	18	25<33>	28<33>	70	69	90<92>	115
Battery	55B24R×1		85D26R×1				95D31R×1
● DIMENSION & WEIGHT							
Overall length mm (inch)	1250 (49.2)	1375 (54.1) <1395 (54.9) >	1460 (57.5) <1505 (59.3) >	1580 (62.2)		1850 (72.8)	2050 (80.7) <2400 (94.5) >
Overall width mm (inch)	700 (27.6)	770 (30.3)	770 (30.3) <800 (31.5) >	890 (35.0)		950 (37.4)	1200 (47.2) <1540 (60.6) >
Overall height mm (inch)	800 (31.5)	865 (34.1) <880 (34.6) >	900 (35.4) <905 (35.6) >	1080 (42.5)	1130 (44.5)	1080 (42.5) <1300 (51.2) >	1250 (49.2) <1650 (65) >
Dry (Operating) weight kg	315 (345)	405 (440) <430 (470) >	470 (510) <525 (565) >	650 (730)	700 (780)	765 (860) <835 (935) >	1180 (1320) <1380 (1520) >
Tire size	—						- <145/80R12 86/84N×2W>
● OTHER							
Sound power level in decibels dB	93		93<94>	94		95<94>	98
Sound pressure level dB (A)	67	66<67>	67	66		68	69
Designated emissions regulation	JPN Stage 3						JPN Stage 2

- Sound pressure level is measured at 7m in 4 directions average.
- Specifications are subject to change without notice.
- Please refer to the AIRMAN's website for more models of compressors.

After-Cooler PDS-C Series



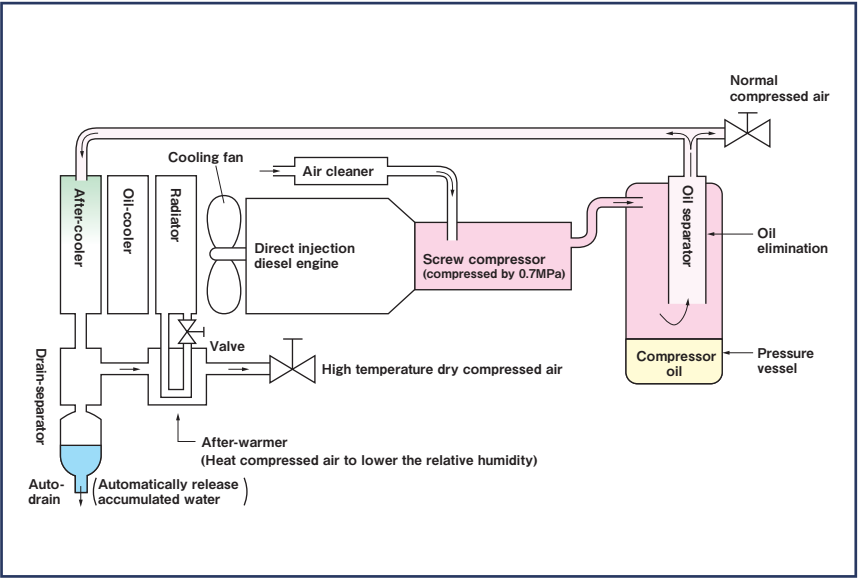
■SPECIFICATIONS

Model	PDS400LC-5B5 [Leak guard/Box] <PDS400SC-6B5> [Trailer]	PDSF100SC-5C3 [Box]	PDSF140SC-5C3 [Box]	PDSF210SC-5C3 [Box]	PDSF330LDPC-5B5 [Dual Pressure/Leak-Guard/Box] <PDSF330DPC-6B5> [Dual Pressure-/Trailer]	PDSF750SC-6C6 [Trailer]
● COMPRESSOR						
Type	Rotary Twin Screw, Single-Stage, Oil-cooled					
Free air delivery m³/min	11.3	2.8	4.0	6.0	10.6/9.3	21.2
Rated operating pressure MPa(kgf/cm²) (psi)	0.7(7.14) (102)	1.03 (10.5) (150)			0.7(7.14) (102) / 1.03(10.5) (150)	1.03(10.5) (150)
Compressor oil capacity L	40	15		30	40	62
Discharge air temperature ℃	Atmospheric Temperature + 20 [Reference value]					
Air outlet valve	3/4"×2, 2"×1	3/4"×2	3/4"×3	3/4"×4, 2"×1(OP)	3/4"×2, 2"×1	3/4"×1, 2"×2
● ENGINE						
Make/Model	KUBOTA V3800DI-TI-E2B	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDHKS	YANMAR KDP-4TNV98T	KUBOTA V3800DI-TI-E2B	DONGFENG CUMMINS QSB6.7-C260-III
Type(4Cycle, water-cooled)	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection		Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled	
Rated output kW(PS)/min⁻¹	75.2(102.2) /2600	26.9(36.6) /3000	34.9(47.5) /3000	61.2(83.2) /2500	75.2(102.2) /2600	181(246) /2200
Engine oil capacity L	13	6.7	7.4	11	13	15
Fuel tank capacity L	177<178>	70	90	115	177<178>	300
Battery	130F51×1	85D26R×1		95D31R×1	130F51×1	120Ah×2
● DIMENSION & WEIGHT						
Overall length mm (inch)	2600(102.4)<3665(144.3)>	1580(62.2)	1850(72.8)	2050(80.7)	2600(102.4)<3665(144.3)>	4220(166.1)
Overall width mm (inch)	1300(51.2)<1975(77.8)>	890(35.0)	950(37.4)	1200(47.2)	1300(51.2)<1975(77.8)>	2150(84.6)
Overall height mm (inch)	1300(51.2)<1773(69.8)>	1080(42.5)	1080(42.5)	1250(49.2)	1300(51.2)<1773(69.8)>	2130(83.9)
Dry (Operating) weight kg	1610(1810)<1820(2020)>	650(730)	750(850)	1160(1300)	1610(1810)<1820(2020)>	3100(3440)
Tire size	– <6.50-14 8PR×2W>	–			– <6.50-14 8PR×2W>	8.25-16 16PR×2W
● OTHER						
Sound power level in decibels dB	100	94		98	99	105
Sound pressure level dB(A)	72 <71>	65		70	70	77
Designated emissions regulation	JPN Stage 2	JPN Stage 3			JPN Stage 2	GBIII, EU stage 3A

Dry-Air PDS-D Series

AIRMAN PDS-D is a series of compressors that supplies dry air with low humidity.

It supplies dry service air at atmospheric temperature +40℃. As the machine frees compressed air from water in humid conditions like a rainy day or even a rainy season, this series is particularly suitable for duct recover, painting, sandblasting, and factory air.



■SPECIFICATIONS

Model		PDSF950SC-4B4 [Trailer]	PDSG900DPC-4C5 [Dual Pressure/Trailer]	PDSJ850DPC-4C5 [Dual Pressure/Trailer]	PDS400LD-5B5 [Leak guard/Box]	PDSF330LDPD-5B5 [Leak guard/ Dual Pressure/Box]	PDS655SD-4B2 <PDSF530SD-4B2> [Trailer]
● COMPRESSOR							
Type		Rotary Twin Screw, Single-Stage, Oil-cooled		Rotary Twin Screw, Two-Stage, Oil-cooled	Rotary Twin Screw, Single-Stage, Oil-cooled		
Free air delivery	m³/min	26.9	24.4	24.1	11.3	10.6/9.3	17.9<15.0>
Rated operating pressure	MPa(kgf/cm²) (psi)	1.03 (10.5) (150)	1.03 (10.5) (150) / 1.4 (14.3) (203)	1.7(17.3) (250) / 2.0(20.4) (290)	0.7 (7.14) (102)	0.7 (7.14) (102) / 1.03 (10.5) (150)	0.7 (7.14) (102) <1.05 (10.7) (150)>
Compressor oil capacity	L	100	95	98	40	80	
Discharge air temperature	℃	Atmospheric Temperature + 20 [Reference value]			Atmospheric Temperature + 40 [Reference value]		
Air outlet valve		3/4"×1, 2"×2	3/4"×1, 2 1/2"×1	3/4"×1, 2"×1	3/4"×2, 2"×1		3/4"×2, 2"×1, 3/8"×1
● ENGINE							
Make/Model		DONGFENG CUMMINS 6LTAA8.9-C360	KOMATSU SAA6D125E-5-A		KUBOTA V3800DI-TI-E2B		HINO J08C-V
Type (4Cycle, water-cooled)		Direct-Injection, Turbo-Charged, Intercooled			Direct-Injection, Turbo-Charged, Intercooled		Direct-Injection
Rated output	kW(PS)/min ⁻¹	264 (359) /2200	247 (335.8) /1900		75.2 (102.2) /2600		118 (160) /2500
Engine oil capacity	L	21	41		13		23
Fuel tank capacity	L	540	600		177		270
Battery		165Ah×2	170F51×2		130F51×1		130F51×2
● DIMENSION & WEIGHT							
Overall length	mm (inch)	4490 (176.8)	4370 (172.0)		2600 (102.4)		3650 (143.7)
Overall width	mm (inch)	2000 (78.7)			1300 (51.2)		1685 (66.3)
Overall height	mm (inch)	2430 (95.7)	2290 (90.2)		1300 (51.2)		2095 (82.5)
Dry (Operating) weight	kg	4520 (5190)	5050 (5720)	5350 (6030)	1640 (1840)		3190 (3530)
Tire size		7.50-16 14PR×4W			—		175/80R13 97/95N×4W
● OTHER							
Sound power level in decibels	dB	109	103		100	99	102
Sound pressure level	dB (A)	80	73		72	70	73
Designated emissions regulation		GBⅡ	JPN Stage 3		JPN Stage 2		

●Sound pressure level is measured at 7m in 4 directions average.
●Specifications are subject to change without notice.
●Please refer to the AIRMAN's website for more models of compressors.