

**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 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. (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

Compressors supplying air energy to construction sites.

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



PDS65L



PDS130S



PDS265S



■ SPECIFICATIONS

Model	PDS65L-5C5	PDS80S-5C5 <PDS80L-5C5>	PDS100S-5C5 <PDS100L-5C5>	PDS130S-5C3	PDS140L-5C5	PDS185S-5C5 <PDS185S-7C5> [Oil Fence]	PDS265S-5B2	
● COMPRESSOR								
Type	Rotary Twin Screw, Single-Stage, Oil-cooled							
Free air delivery	m ³ /min	1.84	2.3	2.8	3.7	4.0	5.2	7.5
Rated operating pressure	MPa (kgf/cm ²) (psi)	0.7 (7.14) (102)		0.69 (7.0) (100)	0.7 (7.14) (102)		0.69 (7.0) (100)	
Compressor capacity	L	7	8	9	15	14	15	30
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 EDM-3TNV88	YANMAR 4TNV88-BXDHKS	YANMAR 4TNV98T-NHK	
Type (4Cycle, Water-Cooled)	Swirl-Chamber			Direct-Injection		Direct-Injection, Turbo-Charged		
Rated output	PS (kW) /rpm	19.2 (14.1) /3600	23.1 (17.0) /3600	26.1 (19.2) /3400	36.5 (26.9) /3000	47.5 (34.9) /3000	83.2 (61.2) /2500	
Engine oil capacity	L	3.8	3.7	4.5	6.7	6.7	7.4	10.5
Fuel tank capacity	L	18	25<33>	28<33>	70	69	90<92>	115
Battery	55B24R×1			80D26R×1		95D31R×1		
● DIMENSION & WEIGHT								
Overall length	mm (inch)	1370 (53.9)	1500 (59.1) <1520 (59.8)>	1580 (62.2) <1625 (64.0)>	1700 (66.9)	1700 (66.9)	1970 (77.6) <1300 (51.2)>	2050 (80.7)
Overall width	mm (inch)	700 (27.6)	770 (30.3) <770 (30.3)>	770 (30.3) <800 (31.5)>	890 (35.0)	890 (35.0)	950 (37.4) <825 (32.5)>	1200 (47.2)
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) <925 (36.4)>	1250 (49.2)
Dry (Operating) weight	kg	310 (340)	400 (435) <420 (460)>	460 (500) <515 (555)>	640 (720)	690 (770)	755 (850) <825 (925)>	1150 (1290)
Tire Size		-	-	-	-	-	-	-
● OTHER								
Sound power level in decibels	dB	93	93<93>	93<95>	94	94	95<94>	98
Sound pressure level	dB (A)	67	66<67>	67<67>	66	68	68	69
Designated emissions regulation		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

Compressors supplying air energy to construction sites.

Available in a wide range of models to meet your needs.

Featuring a sound-proof structure with low noise, easy operation, and a complete monitoring system, these models are high-performance with proven reliability and 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)			0.7 (7.14) (102)	
Compressor capacity	L	15	30	40	80	
Air outlet valve		3/4"×2	3/4"×4, 2"×1 (OP)	3/4"×2, 2"×1	3/4"×2, 2"×1, 3/8"×1	
● ENGINE						
Make/Model	YANMAR 4TNV88-BXDHKS	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	310
Battery	80D26R×1	95D31R×1	130F51×1	115F51×2		
● DIMENSION & WEIGHT						
Overall length	mm (inch)	2960 (116.5)	2980 (117.3)	3665 (144.3)	3650 (143.7)	3650 (143.7)
Overall width	mm (inch)	1650 (65.0)	1630 (64.2)	1975 (77.8)	1685 (66.3)	1685 (66.3)
Overall Height	mm (inch)	1510 (59.4)	1715 (67.5)	1773 (69.8)	2135 (84.1)	2135 (84.1)
Dry (Operating) weight	kg	860 (960)	1360 (1500)	1780 (1980)	2930 (3270)	3030 (3380)
Tire Size		175R13-8PR×2W	6.50-14 8PR×2W	6.50-14 8PR×2W	6.50-14 8PR×4W	185R14 8PR×4W
● OTHER						
Sound power level in decibels	dB	99	98	100	102	104
Sound pressure level	dB (A)	72	69	71	73	74
Designated emissions regulation		US Tier 3	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 exploration. The AIRMAN original screw design enables supply of high pressure air. Suitable for foundation work such as jacking, down-the-hole, and large boring.



PDSF140S



PDSF530S



PDSH600S



PDSF750S



PDSG900DP



PDSG750S



■ SPECIFICATIONS

Model	PDSE900S-4B1 [Trailer]	PDSF100S-5C3 [Box]	PDSF140S-5C3 [Box]	PDSF210S-5C3 [Box]	PDSF330DP-6B5 [Dual Pressure] [Trailer]	PDSF530S-4B2 [Trailer]	
● COMPRESSOR							
Type	Rotary Twin Screw, Single-Stage, Oil-cooled						
Free air delivery	m ³ /min	25.0	2.8	4.0	6.0	9.3/10.6	14.3
Rated operating pressure	MPa(kgf/cm ²)(psi)	0.86(8.8)(125)	1.03(10.5)(149)		1.03(10.5)(149)/0.7(7.14)(102)	1.05(10.7)(150)	
Compressor capacity	L	105	15		30	40	80
Air outlet valve		3/4"×1, 2"×2	3/4"×2	3/4"×3	3/4"×4, 2"×1	3/4"×2, 2"×1	3/4"×2, 2"×1, 3/8"×1
● ENGINE							
Make/Model	MITSUBISHI 6D24-TE1	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDHS	YANMAR KDP-4TNV98T	KUBOTA V3800DI-TI-E2B-COHE1	HINO J08C-V	
Type (4Cycle, Water-Cooled)	Direct-Injection, Turbo-Charged	Direct-Injection	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection	
Rated output	PS(kW)/rpm	280(206)/2200	36.6(26.9)/3000	47.5(34.9)/3000	83.2(61.2)/2500	102.2(75.2)/2600	160(118)/2500
Engine oil capacity	L	49	6.7	7.4	11	13	23
Fuel tank capacity	L	400	70	90	115	178	270
Battery		155G51×2	85D26R×1		95D31R×1	130F51×1	115F51×2
● DIMENSION & WEIGHT							
Overall length	mm (inch)	4000(157.5)	1700(66.7)	1970(77.6)	2050(80.7)	3665(144.3)	3650(143.7)
Overall width	mm (inch)	1900(74.8)	890(35.0)	950(37.4)	1200(47.2)	1975(77.8)	1685(66.3)
Overall Height	mm (inch)	2150(84.6)	1080(42.5)	1080(42.5)	1250(49.2)	1773(69.8)	2095(82.4)
Dry (Operating) weight	kg	4100(4600)	640(720)	740(840)	1150(1290)	1780(1980)	2960(3300)
Tire Size		6.50-14 8PR×4W	—	—	—	6.50-14 8PR×2W	175R13 8PR×4W
● OTHER							
Sound power level in decibels	dB	110	94	95	98	99	102
Sound pressure level	dB (A)	80	65	65	69	69	73
Designated emissions regulation		—	JPN Stage 3			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.

■ SPECIFICATIONS

Model	PDSF750S-4B4 [Trailer]	PDSF830-4B1 [Trailer]	PDSF1000DP-4C5 [Dual Pressure] [Trailer]	PDSG460S-4B2 [Trailer]	PDSG750S-4B1 [Trailer]	PDSG900DP-4C5 [Dual Pressure] [Trailer]	PDSH600S-4B4 [Trailer]	
● COMPRESSOR								
Type	Rotary Twin Screw, Single-Stage, Oil-cooled							
Free air delivery	m ³ /min	21.2	23.5	27.5	12.5	21.2	24.4	17.0
Rated operating pressure	MPa(kgf/cm ²)(psi)	1.03(10.5)(149)		1.03(10.5)(149)/0.7(7.14)(102)	1.27(13.0)(185)	1.27(13.0)(185)	1.03(10.5)(149)/1.4(14.3)(203)	1.7(17.3)(250)
Compressor capacity	L	75	105	110	80	105	95	65
Air outlet valve		3/4"×1, 2"×2		3/4"×1, 2"×3	3/4"×2, 2"×1, 3/8"×1	3/4"×1, 2"×2	3/4"×1, 2 1/2"×1	3/4"×2, 2"×1
● ENGINE								
Make/Model	ISUZU AA-6HK1	MITSUBISHI 6D24-TE1	KOMATSU SAA6D125E-5-A	HINO J08C-V	MITSUBISHI 6D24-TE1	KOMATSU SAA6D125E-5-A	ISUZU AA-6HK1	
Type (4Cycle, Water-Cooled)	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled	
Rated output	PS(kW)/rpm	248(182.1)/2000	280(206)/2200	357(262.5)/1900	160(118)/2500	280(206)/2200	357(262.5)/1900	248(182.1)/2000
Engine oil capacity	L	44	49	41	23	49	41	44
Fuel tank capacity	L	300	400	600	270	400	600	300
Battery		155G51×2		170F51×2	115F51×2	155G51×2	170F51×2	155G51×2
● DIMENSION & WEIGHT								
Overall length	mm (inch)	4810(189.4)	4000(157.5)	4370(172.0)	3650(143.7)	4000(157.5)	4370(172.0)	4810(189.4)
Overall width	mm (inch)	2150(84.6)	1900(74.8)	2000(78.7)	1685(66.3)	1900(74.8)	2000(78.7)	2150(84.6)
Overall Height	mm (inch)	2130(83.9)	2150(84.6)	2290(90.2)	2135(84.1)	2150(84.6)	2290(90.2)	2130(83.9)
Dry (Operating) weight	kg	3210(3580)	4100(4600)	4990(5680)	2970(3310)	4100(4600)	4950(5620)	3210(3580)
Tire Size		8.25-16 16PR×2W	6.50-14 8PR×4W	7.50-16 14PR×4W	6.50-14 8PR×4W	6.50-14 8PR×4W	7.50-16 14PR×4W	8.25-16 16PR×2W
● OTHER								
Sound power level in decibels	dB	103	110	105	102	110	103	102
Sound pressure level	dB (A)	73	80	75.8	73	80	73.2	73
Designated emissions regulation		JPN Stage 2	—	JPN Stage 3	JPN Stage 2	—	JPN Stage 3	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.



PDSJ750S



PDSH850S/J750S



PDSK900S



PDSJ1550DP



PDSK1200S



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.



PDS65LC



PDS130SC



PDS265SC



■ SPECIFICATIONS

Model	PDSH850S-4B2 [Dual Pressure] [Trailer]	PDSJ750S-4B2 [Dual Pressure] [Trailer]	PDSJ1550DP-4C6 [Dual Pressure] [Trailer]	PDSK900S-402 [Trailer]	PDSK900S-422 [Skid]	PDSK1200S-4C1 [Trailer]
● COMPRESSOR						
Type	Rotary Twin Screw, Two-Stage, Oil-cooled					
Free air delivery	m ³ /min	24.0	21.2	42.5	25.5	34.0
Rated operating pressure	MPa (kgf/cm ²) (psi)	1.5 (15.3) (220) / 1.72 (17.6) (250)	1.5 (15.3) (220) / 2.07 (21.1) (300)	1.7 (17.3) (250) / 2.0 (20.4) (350)	2.41 (24.6) (350)	2.45 (25.0) (355)
Compressor capacity	L	84		150	120	190
Air outlet valve		3/4"×1, 2"×1		3/4"×1, 2"×1	3/4"×1, 2"×1	3/4"×1, 3"×1
● ENGINE						
Make/Model	MITSUBISHI 6D24-TC		KOMATSU SAA6D 140E-5-B	MITSUBISHI S6B3-PTA	CATERPILLAR C-15	
Type (4Cycle, Water-Cooled)	Direct-Injection, Turbo-Charged, Intercooled					
Rated output	PS (kW) / rpm	310 (228) / 2200		568 (418) / 2000	445 (327.3) / 1800	548 (403) / 1800
Engine oil capacity	L	49		61	85	61
Fuel tank capacity	L	555		902	710	874
Battery		170F51×2		225H52×2	195G51×2	225H52×2
● DIMENSION & WEIGHT						
Overall length	mm (inch)	4350 (171.3)		4900 (192.9)	4350 (171.3)	5600 (220.5)
Overall width	mm (inch)	1900 (74.8)		2100 (82.7)	2100 (82.7)	2110 (83.1)
Overall Height	mm (inch)	2350 (92.5)		2500 (98.4)	2315 (91.1)	2500 (98.4)
Dry (Operating) weight	kg	5050 (5650)		7510 (8500)	6470 (7300)	7800 (8800)
Tire Size		7.50-16 14PR×4W		7.00-15 12PR (I) ×4W	7.50-16 12PR×4W	7.00-15 12PR (I) ×4W
● OTHER						
Sound power level in decibels	dB	110		104	—	105
Sound pressure level	dB (A)	80		—	—	82
Designated emissions regulation		—		JPN Stage 3	JPN Stage 1	Tier 3 China GB 3

- 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	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-4B2 [Trailer]	
● COMPRESSOR								
Type	Rotary Twin Screw, Single-Stage, Oil-cooled							
Free air delivery	m ³ /min	1.8	2.3	2.8	3.7	4.0	5.2	
Rated operating pressure	MPa (kgf/cm ²) (psi)	0.7 (7.14) (102)			0.69 (7.0) (100)	0.7 (7.14) (102)	0.7 (7.14) (102)	0.69 (7.0) (100)
Compressor capacity	L	7	8	9	15	14	15	
Discharge Air Temperature	°C	Atmospheric Temperature+20						
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 EDM-3TNV88	YANMAR 4TNV88-BDXHKS	YANMAR 4TNV98T-NHK	
Type (4Cycle, Water-Cooled)	Swirl-Chamber			Direct-Injection			Direct-Injection, Turbo-Charged	
Rated output	PS (kW) / rpm	19.2 (14.1) / 3600	23.1 (17.0) / 3600	26.1 (19.2) / 3400	36.6 (26.9) / 3000	36.5 (26.9) / 3000	47.5 (34.9) / 3000	
Engine oil capacity	L	3.8	3.7	4.5	6.7	6.7	7.4	
Fuel tank capacity	L	18	25<33>	28<33>	70	69	90<92>	
Battery		55B24R×1		80D26R×1			95D31R×1	
● DIMENSION & WEIGHT								
Overall length	mm (inch)	1370 (53.9)	1500 (59.1) <1520 (59.8)>	1580 (62.2) <1625 (64.0)>	1700 (66.7)	1700 (66.7)	1970 (77.6)	
Overall width	mm (inch)	700 (27.6)	770 (30.3) <770 (30.3)>	770 (30.3) <800 (31.5)>	890 (35.0)	890 (35.0)	950 (37.4)	
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)>	
Dry (Operating) weight	kg	315 (345)	405 (440) <430 (470)>	470 (510) <525 (565)>	650 (730)	700 (780)	765 (860) <835 (935)>	
Tire Size		—	—	—	—	—	145R12 8PR×2W	
● OTHER								
Sound power level in decibels	dB	93	93<93>	93<95>	94	94	94<94>	
Sound pressure level	dB (A)	68	67<67>	66<67>	66	66	68	
Designated emissions regulation		JPN Stage 3					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.



PDS265SC



PDSF140SC



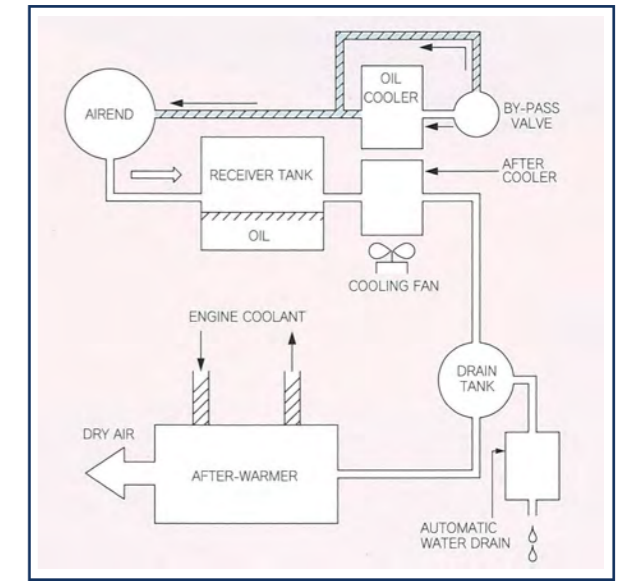
Dry-Air Series

Compressor supplying dry air

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



PDS655SD



■ SPECIFICATIONS

Model	PDS265SC-5B2 [Box]	PDS400SC-6B5 [Trailer]	PDSF100SC-5C3 [Box]	PDSF140SC-5C3 [Box]	PDSF210SC-5C3 [Box]	PDSF330DPC-6B5 [Dual Pressure] [Trailer]	PDSF1000DPC-4C5 [Dual Pressure] [Trailer]	
● COMPRESSOR								
Type	Rotary Twin Screw, Single-Stage, Oil-cooled							
Free air delivery	m ³ /min	7.5	11.3	2.8	4.0	6.0	9.3/10.6	27.5
Rated operating pressure	MPa (kgf/cm ²) (psi)	0.69 (7.0) (100)	0.7 (7.14) (102)	1.03 (10.5) (149)		1.03 (10.5) (149)/0.7 (7.14) (102)		1.03 (10.5) (149)/0.7 (7.14) (102)
Compressor capacity	L	30	40	15		30	40	110
Discharge Air Temperature	°C	Atmospheric Temperature+20						
Air outlet valve		3/4"×4, 2"×1 (OP)	3/4"×2, 2"×1	3/4"×2	3/4"×3	3/4"×2, 2"×1		3/4"×1, 2"×3
● ENGINE								
Make/Model	YANMAR 4TNV98T-NHK	KUBOTA V3800DI-TI-E2B-COHE1	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDHS	YANMAR KDP-4TNV98T	KUBOTA V3800DI-TI-E2B-COHE1	KOMATSU SAA6D125E-5-A	
Type (4Cycle, Water-Cooled)	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection		Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled		
Rated output	PS (kW) /rpm	83.2 (61.2) /2500	102.2 (75.2) /2600	36.5 (26.9) /3000	47.5 (34.9) /3000	83.2 (61.2) /2500	102.2 (75.2) /2600	357 (262.5) /1900
Engine oil capacity	L	10.5	13	6.7	7.4	10.5	13	41
Fuel tank capacity	L	115	178	70	90	115	178	600
Battery		95D31R×1	130F51×1	85D26R×1		95D31R×1	130F51×1	170F51×2
● DIMENSION & WEIGHT								
Overall length	mm (inch)	2050 (80.7)	3665 (144.3)	1700 (66.7)	1970 (77.6)	2050 (80.7)	3665 (144.3)	4370 (172.0)
Overall width	mm (inch)	1200 (47.2)	1975 (77.8)	890 (35.0)	950 (37.4)	1200 (47.2)	1975 (77.8)	2000 (78.7)
Overall Height	mm (inch)	1250 (49.2)	1773 (69.8)	1080 (42.5)	1080 (42.5)	1310 (51.6)	1773 (69.8)	2290 (90.2)
Dry (Operating) weight	kg	1180 (1320)	1820 (2020)	650 (730)	750 (850)	1170 (1310)	1820 (2020)	5100 (5790)
Tire Size		—	6.50-14 8PR×2W	—	—	—	6.50-14 8PR×2W	7.50-16 14PR×4W
● OTHER								
Sound power level in decibels	dB	98	100	94	94	—	99	105
Sound pressure level	dB (A)	69	71	65	—	—	69	76
Designated emissions regulation		JPN Stage 2		JPN Stage 3		JPN Stage 2	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	PDS655SD-4B2 [Trailer]	PDSF530SD-4B2 [Trailer]	
● COMPRESSOR			
Type	Rotary Twin Screw, Single-Stage, Oil-cooled		
Free air delivery	m ³ /min	18.5	15.0
Rated operating pressure	MPa (kgf/cm ²) (psi)	0.7 (7.14) (102)	1.05 (10.7) (150)
Compressor capacity	L	80	
Discharge Air Temperature	°C	Atmospheric Temperature+40	
Air outlet valve		3/4"×2, 2"×1, 3/8"×1	
● ENGINE			
Make/Model	HINO J08C-V		
Type (4Cycle, Water-Cooled)	Direct-Injection		
Rated output	PS (kW) /rpm	160 (118) /2500	
Engine oil capacity	L	23	
Fuel tank capacity	L	270	
Battery		115F51×2	
● DIMENSION & WEIGHT			
Overall length	mm (inch)	3650 (143.7)	3650 (143.7)
Overall width	mm (inch)	1685 (66.3)	1685 (66.3)
Overall Height	mm (inch)	2095 (82.5)	2070 (81.5)
Dry (Operating) weight	kg	3190 (3530)	3210 (3550)
Tire Size		175R13-8PR×4W	175R13-8PR×4W
● OTHER			
Sound power level in decibels	dB	102	
Sound pressure level	dB (A)	73	
Designated emissions regulation		JPN Stage 2	

- Sound pressure level is measured at 7m in 4 directions average.