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.



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AIRMAN USA CORPORATION

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



No.1 PDS 19-12 ①

DISTRIBUTOR:

Engine Compressor
For GBII/Tier3/JPN Stage 3



ENGINE COMPRESSOR PDS series

Portable Diesel Screw







PDS100LC

PDS600S/F550S

HOKUETSU INDUSTRIES CO., LTD.

CHALLENGE TO THE NEW ERA

Engine Compressor DIDS Series



Discharged air pressure

Standard Pressure PDS

Standard AIRMAN engine compressor. Highly durable with excellent fuel efficiency.

High Pressure PDSF/G/H/J/K

AIRMAN high-pressure series, providing powerful air pressure.

Variable Pressure PDS-VR/DP

AIRMAN variable pressure series performs many roles, providing for both standard and high pressure needs.







Air Quality

Standard **PDS**

Standard AIRMAN engine compressor. Oil is separated in consideration of the environment.



After-Cooler PDS-C

Compressed air is cooled to remove moisture. Discharged air only contains a very small amount of moisture.



Dry-Air PDS-D

Provides dry air with low humidity. It is safe even during rainy and humid



Bonnet

Box

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



Leak-Guard

When fuel or oil leaks, the oil fence prevents leakage to the outside as much as possible.



Trailer

With a trailer, the device is easy to move.



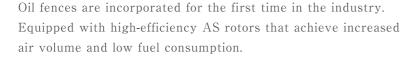
MODEL LINEUP

We have a wide range of compressor models that you can choose from to suit your needs.

				Model[Free air delivery(CFM)]							
	Air Quality	Bonnet	65	80	100	130	140	185	265	390	670
Ø	<u> </u>	Box	i								
tan	Standard Pressure	Leak-Guard									
Standard	i icasuic	Trailer									
		Box									
Pressure	After Cooler	Leak-Guard									
sur	Occiden	Trailer									
æ	Dry-Air	Box									
		Trailer						!			

				Model[Free air delivery(CFM)]											
	Air Quality	Bonnet	F100	F140	F210	F315	F550	F1000	G750	G900	G1400	H800	J850	J1550	K900
"≤я	Chandand	Вох													
High pressure/ ariable pressuspecifications	Standard Pressure	Leak-Guard		!		!	!								
		Trailer		! ! !											
essure• pressure cations	After	Box													
s ire	Cooler	Trailer		! !											
	Dry-Air	Trailer		! !	I	 					 			 	

[Leak-Guard]



Applicable models

PDS65L	PDS80L	PDS100L	PDS140L	PDS185S	PDSG1400LDP
After-Cooler PDS65LC	After-Cooler PDS80LC	After-Cooler PDS100LC	After-Cooler PDS140LC	After-Cooler PDS185SC	Variable pressure specifications PDSG1400LVR



- 1 Portable Diesel Screw
- 2 Free air delivery (CFM) 1m³/min=35CFM
- 3 Bonnet type L:Leak-Guard
- 4 Pressure control
- 5 Special specification C: After-Cooler
- 6 Class number

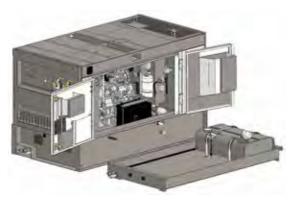
5:BOX 7:Oil fence %PDS185S/SC-7C5 only

S : Single pressure DP : 2 stage pressure switching VR : Continuous variable control

Oil fence

In case fuel, oil or cooling water leaks on the frame, the oil fence prevents the leakage from flowing outside.

*It does not guarantee to prevent all oil leaks.



Eco-friendly functions and easy maintenance

A built-in drain tank (After-Cooler)

(PDS80LC/PDS100LC/PDS140LC)

A built-in After-cooler drain tank that does not discharge to the outside. The tank is easily detachable for easy disposal of drain





Hoses to discharge oil

(PDS185S/185SC)

A hose is equipped to make it easy to discharge engine



ECO mode / AUTO ECO mode

(PDS100L/100LC)

Equipped with [EC0] and [EC0 AUT0] switches. Changes unload rpm dependent on application, saving on fuel consumption.

A structure without central pillars

(PDS80L/80LC/100L/100LC/PDS140L/PDS140LC)

No interior, central pillar for easier access to maintenance items.



Leak-Guard PDS series



PDS65L



PDS65LC





PDS80LC





PDS100L PDS100LC

Engine Compressor DDS Series

			PDS65L-5C5	PDS65LC-5C5 After-Cooler	PDS80L-5C5	PDS80LC-5C5 After-Cooler	PDS100L-5C5	PDS100LC-5C5 After-Cooler		
0	Туре		Rotary Twin Screw, Single-Stage, Oil-cooled							
COMPRESSOR	Free air delivery	m ³ /min	1.84	1.84	2.3	2.3	2.8	2.8		
PRES	Rated operating pressure	MPa[kgf/cm ²][psi]	0.7[7.14][102]	0.7[7.14][102]	0.7[7.14][102]	0.7[7.14][102]	0.7[7.14][102]	0.7[7.14][102]		
SOF	Compressor capacity	L	7.0	7.0	8.0	8.0	9.0	9.0		
20	Air outlet valve		3/4"×1 Air Chuck 3/8"×1	3/4"×1 Air Chuck $3/8$ "×1	3/4"×2	3/4"×2	3/4"×2	3/4"×2		
	Make/Model		KUBOTA D722-K3A	KUBOTA D722-K3A	KUBOTA D902-K3A	KUBOTA D902-K3A	KUBOTA D1105-K3B	KUBOTA D1105-K3B		
ш	Туре		Swirl Chamber	Swirl Chamber	Swirl Chamber	Swirl Chamber	Swirl Chamber	Swirl Chamber		
ENGINE	Rated output	PS(kW)/min ⁻¹	19.2(14.1)/3,600	19.2(14.1)/3,600	23.1 (17.0) /3,600	23.1 (17.0) /3,600	26.1 (19.2) /3,400	26.1 (19.2) /3,400		
m	Engine oil capacity	L	3.8	3.8	3.7	3.7	4.5	4.5		
	Fuel tank capacity	L	18	18	33	33	33	33		
	Battery		55B24R×1	55B24R×1	55B24R×1	55B24R×1	80D26R×1	80D26R×1		
	L×W×H	mm	1,250×700×800	1,250×700×800	1,395×770×880	1,395×770×880	1,505×800×905	1,505×800×905		
% <u>D</u> ≪ X	Dry (Operating) weight	kg	310 (340)	315 (345)	420 (460)	430 (470)	515 (555)	525 (565)		
& WEIGHT	Sound power level in decibels	dB	93	93	93	93	93	95		
크ᅙ	Sound pressure level	dB[A]	67	67	66	67	67	67		
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3		



PDS140L



PDS140LC



PDS185S



PDS185SC





PDSG1400LDP PDSG1400LVR

			PDS140L-5C5	PDS140LC-5C5 After-Cooler	PDS185S-7C5	PDS185SC-7C5 After-Cooler	PDSG1400LDP-5C5 High Pressure	PDSG1400LVR-5C5 High Pressure
	Туре			R	otary Twin Screw, Si	ngle-Stage, Oil-coole	ed	
0	Free air delivery	m ³ /min	4.0	4.0	5.2	5.2	39.7	42.5~39.7
COMPRESSOR	Rated operating pressure	MPa [kgf/cm ²][psi]	0.7[7.14][102]	0.7[7.14][102]	0.7[7.14][102]	0.7[7.14][102]	1.03[10.5][149] / 1.4[14.3][203]	0.65[6.63][94]~ 1.4[14.3][203]
SSO	Compressor capacity	L	14.0	14.0	15.0	15.0	200	200
æ	Air outlet valve		3/4"×2 Air Chuck 3/8"×1	3/4"×2 Air Chuck 3/8"×1	3/4"×3	3/4"×3	3/4"×1, 3"×1	3/4"×1, 3"×1
	Make/Model		YANMAR EDM-3TNV88	YANMAR EDM-3TNV88	YANMAR 4TNV88-BXDHKSR	YANMAR 4TNV88-BXDHKSR	KOMATSU SAA6D140E-5-B	KOMATSU SAA6D140E-5-B
ENG	Туре		Direct-Injection	Direct-Injection	Direct-Injection	Direct-Injection	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled
ENGINE	Rated output	PS(kW)/min ⁻¹	36.5 (26.9) /3,000	36.5 (26.9) /3,000	47.5 (34.9) /3,000	47.5 (34.9) /3,000	568 (418) / 2,000	568 (418) /2,000
	Engine oil capacity	L	6.7	6.7	7.4	7.4	61	61
	Fuel tank capacity	L	69	69	92	92	780	780
	Battery		85D26R×1	85D26R×1	80D26R×1	80D26R×1	225H52×2	225H52×2
	L×W×H	mm	1,580×890×1,130	1,580×890×1,130	1,850×950×1,300	1,850×950×1,300	4,750×1,950×2,050	4,750×1,950×2,050
∞ P	Dry (Operating) weight	kg	690 (770)	700 (780)	825 (925)	835 (935)	6,610 (7,530)	6,610 (7,530)
VEIC	Sound power level in decibels	dB	94	94	94	94	104	104
& WEIGHT	Sound pressure level	dB[A]	66	66	68	68	78.6	78.6
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3

Specifications are subject to change without notice.





01

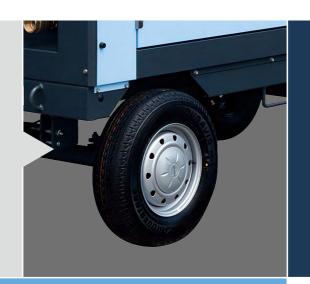
High-efficiency gears achieve large air volume

AS rotors (highly-efficient gears) enable the device to efficiently produce high-level volumes of air.

04

Large wheels

We selected the most suitable wheel dimensions for effortless movement on-site.



05

Highly durable compressor oil

The series employs high-performance compressor oil originating from AIRMAN's independent research.

AIRMAN PDS series

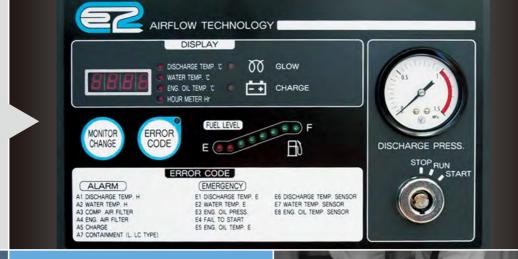
AIRMAN PDS series is the most popular compressor at construction sites. You can choose from a wide range of models from small to very large types to suits your needs.

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.

02

Excellent operability

Digital monitor panels are provided for visibility, while the pressure gauge is equipped with an analog meter that is easy to understand.



The lineup of eco-friendly equipped oil fences

[Leak-Guard]

Eco-friendly type with an integrated oil fence

In case fuel, oil or cooling water leaks on the frame, the oil fence prevents the leakage from flowing outside. It does not guarantee to prevent all oil leaks.

A built-in aftercooler drain tank that does not discharge to the outside. The tank is easily detachable for easy disposal of drain water.





Leak-Guard Applicable models

Posted on P4

PDS65L

After-Cooler PDS65LC

PDS80L

After Cooler

PDS80LC

PDS100L

PDS100LC

.

PDS140L

After-Cooler

PDS140LC

PDS185S

After-Cooler

PDS185SC

ariable pressure specifications

PDSG1400LDP

Variable pressure specifications

PDSG1400LVR

03

A rotation stopper is equipped in the service valve

Rotation stoppers are equipped on the service valves to prevent loosening from the daily attaching and reattaching of air tools.



Variable pressure

Meeting the needs of a wide variety of applications.



08

Abundant options

Many useful options such as lightweight and rigid hoses, hose drums made from special resins, and casters are available.







PDS100S

DS130S

			PDS80S-5C5 Box	PDS100S-5C5 Box	PDS130S-5C3 Box
O	Туре		Rota	ooled	
o ME	Free air delivery	m ³ /min	2.3	2.8	3.7
COMPRESSOR	Rated operating pressure	MPa[kgf/cm ²][psi]	0.7[7.14][102]	0.7[7.14][102]	0.69[7.0][100]
SSO	Compressor capacity	L	8	9	15
Ď	Air outlet valve		3/4"×2	3/4"×2	3/4"×2
	Make/Model		KUBOTA D902-K3A	KUBOTA D1105-K3B	YANMAR 3TNV88-BDHK
	Туре		Swirl Chamber	Swirl Chamber	Direct-Injection
ENGINE	Rated output	PS(kW)/min ⁻¹	23.1 (17.0) / 3600	26.1 (19.2) / 3400	36.5 (26.9) / 3000
Ĭ.	Engine oil capacity	L	3.7	4.5	6.7
	Fuel tank capacity	L	25	28	70
	Battery		55B24R×1	80D26R×1	85D26R×1
	L×W×H	mm	1375×770×865	1,460×770×900	1,580×890×1,080
∞ □	Dry (Operating) weight	kg	400 (435)	460 (500)	640 (720)
WE	Tire Size		-	-	-
DIMENSION & WEIGHT	Sound power level in decibels	dB	93<93>	93<95>	94
٦ž	Sound pressure level	dB[A]	66<67>	67<67>	66
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3







PDS185S

PDS265S

DS390S

Type							
Free air delivery							
Make/Model	Ö	Туре		Rota	ary Twin Screw, Single-Stage, Oil-co	oled	
Make/Model	S N	Free air delivery	m³/min	5.2	7.5	11.0	
Make/Model	Ř	Rated operating pressure	MPa[kgf/cm ²][psi]	0.7[7.14][102]	0.69[7.0][100]	0.69[7.0][100]	
Make/Model	SSO	Compressor capacity	L	15	30	50	
Type Direct-Injection Direct-Injection, Turbo-Charged Turbo-Charged, Intercooled Rated output PS(kW)/min ⁻¹ 47.5 (34.9)/3000 83.2 (61.2)/2500 114.8 (84.4)/2200 Engine oil capacity L 7.4 10.5 15 Fuel tank capacity L 90 115 180 Battery 80D26R×1 95D31R×1 80D26R×2 LXWXH mm 1850×950×1080 2050×1200×1250 2680×1300×1400 Dry (Operating) weight kg 755 (850) 1150 (1290) 1660 (1870) Tire Size	Ä	Air outlet valve		3/4"×3	3/4"×4, 2"×1(OP)	3/4"×4, 2"×1	
Type		Make/Model		YANMAR 4TNV88-BXDHKSR	YANMAR KDP-4TNV98T	ISUZU CI-4JJ1X	
Fuel tank capacity Euglier on	▣	Туре		Direct-Injection	•		
Fuel tank capacity Euglier on	NG I	Rated output	PS(kW)/min ⁻¹	47.5 (34.9) / 3000	83.2(61.2)/2500	114.8(84.4)/2200	
Battery 80D26R×1 95D31R×1 80D26R×2 L×W×H mm 1850×950×1080 2050×1200×1250 2680×1300×1400 Dry (Operating) weight kg 755 (850) 1150 (1290) 1660 (1870) Tire Size − − − − Sound power level in decibels dB 95 98 99 Sound pressure level dB[A] 68 70 70	m	Engine oil capacity	L	7.4	10.5	15	
LXWXH mm 1850×950×1080 2050×1200×1250 2680×1300×1400 Dry (Operating) weight kg 755 (850) 1150 (1290) 1660 (1870) Tire Size		Fuel tank capacity	L	90	115	180	
Dry (Operating) weight kg 755 (850) 1150 (1290) 1660 (1870) Tire Size − − − Sound power level in decibels dB 95 98 99 Sound pressure level dB[A] 68 70 70		Battery		80D26R×1	95D31R×1	80D26R×2	
Tire Size - - - Sound power level in decibels dB 95 98 99 Sound pressure level dB[A] 68 70 70		L×W×H	mm	1850×950×1080	2050×1200×1250	2680×1300×1400	
Sould biessale level ap[k]	∞ □	Dry (Operating) weight	kg	755 (850)	1150(1290)	1660 (1870)	
Sould biessale level ap[k]	WE!	Tire Size		-	-	-	
Sould biessale level ap[k]	IGH.	Sound power level in decibels	dB	95	98	99	
Designated emissions regulation JPN Stage 3 JPN Stage 3 JPN Stage 3	٦ž	Sound pressure level	dB[A]	68	70	70	
		Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3	





S185S

PD526

			PDS185S-6C2 Trailer	PDS265S-4c3 Trailer
O	Туре		Rotary Twin Screw, Si	ingle-Stage, Oil-cooled
O M T	Free air delivery	m ³ /min	5.2	7.5
Ř	Rated operating pressure	MPa[kgf/cm ²][psi]	0.69[7.0][100]	0.69[7.0][100]
COMPRESSOR	Compressor capacity	L	15	30
Ď	Air outlet valve		3/4"×2	3/4"×4, 2"×1(OP)
	Make/Model		YANMAR 4TNV88-BXDHKS	YANMAR KDP-4TNV98T
	Туре		Direct-Injection	Direct-Injection, Turbo-Charged
ENGINE	Rated output	PS(kW)/min ⁻¹	49.5 (36.4) /3000	83.2(61.2)/2500
ž E	Engine oil capacity	L	7.4	11
	Fuel tank capacity	L	90	115
	Battery		80D26R×1	95D31R×1
	L×W×H	mm	2960×1650×1510	2400×1570×1650
∞ □	Dry (Operating) weight	kg	860 (960)	1350 (1490)
DIMENSION & WEIGHT	Tire Size		175R13-8PR×2W	145R12 8PR×2W
IGH.	Sound power level in decibels	dB	98	98
٦ź	Sound pressure level	dB[A]	69	70
	Designated emissions regulation		US Tier 3	JPN Stage 3





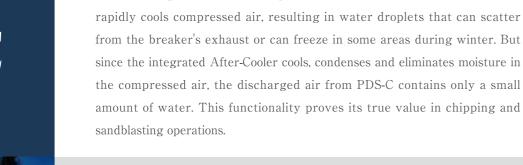
DS390S

PDS670S

			PDS390S-4C1 Trailer	PDS670S-4C5 Trailer
Ö	Туре		Rotary Twin Screw, Sir	ngle-Stage, Oil-cooled
COMPRESSOR	Free air delivery	m ³ /min	11.0	19.0
Ř	Rated operating pressure	MPa[kgf/cm ²][psi]	0.7[7.14][102]	0.7[7.14][102]
SSC	Compressor capacity	L	50	97
ž	Air outlet valve		3/4"×4, 2"×1	3/4"×2, 2"×1
	Make/Model		ISUZU CI-4JJ1X	ISUZU AI-4HK1X
	Туре		Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled
ENC	Rated output	PS(kW)/min ⁻¹	114.8 (84.4) /2200	161 (118.6) /2000
ENGINE	Engine oil capacity	L	15	20.5
	Fuel tank capacity	L	180	310
	Battery		80D26R×2	130F51×2
	L×W×H	mm	3065×1415×1870	3690×1680×2145
~ □	Dry (Operating) weight	kg	1965 (2175)	2940 (3310)
WE WE	Tire Size		175R13 8PR×4W	175R13 8PR×4W
DIMENSION & WEIGHT	Sound power level in decibels	dB	98	102
٦ž	Sound pressure level	dB[A]	70	76
	Designated emissions regulation		JPN Stage 3	JPN Stage 3

Specifications are subject to change without notice.

After-Cooler PDS-C SERIES



Adiabatic expansion within a high-load device such as a concrete breaker,



PDS 185 S C - 5 C5

1 Portable Diesel Screw

4 Type 3: Skid

2 Air volume (CFM) 1m³/min=35CFM

4 : Trailer

3 Control S: Single pressure

5 : Box

Do you have the following experiences?









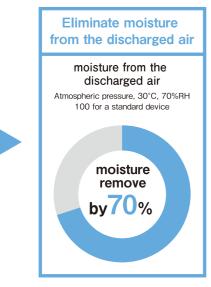


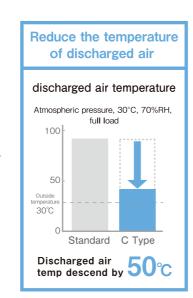
Frozen and unable

All are caused by moisture within the compressed air!

As the After-cooler cools and condenses the moisture in the compressed air, the discharged air contains only a small amount of water











			PDS65LC-5C5 Leak guard/Box		PDS100SC-5C5 <pds100lc-5c5> <leak box="" guard=""></leak></pds100lc-5c5>	PDS140LC-5C5 Leak guard/Box	PDS185SC-5C5 Box			
	Туре		Rotary Twin Screw, Single-Stage, Oil-cooled							
CO	Free air delivery	m ³ /min	1.8	2.3	2.8	4.0	5.2			
COMPRESSOR	Rated operating pressure	MPa[kgf/cm ²][psi]	0.7[7.14][102]	0.7[7.14][102]	0.7[7.14][102]	0.7[7.14][102]	0.7[7.14][102]			
ESS	Compressor capacity	L	7	8	9	14	15			
OR OR	Discharge Air Temperature	°C	-	Atmospheric Temperature+20	Atmospheric Temperature+20	_	Atmospheric Temperature+20			
	Air outlet valve		3/4"×1 Air Chuck 3/8"×1	3/4"×2	3/4"×2	$3/4"\times2$ Air Chuck $3/8"\times1$	3/4"×3			
	Make/Model		KUBOTA D722-K3A	KUBOTA D902-K3A	KUBOTA D1105-K3B	YANMAR EDM-3TNV88	YANMAR 4TNV88-BXDHKSR			
	Type		Swirl Chamber	Swirl Chamber	Swirl Chamber	Direct-Injection	Direct-Injection			
ENGINE	Rated output	PS(kW)/min ⁻¹	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			
Ž	Engine oil capacity	L	3.8	3.7	4.5	6.7	7.4			
	Fuel tank capacity	L	18	25<33>	28<33>	69	90			
	Battery		55B24R×1	55B24R×1	80D26R×1	85D26R×1	80D26R×1			
	L×W×H	mm	1250×700×800	1375×770×865 <1395×770×880>	1460×770×900 <1505×800×905>	1580×890×1130	1850×950×1080			
20 (Dry (Operating) weight	kg	315 (345)	405 (440) <430 (470) >	470 (510) < 525 (565) >	700 (780)	765 (860)			
& WEIGHT	Tire Size		-	-	-	-	-			
¥ 9	Sound power level in decibels	dB	93	93<93>	93<95>	94	94			
	Sound pressure level	dB[A]	67	66<67>	67<67>	66	68			
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3			









PDS265SC

PDS390SC

PDS390SC

			PDS265SC-4C3 Trailer	PDS265SC-5C3 Box	PDS390SC-4C1 Trailer	PDS390SC-5C1			
	Туре			Rotary Twin Screw, Single-Stage, Oil-cooled					
CO	Free air delivery	m ³ /min	7.5	7.5	11.0	11.0			
COMPRESSOR	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]			
ESS	Compressor capacity	L	30	30	50	50			
ÖR	Discharge Air Temperature	°C	Atmospheric Temperature+20	Atmospheric Temperature+20	Atmospheric Temperature+20	Atmospheric Temperature+20			
	Air outlet valve		3/4"×4, 2"×1(OP)	3/4"×4, 2"×1(OP)	3/4"×4, 2"×1	3/4"×4, 2"×1			
	Make/Model		YANMAR KDP-4TNV98T	YANMAR KDP-4TNV98T	ISUZU CI-4JJ1X	ISUZU CI-4JJ1X			
ш	Туре		Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled			
ENGINE	Rated output	PS(kW)/min ⁻¹	83.2(61.2)/2500	83.2(61.2)/2500	114.8 (84.4) /2200	114.8(84.4)/2200			
m	Engine oil capacity	L	11	11	15	15			
	Fuel tank capacity	L	115	115	180	180			
	Battery		95D31R×1	95D31R×1	80D26R×2	80D26R×2			
	L×W×H	mm	2400×1570×1650	2050×1200×1250	3065×1415×1870	2680×1300×1400			
∞ □	Dry (Operating) weight	kg	1370 (1510)	1170 (1310)	2005 (2215)	1700 (1910)			
WE	Tire Size		145R12 8PR×2W	-	175R13 8PR×4W	-			
DIMENSION & WEIGHT	Sound power level in decibels	dB	98	98	99	98			
٦ž	Sound pressure level	dB[A]	70	70	70	70			
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3			

Specifications are subject to change without notice.



AIRMAN PDS-D is a series of compressors that supplies dry air with low humidity. It supplies dry service air at atmospheric temperature +40°C and contains numerous devices such as an aftercooler to cool the compressed air, an auto drain to discharge collected water, and an afterwarmer to lower the humidity of the compressed air. Because 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. *Does not supply oil-free air.

PDS 670 S D - 4 C5

1 Portable Diesel Screw

4 Type 4 : Trailer

2 Air volume (CFM) 1m³/min=35CFM

5 : Box

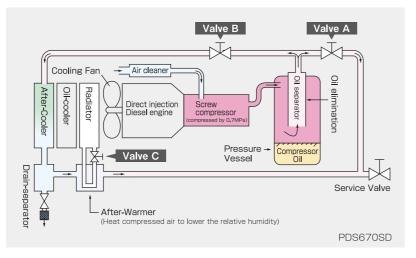
3 Control S: Single pressure

The following is how dry air is born

After the removal of oil by the oil separator, the compressed air is cooled significantly by the aftercooler.

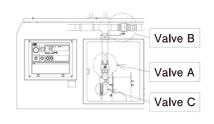
As the compressed air is cooled, a saturated vapor (vapor that cannot be absorbed in the compressed air) is changed into small water drops and then drained.

The dehydrated compressed air is heated by the afterwarmer, reusing the hot water from the engine. The heat makes the compressed air less humid, transforming it into dry air.



Switchable between dry air (high temperature), after-cooled air (low temperature) and normal air

You can switch valves to obtain 3 types of air: dry air, after-cooled air, and normal air depending on application.



	Dry Air (High Temp.)	After-cooler Air (Low Temp.)	Normal Air
Valve A Dehumidification switching	Shut d		Open —
Valve B Dehumidification switching	Open		Shut
Valve C Temp. switching for Dry air	Open D	Shut	Shut

*After-cooler air of applications: intake air to separated dryer

PDS670SD









)	PDS265SD	PDS390SD	PDS390SD

			PDS265SD-4C3 Trailer	PDS265SD-5C3 Box	PDS390SD-4C1 Trailer	PDS390SD-5C1 Box			
	Туре			Rotary Twin Screw, Single-Stage, Oil-cooled					
00	Free air delivery	m ³ /min	7.5	7.5	11.0	11.0			
COMPRESSOR	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]			
ESS	Compressor capacity	L	30	30	50	50			
OR OR	Discharge Air Temperature	°C	Atmospheric Temperature+40	Atmospheric Temperature+40	Atmospheric Temperature+40	Atmospheric Temperature+40			
	Air outlet valve		3/4"×4, 2"×1(OP)	3/4"×4, 2"×1(0P)	3/4"×4, 2"×1	3/4"×4, 2"×1			
	Make/Model		YANMAR KDP-4TNV98T	YANMAR KDP-4TNV98T	ISUZU CI-4JJ1X	ISUZU CI-4JJ1X			
Ш	Туре		Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled			
ENGINE	Rated output	PS(kW)/min ⁻¹	83.2 (61.2) /2500	83.2(61.2)/2500	114.8 (84.4) /2200	114.8(84.4)/2200			
m	Engine oil capacity	L	11	11	15	15			
	Fuel tank capacity	L	115	115	180	180			
	Battery		95D31R×1	95D31R×1	80D26R×2	80D26R×2			
	L×W×H	mm	2400×1570×1650	2175×1200×1250	3065×1415×1870	2680×1300×1400			
∞ □	Dry (Operating) weight	kg	1410 (1550)	1210 (1350)	2075 (2285)	1770 (1980)			
DIMENSION & WEIGHT	Tire Size		145R12 8PR×2W	-	175R13 8PR×4W	_			
HEIGH	Sound power level in decibels	dB	98	98	99	98			
٦ž	Sound pressure level	dB[A]	70	70	70	70			
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3			



PDS670SD





PDS600SD/F550SD

PDSG750VRSD

			PDS670SD-4C5 Trailer	PDS600SD/F550SD-4C5 Dual Pressure / Trailer	PDSG750VRSD-4C5 Variable pressure / Trailer		
	Туре		Rotary Twin Screw, Single-Stage, Oil-cooled				
CO	Free air delivery	m ³ /min	19.0	17.0/15.6	25.5~21.2		
COMPRESSOF	Rated operating pressure	MPa[kgf/cm ²][psi]	0.7[7.14][102]	1.03[10.5][149]/0.7[7.14][102]	1.4[14.3][203]~0.5[5.1][73]		
ESS	Compressor capacity	L	97	97	82		
SOR	Discharge Air Temperature	°C	Atmospheric Temperature+40	Atmospheric Temperature+40	Atmospheric Temperature+40		
	Air outlet valve		3/4"×2, 2"×1, 3/8"×1	3/4"×2, 2"×1, 3/8"×1	2"×1, 3/4"×2		
	Make/Model		ISUZU AI-4HK1X	ISUZU AI-4HK1X	HINO J08E-UK		
	Туре		Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled		
ENO	Rated output	PS(kW)/min ⁻¹	161 (118.6) /2000	161 (118.6) /2000	268(197)/2100		
ENGINE	Engine oil capacity	L	20.5	20.5	28.5		
	Fuel tank capacity	L	310	310	400		
	Battery		130F51×2	130F51×2	170F51×2		
	L×W×H	mm	3690×1680×2145	3690×1680×2145	3820×1730×2300		
∞ □	Dry (Operating) weight	kg	3050 (3430)	3090 (3470)	3510 (3970)		
WE	Tire Size		175R13-8PR×4W	175R13-8PR×4W	185R14-8PR×4W		
DIMENSION & WEIGHT	Sound power level in decibels	dB	102	101	102		
٦ž	Sound pressure level	dB[A]	76	72	74		
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3		

• Specifications are subject to change without notice.

High Pressure

PDSF/K SERIES

Variable Pressure

PDS-DP/VR SERIES

DP

Dual Pressure

[2 stage pressure switching]

VR

Variable Ratings

[Continuous variable control]



AIRMAN high-pressure compressors and variable pressure compressors are the foundation of urban development. The core of the compressors, the screw rotors, are all developed in-house allowing us to achieve both incomparable power and variety in our products. 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.

PDS G 1400 L VR -5 C5

- Portable Diesel Screw
- Pressure specification symbol
 Blank: 0.7 MPa H: 1.7 MPa
 F: 1.03 MPa J: 2.0 MPa
 G: 1.4 MPa K: 2.5 MPa
- 3 Air volume (CFM) 1m³/min=35CFM
- 4 Bonnet type
 Blank: Standard
 L: Leak-Guard
- **5** Control
 - S:Single pressure DP:2 stage pressure switching VR(S):Continuous variable control
- 6 Special specification
 - Blank: Standard C: After-Cooler D: Dry-Air
- 7 Type
 - 4 : Trailer
 - 5 : Box





High Pressure

Full lineup of the high-pressure series

A wide range of discharge pressure ratings from 1.03 to 2.41 MPa are available depending on usage.

Variable Pressure [DP]

Play a dual role

Pressure Switch is available for switching between low pressure or high pressure depending on usage.

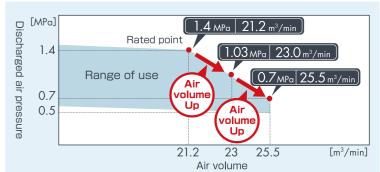
Model	Discharged air pressure (MPa)	Air volume (m³/min)
PDS600S/F550S	0.7 / 1.03	17.0 / 15.6
PDSF1000DP	0.7 / 1.03	27.5
PDSG900DP	1.03 / 1.4	24.4
PDSG1400LDP	1.03 / 1.4	39.7
PDSH800DP	1.4 / 1.7	22.1
PDSJ850DP	1.7 / 2.0	24.1
PDSJ1550DP	1.7 / 2.0	42.5

Variable Pressure [VR(S)]

Pressure setting that fits each site

You can freely choose any pressure within the range from 0.5MPa to 1.4MPa. Also, it has an integrated air boosting to automatically raise the engine rotation speed if the pressure drops.

Wide-range pressure control(VRS)



PDSG750VRS

Variable Pressure [VR(S)]

Pressure selector switch

An operator is able to change pressure value in 0.01 MPa increments on the display.





Range setting	Low	Middle	High
Initial setting[MPa]	0.7	1.03	1.4
Range setting[MPa]	0.65~0.75	0.76~1.08	1.09~1.4

%Setting can be adjustable by 0.01MPa

PDSG1400LVR





PDSF100S

DSE140S

			PDSF100S-5C3 Box	PDSF140S-5C3 Box	PDSF210S-5C3 Box
O	Туре		Rota	ary Twin Screw, Single-Stage, Oil-co	oled
COMPRESSOR	Free air delivery	m ³ /min	2.8	4.0	6.0
Ř	Rated operating pressure	MPa[kgf/cm ²][psi]	1.03[10.5][149]	1.03[10.5][149]	1.03[10.5][149]
SSO	Compressor capacity	L	15	15	30
Ď	Air outlet valve		3/4"×2	3/4"×3	3/4"×4, 2"×1
	Make/Model		YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDHKS	YANMAR KDP-4TNV98T
	Туре		Direct-Injection Direct-Injection,		Direct-Injection, Turbo-Charged
ENGINE	Rated output	PS(kW)/min ⁻¹	36.6(26.9)/3000	49.6 (34.9) / 3000	83.2(61.2)/2500
E E	Engine oil capacity	L	6.7	7.4	11
	Fuel tank capacity	L	70	90	115
	Battery		80D26R×1	80D26R×1	95D31R×1
	L×W×H	mm	1580×890×1080	1850×950×1080	2050×1200×1310
∞ □	Dry (Operating) weight	kg	640 (720)	750 (850)	1170 (1300)
WE	Tire Size		-	-	-
DIMENSION & WEIGHT	Sound power level in decibels	dB	94	94	98
٦ž	Sound pressure level	dB[A]	65	65	69
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3





PDSF315S



PDSF315S

PDSK900S

		PDSF315S-4C1 Trailer	PDSF315S-5C1 Box	PDSK900S-402 Trailer
Туре		Rotary Twin Screw, Si	ngle-Stage, Oil-cooled	Rotary Twin Screw, Two-Stage, Oil-cooled
Free air delivery	m ³ /min	8.9	8.9	25.5
Rated operating pressure	MPa[kgf/cm ²][psi]	1.03[10.5][149]	1.03[10.5][149]	2.41[24.6][350]
Compressor capacity	L	50	50	120
Air outlet valve		3/4"×4, 2"×1	3/4"×4, 2"×1	3/4"×1, 2"×1
Make/Model		ISUZU CI-4JJ1X	ISUZU CI-4JJ1X	MITSUBISHI S6B3-PTA
Туре		Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled
Rated output	PS(kW)/min ⁻¹	114.8(84.4)/2200	114.8 (84.4) /2200	445 (327.3) / 1,800
Engine oil capacity	L	15	15	85
Fuel tank capacity	L	180	180	710
Battery		80D26R×2	80D26R×2	195G51×2
L×W×H	mm	3065×1415×1870	2680×1300×1400	4,670×2,100×2,315
Dry (Operating) weight	kg	2005(2215)	1700(1910)	6,470 (7,300)
Tire Size		175R13 8PR×4W	175R13 8PR×4W	7.50-16 12PR×4W
Sound power level in decibels	dB	99	99	_
Sound pressure level	dB[A]	70	70	-
Designated emissions regulation		JPN Stage 3	JPN Stage 3	_
	Free air delivery Rated operating pressure Compressor capacity Air outlet valve Make/Model Type Rated output Engine oil capacity Fuel tank capacity Battery L×W×H Dry (Operating) weight Tire Size Sound power level in decibels Sound pressure level	Free air delivery m³/min Rated operating pressure MPa[kgf/cm²][psi] Compressor capacity L Air outlet valve Make/Model Type Rated output PS(kW)/min¹¹ Engine oil capacity L Fuel tank capacity L Battery L×W×H mm Dry (Operating) weight kg Tire Size Sound power level in decibels dB Sound pressure level dB[A]	Trailer Type Rotary Twin Screw, Single Free air delivery m³/min 8.9 Rated operating pressure MPa[kgf/cm²][psi] 1.03[10.5][149] Compressor capacity L 50 Air outlet valve 3/4"×4, 2"×1 Make/Model ISUZU CI-4JJ1X Type Direct-Injection, Turbo-Charged, Intercooled Rated output PS(kW)/min¹¹ 114.8(84.4)/2200 Engine oil capacity L 15 Fuel tank capacity L 180 Battery 80D26R×2 L×WXH mm 3065×1415×1870 Dry (Operating) weight kg 2005(2215) Tire Size 175R13 8PR×4W Sound power level in decibels dB 99 Sound pressure level dB[A] 70	Type Rotary Twin Screw, Single-Stage, Oil-cooled Free air delivery m³/min 8.9 8.9 Rated operating pressure MPa[kgf/cm²][psi] 1.03[10.5][149] 1.03[10.5][149] Compressor capacity L 50 50 Air outlet valve 3/4"x4, 2"x1 3/4"x4, 2"x1 Make/Model ISUZU CI-4JJ1X ISUZU CI-4JJ1X Type Direct-Injection, Turbo-Charged, Intercooled Direct-Injection, Turbo-Charged, Intercooled Rated output PS (kW) /min⁻¹ 114.8 (84.4) /2200 114.8 (84.4) /2200 Engine oil capacity L 15 15 Fuel tank capacity L 180 180 Battery 80D26Rx2 80D26Rx2 LxWxH mm 3065x1415x1870 2680x1300x1400 Dry (Operating) weight kg 2005(2215) 1700(1910) Tire Size 175R13 8PRx4W 175R13 8PRx4W Sound power level in decibels dB 99 99 Sound pressure level dB[A] 70 70





PDSF100SC

PDSF140SC

			PDSF100SC-5C3 Box	PDSF140SC-5C3 Box	PDSF210SC-5C3 Box		
Q	Туре		Rotary Twin Screw, Single-Stage, Oil-cooled				
COMPRESSOR	Free air delivery	m ³ /min	2.8	4.0	6.0		
Ř	Rated operating pressure	MPa[kgf/cm ²][psi]	1.03[10.5][149]	1.03[10.5][149]	1.03[10.5][149]		
SSO	Compressor capacity	L	15	15	30		
Ď	Air outlet valve		3/4"×2	3/4"×3	3/4"×4, 2"×1		
	Make/Model		YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDHKS	YANMAR KDP-4TNV98T		
	Туре		Direct-Injection	Direct-Injection	Direct-Injection, Turbo-Charged		
ENGINE	Rated output	PS(kW)/min ⁻¹	36.5 (26.9) / 3000	49.6 (34.9) / 3000	83.2(61.2)/2500		
N N	Engine oil capacity	L	6.7	7.4	11		
	Fuel tank capacity	L	70	90	115		
	Battery		85D26R×1	85D26R×1	95D31R×1		
	L×W×H	mm	1580×890×1080	1850×950×1080	2050×1200×1310		
∞ □	Dry (Operating) weight	kg	650 (730)	750 (850)	1170 (1300)		
. NE	Tire Size		-	-	_		
DIMENSION & WEIGHT	Sound power level in decibels	dB	94	94	-		
٦ž	Sound pressure level	dB[A]	65	65	-		
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3		





PDSF315SC

PDSF315SC

			PDSF315SC-4C1 Trailer	PDSF315SC-5C1 Box
	Туре		Rotary Twin Screw, Si	ngle-Stage, Oil-cooled
CO	Free air delivery	m ³ /min	8.9	8.9
MPR	Rated operating pressure	MPa[kgf/cm ²][psi]	1.03[10.5][149]	1.03[10.5][149]
COMPRESSOR	Compressor capacity	L	50	50
ŐR	Discharge Air Temperature		Atmospheric Temperature+20	Atmospheric Temperature+20
	Air outlet valve		3/4"×4, 2"×1	3/4"×4, 2"×1
	Make/Model		ISUZU CI-4JJ1X	ISUZU CI-4JJ1X
	Туре		Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled
ENC	Rated output	PS(kW)/min ⁻¹	114.8(84.4)/2200	114.8(84.4)/2200
ENGINE	Engine oil capacity	L	15	15
	Fuel tank capacity	L	180	180
	Battery		80D26R×2	80D26R×2
	L×W×H	mm	3065×1415×1870	2680×1300×1400
∞ □	Dry (Operating) weight	kg	2045 (2255)	1740 (1950)
WE!	Tire Size		175R13 8PR×4W	175R13 8PR×4W
DIMENSION & WEIGHT	Sound power level in decibels	dB	99	99
٦ž	Sound pressure level	dB[A]	70	70
	Designated emissions regulation		JPN Stage 3	JPN Stage 3

[•] Specifications are subject to change without notice.

Variable Pressure PDS-DP series After-Cooler/Dry-Air







S600SD/F550SD

PDSG900DPC

PDSJ850DPC

			PDS600SD/ F550SD-4C5 Dual Pressure / Trailer	PDSF1000DPC -4C5 Dual Pressure / Trailer	PDSG900DPC -4C5 Dual Pressure / Trailer	PDSH800DPC -4C5 Dual Pressure / Trailer	PDSJ850DPC -4C5 Dual Pressure / Trailer
	Туре			Rotary Twin Screw, Si	ingle-Stage, Oil-cooled	b	Rotary Twin Screw, Two-Stage, Oil-cooled
0	Free air delivery	m ³ /min	17.0/15.6	27.5	24.4	22.1	24.1
COMPRESSOR	Rated operating pressure	MPa[kgf/cm ²][psi]	0.7[7.14][102]/ 1.03[10.5][149]	0.7[7.14][102]/ 1.03[10.5][149]	1.03[10.5][149]/ 1.4[14.3][203]	1.4[14.3][203]/ 1.7[17.4][250]	1.7[17.4][250]/ 2.0[20.4][290]
SSO	Compressor capacity	L	97	110	95	105	98
ž	Discharge Air Temperature	°C	Atmospheric Temperature+40	Atmospheric Temperature+20	Atmospheric Temperature+20	Atmospheric Temperature+20	Atmospheric Temperature+20
	Air outlet valve		3/4"×2, 2"×1, 3/8"×1	3/4"×1, 2"×3	3/4"×1, 2 1/2"×1	3/4"×2, 2"×1	3/4"×1, 2"×1
	Make/Model		ISUZU AI-4HK1X	KOMATSU SAA6D 125E-5-A	KOMATSU SAA6D 125E-5-A	KOMATSU SAA6D 125E-5-A	KOMATSU SAA6D 125E-5-A
EN	Туре		Direct-Injection, Turbo -Charged, Intercooled	Direct-Injection, Turbo -Charged, Intercooled	Direct-Injection, Turbo -Charged, Intercooled	Direct-Injection, Turbo -Charged, Intercooled	Direct-Injection, Turbo -Charged, Intercooled
ENGINE	Rated output	PS(kW)/min ⁻¹	161 (118.6) /2000	356.9 (262.5) / 2200	356.9 (262.5) / 1900	356.9 (262.5) / 1900	356.9 (262.5) / 1900
	Engine oil capacity	L	20.5	41	41	41	41
	Fuel tank capacity	L	310	600	600	600	600
	Battery		130F51×2	170F51×2	170F51×2	170F51×2	170F51×2
	L×W×H	mm	3690×1680×2145	4370×2000×2290	4370×2000×2290	4370×2000×2290	4370×2000×2290
∞ DIN	Dry (Operating) weight		3090 (3470)	5100 (5790)	5050 (5720)	5055 (5730)	5350 (6030)
& WEIGHT	Tire Size	kg	175R13 8PR×4W	7.50-16 14PR×4W	7.50-16 14PR×4W	7.50-16 14PR×4W	7.50-16 14PR×4W
H N	Sound power level in decibels		-	105	103	104	103
	Sound pressure level	dB	_	75.8	73	74	73
	Designated emissions regulation	dB[A]	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3

Variable Pressure PDS-VR series







G750VRS

SG750VRSD

PDSG1400LVR

			PDSG750VRS-4C5 Variable pressure / Trailer	PDSG750VRSD-4C5 Variable pressure / Trailer	PDSG1400LVR-5C5 Dual Pressure / Box		
	Туре		Rotary Twin Screw, Single-Stage, Oil-cooled				
CO	Free air delivery	m ³ /min	25.5~21.2	25.5~21.2	42.5~39.7		
COMPRESSOR	Rated operating pressure	MPa[kgf/cm ²][psi]	0.5[5.1][73]~1.4[14.3][203]	0.5[5.1][73]~1.4[14.3][203]	0.65[6.63][94]~1.4[14.3][203]		
ESS	Compressor capacity	L	82	82	200		
ÖR	Discharge Air Temperature	°C	-	Atmospheric Temperature+20	-		
	Air outlet valve		3/4"×2, 2"×1	3/4"×2, 2"×1	3/4"×1, 3"×1		
	Make/Model		HINO J08E-UK	HINO J08E-UK	KOMATSU SAA6D140E-5-B		
ш	Туре		Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled		
ENGINE	Rated output	PS(kW)/min ⁻¹	268(197)/2100	268(197)/2100	568 (418) /2000		
m	Engine oil capacity	L	28.5	28.5	61		
	Fuel tank capacity	L	400	400	780		
	Battery		170F51×2	170F51×2	170F51×2		
	L×W×H	mm	3820×1730×2325	3820×1730×2325	4750×1950×2050		
~ D	Dry (Operating) weight	kg	3410 (3870)	3580 (4040)	6610 (7530)		
WE!	Tire Size		185R14 8PR×4W	185R14 8PR×4W	-		
DIMENSION & WEIGHT	Sound power level in decibels	dB	102	102	104		
٦ž	Sound pressure level	dB[A]	74	74	78.6		
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3		

Specifications are subject to change without notice.





PDSG900DP PDSG1

			PDS600S/F550S-4C5 Dual Pressure / Trailer	PDSF1000DP-4C5 Dual Pressure / Trailer	PDSG900DP-4C5 Dual Pressure / Trailer	PDSG1400LDP-5C5 Dual Pressure / Box		
	Туре			Rotary Twin Screw, Single-Stage, Oil-cooled				
00	Free air delivery	m ³ /min	17.0/15.6	27.5	24.4	40.3/39.7		
COMPRESSOR	Rated operating pressure	MPa[kgf/cm ²][psi]	0.7[7.14][102]/ 1.03[10.5][149]	0.7[7.14][102]/ 1.03[10.5][149]	1.03[10.5][149]/ 1.4[14.3][203]	1.03[10.5][149]/ 1.5[15.3][220]		
SOR	Compressor capacity	L	97	110	95	200		
	Air outlet valve		3/4"×2, 2"×1, 3/8"×1	3/4"×1, 2"×3	3/4"×1, 2 1/2"×1	3/4"×1, 3"×1		
	Make/Model		ISUZU AI-4HK1X	KOMATSU SAA6D 125E-5-A	KOMATSU SAA6D 125E-5-A	KOMATSU SAA6D140E-5-B		
Ш	Туре		Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled		
ENGINE	Rated output	PS(kW)/min ⁻¹	161 (118.6) /2000	356.9 (262.5) / 2200	356.9 (262.5) / 1900	568 (418) /2000		
m	Engine oil capacity	L	20.5	41	41	61		
	Fuel tank capacity	L	310	600	600	780		
	Battery		130F51×2	170F51×2	170F51×2	170F51×2		
	L×W×H	mm	3690×1680×2145	4370×2000×2290	4370×2000×2290	4750×1950×2050		
∞ □	Dry (Operating) weight	kg	2980 (3350)	4990 (5680)	4950 (5620)	6610 (7530)		
WE!	Tire Size		175R13 8PR×4W	7.50-16 14PR×4W	7.50-16 14PR×4W	-		
DIMENSION & WEIGHT	Sound power level in decibels	dB	-	105	103	104		
٦ž	Sound pressure level	dB[A]	-	75.8	75.5/73.4	78.6		
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3	JPN Stage 3		







PDSH800DP

PDSJ850DP

PDSJ1550DP

			PDSH800DP-4C5 Dual Pressure / Trailer	PDSJ850DP-4C5 Dual Pressure / Trailer	PDSJ1550DP-4C6 Dual Pressure / Trailer
COMPRESSOR	Туре		Rotary Twin Screw, Single-Stage, Oil-cooled	Rotary Twin Screw, Two-Stage, Oil-cooled	
	Free air delivery	m ³ /min	22.1	24.1	43.9/42.5
	Rated operating pressure	MPa[kgf/cm ²][psi]	1.4[14.3][203]/1.7[17.4][250]	1.7[17.4][250]/2.0[20.4][290]	1.7[17.4][250]/2.0[20.4][290]
	Compressor capacity	L	100	98	150
	Air outlet valve		3/4"×2, 2"×1	3/4"×2, 2"×1	3/4"×1, 2"×1
ENGINE	Make/Model		KOMATSU SAA6D 125E-5-A	KOMATSU SAA6D 125E-5-A	KOMATSU SAA6D 140E-5-B
	Type		Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled	Direct-Injection, Turbo-Charged, Intercooled
	Rated output	PS(kW)/min ⁻¹	356.9 (262.5) / 1900	356.9 (262.5) / 1900	568 (418) /2000
	Engine oil capacity	L	41	41	61
	Fuel tank capacity	L	600	600	902
	Battery		170F51×2	170F51×2	225H52×2
DIMENSION & WEIGHT	L×W×H	mm	4370×2000×2290	4370×2000×2290	4900×2100×2500
	Dry (Operating) weight	kg	4955 (5630)	5270 (5940)	7510 (8500)
	Tire Size		7.50-16 14PR×4W	7.50-16 14PR×4W	7.00-15 12PR(i)×4W
	Sound power level in decibels	dB	104	103	104
	Sound pressure level	dB[A]	74	73.5	75
	Designated emissions regulation		JPN Stage 3	JPN Stage 3	JPN Stage 3