

**OUR PLANTS ARE CERTIFIED RECOGNIZED AS
BEING WORTHY OF ISO 9001 / ISO 14001 CERTIFICATION.**

Niigata plant:

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



ISO 9001 : JQA-0581

ISO 14001 : JQA-EM4670

SAFETY

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

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DISTRIBUTOR :

**TWIN SCREW
COMPRESSOR**

AIRMAN®

AKT/O Malaysia

*PORTABLE
SCREW
COMPRESSOR*

PDS SERIES

HOKUETSU INDUSTRIES CO., LTD.

AIRMAN®

AKT/O Malaysia



NEW ASYMMETRIC ROTOR PROFILE

Fully Rationalized Plant

OUR COMMITMENT TO QUALITY, PERFORMANCE
AND DEPENDABILITY IS YOUR ASSURANCE THAT
THE “AIRMAN” COMPRESSORS WILL PROVIDE YEARS
OF PRODUCTIVE. TROUBLE-FREE OPERATION.



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 environment in mind Noise levels are way below EPA requirements and meet all EEC legislative requirements.

PRO ENVIRONMENT (EMISSION)

The efficiency of the AIRMAN unique 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 doms 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, further simplify service. The fuel system of all models (except PDSF830) is equipped with an automatic air bleeder.

TOUGH METAL CONSTRUCTION

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

SHUTDOWN & PROTECTION SYSTEM

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

OPERATOR PROTECTION

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

Portable 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



PDS390S



PDS655S

SPECIFICATIONS

Model	PDS185S-6C2	PDS265S-4B2	PDS390S-4B1	PDS655S-4B2	PDS750S-4B1
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COMPRESSOR

Type	Rotary Twin Screw,Single-Stage,Oil-cooled				
Free Air Delivery m³/min	5.2	7.5	11.0	18.5	21.2
Rated Operating Pressure kg/cm² (PSIG) (kPa)	7(100)(690)	7(100)(690)	7.1(102)(700)	7.1(102)(700)	7.1(102)(700)
Receiver Tank Capacity m³ (US gal)	0.02(5.3)	0.069(18.2)	0.098(25.9)	0.189(50)	0.189(50)
Air Outlets	20A×2pcs	50A×1pc,20A×4pcs	50A×1pc,20A×4pcs	50A×1pc,20A×2pcs,10A×1pc	50A×1pc,20A×2pcs,10A×1pc

ENGINE

Make/Model	YANMAR 4TNV88-BDHS1	YANMAR 4TNV98T-NHK	ISUZU DD-4BG1T	HINO J08C-V	HINO J08C-UT
Type	4 cycle,water cooled, direct injection type	4cycle,water cooled,direct injection type w/turbo charger		4 cycle,water cooled, direct injection type	4 cycle,water cooled, direct injection type w/turbo charger
No.of Cylinder	4	4	4	6	6
Total Displacement cc	2,189	3,318	4,329	7,961	7,961
Rated Output PS (kW) /rpm	49.5(36.4)/3,000	83.2(61.2)/2,500	110(80.9)/2,400	160(118)/2,500	196(144.5)/2,100
Fuel Tank Capacity Liters (US gal)	90(23.8)	115(30.4)	180(47.6)	270(71.3)	310(81.9)
Lubrication Oil Capacity Liters (US gal)	7.4(2.0)	10.5(2.8)	13(3.4)	23(6.1)	23(6.1)

DIMENTION & WEIGHT

Overall Length mm (inch)	2,960(117)	2,980(117.3)	3,875(152.6)	3,650(143.7)	3,650(143.7)
Overall Width mm (inch)	1,650(65)	1,630(64.2)	1,800(70.8)	1,685(66.3)	1,685(66.3)
Overall Height mm (inch)	1,510(59.4)	1,715(67.5)	1,770(69.7)	2,125(83.7)	2,125(83.7)
Weight (Dry) kg (lb)	860(1,896)	1,320(2,910)	1,825(4,023)	2,885(6,360)	2,985(6,581)
Weight (Wet) kg (lb)	960(2,116)	1,460(3,219)	2,040(4,497)	3,335(7,351)	3,335(7,351)
Tire Size	175R13 8PR×2W	6.50-14 8PR×2W	6.50-14 8PR×2W	6.50-14 8PR×4W	6.50-14 8PR×4W

●A non-silenced type is available.
●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.

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



PDS390S

SPECIFICATIONS

Model	PDS55S-5C1	PDS75S-5C1	PDS100S-5C1	PDS130S-5C3	PDS185S-5C5	PDS265S-5B2	PDS390S-5B1
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COMPRESSOR

Type	Rotary Twin Screw,Single-Stage,Oil-cooled						
Free Air Delivery m³/min	1.6	2.1	2.8	3.7	5.2	7.5	11.0
Rated Operating Pressure kg/cm² (PSIG) (kPa)	7(100)(690)	7(100)(690)	7(100)(690)	7(100)(690)	7(100)(690)	7(100)(690)	7.1(102)(700)
Receiver Tank Capacity m³ (US gal)	0.017(4.5)	0.02(5.3)	0.02(5.3)	0.02(5.3)	0.02(5.3)	0.069(18.2)	0.098(25.9)
Air Outlets	10A×1pc,20A×1pc	20A×2pcs	20A×2pcs	20A×2pcs	20A×3pcs	50A×1pc,20A×4pcs	50A×1pc,20A×4pcs

ENGINE

Make/Model	IHI SHIBAURA E673L-D	IHI SHIBAURA S753-D	IHI SHIBAURA S773L-D	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDXHKS	YANMAR 4TNV98T-NHK	ISUZU DD-4BG1T
Type	4 cycle,water cooled,swirl-chamber type			4 cycle,water cooled,direct injection type			
No.of Cylinder	3	3	3	3	4	4	4
Total Displacement cc	761	954	1,131	1,642	2,189	3,319	4,329
Rated Output PS (kW) /rpm	14(10.5)/3,200	20.7(15.2)/3,500	25.8(19)/3,500	36.5(26.9)/3,000	47.5(34.9)/3,000	83.2(61.2)/2,500	110(80.9)/2,400
Fuel Tank Capacity Liters (US gal)	18(4.8)	28(7.9)	28(7.9)	70(18.5)	90(23.8)	115(30.4)	180(47.5)
Lubrication Oil Capacity Liters (US gal)	3.5(0.9)	4.2(1.1)	4.5(1.2)	6.7(1.8)	7.4(2.0)	10.5(2.8)	13(3.4)

DIMENTION & WEIGHT

Overall Length mm (inch)	1,420(55.9)	1,580(62.2)	1,580(62.2)	1,700(66.9)	1,970(77.6)	2,050(80.7)	2,600(102.4)
Overall Width mm (inch)	720(28.3)	750(29.5)	750(29.5)	890(35.0)	950(37.4)	1,200(47.2)	1,300(51.2)
Overall Height mm (inch)	820(32.3)	865(34.1)	865(34.1)	1,080(42.5)	1,080(42.5)	1,250(49.2)	1,400(55.1)
Weight (Dry) kg (lb)	320(705)	425(937)	435(959)	640(1,410)	755(1,631)	1,140(2,513)	1,655(3,648)
Weight (Wet) kg (lb)	350(772)	465(1,025)	475(1,047)	720(1,587)	850(1,874)	1,280(2,821)	1,870(4,122)

●Specifications are subject to change without notice.

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



PDS100SC



PDS130SC



PDS265SC
[Box type]



PDS265SC
[Trailer type]



PDS390SC
[Box type]

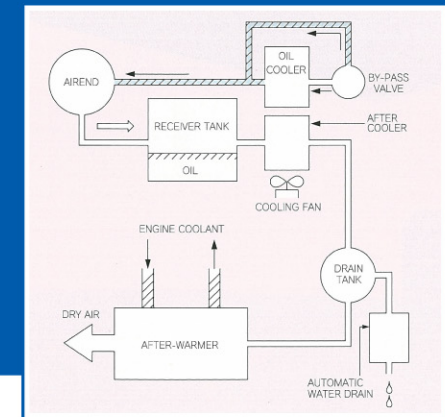
Dry-Air Series

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	PDS75SC-5C1 [Box] After-Cooler	PDS100SC-5C1 [Box] After-Cooler	PDS130SC-5C3 [Box] After-Cooler	PDS185SC-5C5 [Box] After-Cooler	PDS265SC-5B2 [Box] After-Cooler
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AKT/O Malaysia

COMPRESSOR

Type	Rotary Twin Screw, Single-Stage, Oil-cooled				
Free Air Delivery m ³ /min	2.1	2.8	3.7	5.2	7.5
Rated Operating Pressure kg/cm ² (PSIG) (kPa)	7(100)(690)	7(100)(690)	7(100)(690)	7(100)(690)	7(100)(690)
Receiver Tank Capacity m ³ (US gal)	0.02(5.3)	0.02(5.3)	0.02(5.3)	0.02(5.3)	0.069(18.2)
Discharger Air Temperature	Atmospheric Temperature +20°C				
Air Outlets	20A×2pcs	20A×2pcs	20A×2pcs	20A×3pcs	50A×1pc, 20A×4pcs

ENGINE

Make/Model	IHI SHIBAURA S753-D	IHI SHIBAURA S733L-D	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDXHKS	YANMAR 4TNV98T-NHK
Type	4 cycle, water cooled, swirl-chamber type		4 cycle, water cooled, direct injection type		4 cycle, water cooled, direct injection type w/ turbo charger
No. of Cylinder	3	3	3	4	4
Total Displacement cc	954	1,131	1,642	2,189	3,319
Rated Output PS(kW)/rpm	20.7(15.2)/3,500	25.8(19)/3,500	36.5(26.9)/3,000	47.5(34.9)/3,000	83.2(61.2)/2,500
Fuel Tank Capacity Liters(US gal)	28(7.9)	28(7.9)	70(18.5)	90(23.8)	115(30.4)
Lubrication Oil Capacity Liters(US gal)	4.2(1.1)	4.5(1.2)	6.7(1.8)	7.4(2.0)	10.5(2.8)

DIMENTION & WEIGHT

Overall Length mm(inch)	1,580(62.2)	1,580(62.2)	1,700(66.9)	1,970(77.6)	2,050(80.7)
Overall Width mm(inch)	750(29.5)	750(29.5)	890(35.0)	950(37.4)	1,200(47.2)
Overall Height mm(inch)	865(34.1)	865(34.1)	1,080(42.5)	1,080(42.5)	1,250(49.2)
Weight(Dry) kg(lb)	435(959)	445(981)	650(1,433)	755(1,631)	1,180(2,601)
Weight(Wet) kg(lb)	475(1,047)	485(1,069)	730(1,609)	850(1,874)	1,320(2,910)
Tire Size	—	—	—	—	—

●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 and PDS390SC/SD.

SPECIFICATIONS

Model	PDS265SC-4B2 [Trailer] After-Cooler	PDS390SC-5B1 [Box] After-Cooler	PDS390SC-4B1 [Trailer] After-Cooler	PDS390SD-5B1 [Box] Dry-Air	PDS390SD-4B1 [Trailer] Dry-Air	PDS655SD-4B2 [Trailer] Dry-Air
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Type	Rotary Twin Screw, Single-Stage, Oil-cooled				
Free Air Delivery m ³ /min	7.5	11.0	11.0	11.0	11.0
Rated Operating Pressure kg/cm ² (PSIG) (kPa)	7(100)(690)	7.1(102)(700)	7.1(102)(700)	7.1(102)(700)	7.1(102)(700)
Receiver Tank Capacity m ³ (US gal)	0.069(18.2)	0.098(25.9)	0.098(25.9)	0.098(25.9)	0.098(25.9)
Discharger Air Temperature	Atmospheric Temperature +20°C			Atmospheric Temperature +40°C	
Air Outlets	50A×1pc, 20A×4pcs	50A×1pc, 20A×4pcs	50A×1pc, 20A×4pcs	50A×1pc, 20A×4pcs	50A×1pc, 20A×4pcs

Make/Model	YANMAR 4TNV98T-NHK	ISUZU DD-4BG1T	ISUZU DD-4BG1T	ISUZU DD-4BG1T	ISUZU DD-4BG1T	HINO JO8C-V
Type	4 cycle, water cooled, direct injection type w/ turbo charger		4 cycle, water cooled, direct injection type w/ turbo charger		4 cycle, water cooled, direct injection type	
No. of Cylinder	4	4	4	4	4	6
Total Displacement cc	3,319	4,329	4,329	4,329	4,329	7,961
Rated Output PS(kW)/rpm	83.2(61.2)/2,500	110(80.9)/2,400	110(80.9)/2,400	110(80.9)/2,400	110(80.9)/2,400	160(118)/2,500
Fuel Tank Capacity Liters(US gal)	115(30.4)	180(47.6)	180(47.6)	180(47.6)	180(47.6)	270(71.3)
Lubrication Oil Capacity Liters(US gal)	10.5(2.8)	13(3.4)	13(3.4)	13(3.4)	13(3.4)	23(6.1)

Overall Length mm(inch)	2,980(117.3)	2,600(102.4)	3,875(152.6)	2,790(109.8)	3,875(152.6)	3,650(143.7)
Overall Width mm(inch)	1,630(64.2)	1,300(51.2)	1,800(70.9)	1,300(51.2)	1,800(70.9)	1,685(66.3)
Overall Height mm(inch)	1,715(67.5)	1,400(55.1)	1,770(69.7)	1,400(55.1)	1,770(69.7)	2,125(83.7)
Weight(Dry) kg(lb)	1,320(2,910)	1,710(3,770)	1,880(4,144)	1,765(3,891)	1,935(4,265)	3,390(7,472)
Weight(Wet) kg(lb)	1,460(3,219)	1,925(4,244)	2,095(4,618)	1,980(4,365)	2,150(4,739)	3,730(8,222)
Tire Size	6.50-14 8PR×2W	—	6.50-14 8PR×2W	—	6.50-14 8PR×2W	6.50-14 8PR×4W

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



PDSF830S



PDSF750S



PDS390S-F



PDSF530S



PDSF920S



PDSG750S

SPECIFICATIONS

Model	PDSE900S-4B1 [Trailer]	PDSF75S-5C1 [Box]	PDSF100S-5C3 [Box]	PDSF140S-5C3 [Box]	PDS390S-5B1F [Box]	PDS390S-4B1F [Trailer]
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COMPRESSOR

Type	Rotary Twin Screw, Single-Stage, Oil-cooled					
Free Air Delivery m³/min	25.0	2.05	2.8	4.0	8.9	8.9
Rated Operating Pressure kg/cm² (PSIG) (kPa)	8.8(125)(863)	9.8(140)(960)	10.5(150)(1,030)	10.5(150)(1,030)	10.5(150)(1,030)	10.5(150)(1,030)
Receiver Tank Capacity m³ (US gal)	0.248(65.7)	0.02(5.3)	0.02(5.3)	0.02(5.3)	0.098(25.9)	0.098(25.9)
Air Outlets	50A×2pcs, 20A×1pc	20A x 2pcs	20A x 2pcs	20A x 3pcs	50A×1pc, 20A×4pcs	50A×1pc, 20A×4pcs

ENGINE

Make/Model	MITSUBISHI 6D24-TE1	IHI SHIBaura S773L-D	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDHS-1	ISUZU DD-4BG1T	ISUZU DD-4BG1T
Type	4 cycle, water cooled, direct injection type w/ turbo charger	4 cycle, water cooled, swirl-chamber type	4 cycle, water cooled, direct injection type		4 cycle, water cooled, direct injection type w/ turbo charger	
No. of Cylinder	6	3	3	4	4	4
Total Displacement cc	11,940	1,131	1,642	2,189	4,329	4,329
Rated Output PS (kW) / rpm	280(206) / 2,200	25.8(19) / 3,500	36.5(26.9) / 3,000	47.5(34.9) / 3,000	110(80.9) / 2,400	110(80.9) / 2,400
Fuel Tank Capacity Liters (US gal)	400(105.7)	28(7.9)	70(18.5)	90(23.8)	180(47.6)	182(48.1)
Lubrication Oil Capacity Liters (US gal)	54(14.3)	4.5(1.2)	6.7(1.8)	7.4(2.0)	13(3.4)	13(3.4)

DIMENTION & WEIGHT

Overall Length mm (inch)	4,000(157.5)	1,580(62.2)	1,700(66.9)	1,970(77.6)	2,600(102.4)	3,875(152.7)
Overall Width mm (inch)	1,900(74.8)	750(29.5)	890(35.0)	950(37.4)	1,300(51.2)	1,800(55.1)
Overall Height mm (inch)	2,150(84.6)	865(34.1)	1,080(42.5)	1,080(42.5)	1,400(55.1)	1,780(70.1)
Weight (Dry) kg (lb)	4,100(9,039)	440(970)	640(1,410)	740(1,631)	1,635(3,605)	1,845(4,067)
Weight (Wet) kg (lb)	4,600(10,141)	480(1,058)	720(1,587)	840(1,852)	1,850(4,079)	2,060(4,542)
Tire Size	6.50-14 8PR×4W	—	—	—	—	6.50-14 8PR×2W

●The parking brake is included as standard equipment except model PDS390S. An overrun brake is available as option.
●Specifications are subject to change without notice.

SPECIFICATIONS

PDSF530S-4B2 [Trailer]	PDSF750S-4B3 [Trailer]	PDSF830S-4B1 [Trailer]	PDSF920S-4B3 [Trailer]	PDSG460S-4B2 [Trailer]	PDSG750S-4B1 [Trailer]	PDSF920S/G820S-4B1 [Trailer]
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Rotary Twin Screw, Single-Stage, Oil-cooled						
15.0	21.2	23.5	26.0	12.5	21.2	26.0/23.2
10.7(152)(1,050)	10.5(150)(1,030)	10.5(150)(1,030)	10.5(150)(1,030)	13(185)(1,275)	13(185)(1,275)	10.5/13
0.189(50)	0.155(41)	0.248(65.7)	0.255(67.3)	0.189(50)	0.248(65.7)	0.258(68.5)
50A×1pc, 20A×2pcs, 10A×1pc	50A×2pcs, 20A×1pc	50A×2pcs, 20A×1pc	50A×3pcs, 20A×1pc	50A×1pc, 20A×2pcs, 10A×1pc	50A×2pcs, 20A×1pc	50A×1pc, 20A×1pc

HINO JO8C-V	ISUZU 6HK1X	MITSUBISHI 6D24-TE1	MITSUBISHI 6D24-TLE2A	HINO JO8C-V	MITSUBISHI 6D24-TE1	MITSUBISHI 6D24-TLE2A
4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection type w/ turbo charger	4 cycle, water cooled, direct injection type w/ turbo charger	4 cycle, water cooled, direct injection type w/ turbo charger	4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection type w/ turbo charger	4 cycle, water cooled, direct injection type w/ turbo charger with intercooler
6	6	6	6	6	6	6
7,961	7,790	11,940	11,940	7,961	11,940	11,940
160(118)/2,500	247.6(182.1)/2,000	280(206)/2,200	324(238)/2,200	160(118)/2,500	280(206)/2,200	324/320(238/235)/2,200/2,000
270(71.3)	300(79.3)	400(105.7)	400(105.7)	270(71.3)	400(105.7)	555(146.6)
23(6.1)	44(11.6)	54(14.3)	49(12.9)	23(6.1)	54(14.3)	49(12.9)

3,650(143.7)	4,095(161.2)	4,000(157.5)	4,250(167.3)	3,650(143.7)	4,000(157.5)	4,300(169.3)
1,685(66.3)	2,150(84.7)	1,900(74.8)	1,900(74.8)	1,685(66.3)	1,900(74.8)	2,000(78.7)
2,125(83.7)	2,130(83.9)	2,150(84.6)	2,150(84.6)	2,070(81.5)	2,150(84.6)	2,545(100.2)
2,890(6,371)	3,210(7,077)	4,100(9,039)	4,250(9,370)	2,890(6,371)	4,100(9,039)	4,820(10,627)
3,230(7,120)	3,570(7,870)	4,600(10,141)	4,750(10,470)	3,230(7,120)	4,600(10,141)	5,470(12,060)
6.50-14 8PR×4W	8.25-16 14PR×2W	6.50-14 8PR×4W	6.50-14 8PR×4W	6.50-14 8PR×4W	6.50-14 8PR×4W	7.50-16 14PR×4w

High Pressure Series



PDSG1300S



PDSJ750S



PDSH850S



PDSH850S_J750S



PDSK1200S



PDSK900S



PDSF140SC

After-Cooler Series

SPECIFICATIONS

Model	PDSG1300S-5B1 [Box]	PDSH850S-4B2 [Trailer]	PDSH850S/J750S-4B1 [Trailer]	PDSJ750S-4B2 [Trailer]	PDSK900S-402 [Trailer]	AKT/O Malaysia		PDSK900S-422 [Skid]	PDSK1200S-4C1 [Trailer]	PDSF75SC-5C1 [Box] After-Cooler	PDSF100SC-5C3 [Box] After-Cooler	PDSF140SC-5C3 [Box] After-Cooler	PDSF920SC-4B3 [Trailer] After-Cooler
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COMPRESSOR

Type	Rotary Twin Screw, Single-Stage,Oil-cooled	Rotary Twin Screw,Two-Stage,Oil-cooled			
Free Air Delivery m³/min	36.0	24.0	24.0/21.2	21.2	25.5
Rated Operating Pressure kg/cm²(PSIG) (kPa)	13(185)(1,275)	17.5(250)(1,715)	17.5/21.1 (250/300)(1,715/2,070)	21.1(300)(2,070)	24.6(350)(2,410)
Receiver Tank Capacity m³(US gal)	0.532(140.7)	0.168(44.4)	0.168(44.4)	0.168(44.4)	0.219(57.9)
Air Outlets	80A×1pc	50A×1pc , 20A×1pc	50A×1pc , 20A×1pc	50A×1pc , 20A×1pc	50A×1pc , 20A×1pc

ENGINE

Make/Model	mitsubishi S6B3-PTA	MITSUBISHI 6D24-TC	MITSUBISHI 6D24-TLE2A	MITSUBISHI 6D24-TC	MITSUBISHI S6B3-PTA
Type	4 cycle,water cooled,direct injection type w/turbo charger with inter-cooler				
No.of Cylinder	6	6	6	6	6
Total Displacement cc	14,600	11,940	11,940	11,940	14,600
Rated Output PS(kW) /rpm	465(342)/1,800	310(228/2,200)	324/320(238/235) /2,200/2,000	310(228)/2,200	445(327.3)/1,800
Fuel Tank Capacity Liters(US gal)	700(184.9)	555(146.6)	555(146.6)	555(146.6)	710(187.6)
Lubrication Oil Capacity Liters(US gal)	80(21.1)	49(12.9)	49(12.9)	49(12.9)	85(22.5)

DIMENTION & WEIGHT

Overall Length mm(inch)	4,650(183.1)	4,350(171.3)	4,350(171.3)	4,350(171.3)	4,670(183.9)
Overall Width mm(inch)	1,870(73.6)	1,900(74.8)	2,000(78.7)	1,900(74.8)	2,100(82.7)
Overall Height mm(inch)	2,050(80.7)	2,350(92.5)	2,465(97)	2,350(92.5)	2,200(86.6)
Weight (Dry)kg(lb)	7,100(15,653)	5,050(11,133)	5,220(11,508)	5,050(11,133)	6,470(14,263)
Weight (Wet)kg(lb)	8,000(17,673)	5,650(12,456)	5,820(12,830)	5,650(12,456)	7,300(16,094)
Tire Size	—	7.50-16 14PR×4W	7.50-16 14PR×4W	7.50-16 14PR×4W	7.50-16 14PR×4W

●The parking brake is included as standard equipment except model PDS390S. An overrun brake is available as option.
●Specifications are subject to change without notice.

Rotary Twin Screw,Two-Stage,Oil-cooled		Rotary Twin Screw,Single-Stage,Oil-cooled			
25.5	34.0	2.05	2.8	4.0	26.0
24.6(350)(2,410)	24.9(355)(2,450)	9.8(140)(960)	10.5(150)(1,030)	10.5(150)(1,030)	10.5(150)(1,030)
0.219(57.9)	0.321(84.8)	0.02(5.3)	0.02(5.3)	0.02(5.3)	0.255(67.3)
50A×1pcs , 20A×1pc	90A×1pc , 20A×1pc	20A x 2pcs	20A x 2pcs	20A x 3pcs	50A×2pcs,20A×1pc

MITSUBISHI S6B3-PTA	Caterpillar C15	IHI SHIBAURA S773L-D	YANMAR 3TNV88-BDHK	YANMAR 4TNV88-BDHKS	MITSUBISHI 6D24-TLE2A
4 cycle,water cooled,direct injection type w/turbo charger with inter-cooler		4 cycle,water cooled, swirl-chamber type	4 cycle,water cooled,direct injection type		4 cycle,water cooled, direct injection type w/turbo charger
6	6	3	3	4	6
14,600	15,200	1,131	1,642	2,189	11,940
445(327.3)/1,800	547(403)/1,800	25.8(19)/3,500	26.9(19.8)/3,000	47.5(34.9)/3,000	324(238)/2,200
710(161.2)	874(232.9)	28(7.9)	70(18.5)	90(23.8)	400(105.7)
85(22.5)	61(16.1)	4.5(1.2)	6.7(1.8)	7.4(2.0)	45(11.9)

4,350(171.3)	5,600(220.5)	1,580(62.2)	1,700(66.9)	1,970(77.6)	4,250(167.3)
2,100(82.7)	2,110(83.1)	750(29.5)	890(35.0)	950(37.4)	1,900(74.8)
2,195(86.3)	2,500(98.4)	865(34.1)	1,080(42.5)	1,080(42.5)	2,150(84.6)
6,170(13,602)	7,800(17,195)	440(970)	650(1,433)	750(1,653)	4,300(9,480)
7,000(15,432)	8,800(19,400)	480(1,058)	730(1,609)	850(1,874)	4,800(10,582)
—	7.50-15 12PR×4W	—	—	—	6.50-14 8PR×4W