



Compressors
Generators
Scissor Lifts

AIRMAN PRODUCTS

More Options, Better Solutions

BOX TYPE

The Airman box type compressor has been specifically designed so that it can be mounted easily on vehicles and for operating or storing in limited space.

This makes it the perfect compressor for dynamic workplaces or businesses.

The Airman box type compressor is extremely popular with mining contractors and mine maintenance teams who prefer to truck mount their compressors.

• CONVENIENT ACCESS AND STORAGE

Daily maintenance can be easily completed via the cabinet style doors mounted on the side of Airman compressors. These allow easy access for mechanics and easy one-side operation.

• MAINTENANCE MADE EASIER AND FASTER

Side-by-side radiator and oil cooler makes the Airman compressor easier to clean and more efficient. Quick change air and oil filters together with cartridge-type fuel filter enable service time and costs to be kept to a minimum. No tools are required due to hand operated compressor oil and fuel drains. All machine fluids are removed from the outside of the machine.

• FUEL ECONOMY

With today's rising fuel prices, it helps to have a compressor that produces air with maximum fuel efficiency.

• GREATER FUEL TANK CAPACITY

The Airman machine has a larger fuel tank for longer run time between refills.



The Airman box type compressor: quiet, efficient and portable.

One of the world's largest manufacturers of diesel compressors, Airman's superior engineering is well suited to Australia's climatic conditions.



BOX TYPE						
MODEL		PDS55S-5C1	PDS75S-5C1 Available with aftercooler	PDSF75S-5C1 Available with aftercooler	PDS100S-5C1 Available with aftercooler	PDS130S-5C3 Available with aftercooler
COMPRESSOR						
Free Air Delivery	cfm	55	75	75	100	130
Working Pressure	psi	120	120	145	120	120
Max Working Pressure	psi	120	120	145	120	120
Comp. Oil Capacity	l	8	11	11	11	14
ENGINE						
Makes & Model		ShibauraE673L-D	Shibaura S753-D	Shibaura E773L-D	Shibaura E773L-D	Yanmar 3TNV88-BDHK
Type		4 cycle, water cooled, swirl chamber type	4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection type
No. of Cylinders		3	3	3	3	3
Displacement	cc	761	954	1,131	1,131	1,642
Output	PS (kW)	10.5	15.2	19	19	26.5
Speed at Max Power	rpm	3,200	3,500	3,500	3,500	3,000
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel
Fuel Tank Capacity	l	18	28	28	28	70
Lubricating Oil Capacity	l	3	4.5	4.8	4.8	6.7
Coolant Capacity	l	4	4.3	4.5	4.5	4.5
Battery	v	12	12	12	12	12
DIMENSIONS						
Length	mm	1,420	1,580	1,580	1,580	1,700
Width	mm	720	750	750	750	890
Height	mm	820	865	865	865	1,080
Net Dry Weight	kg	320	425	435	435	650
Operating Weight	kg	350	465	475	475	730
Air Outlets		1 x 3/4 BSP	2 x 3/4 BSP	2 x 3/4 BSP	2 x 3/4 BSP	2 x 3/4 BSP
NOISE LEVEL						
Noise Level at 7m	dB(A)	66	64	66	66	67

BOX TYPE						
PDSF140S-5C3	PDS175S-5C3 Available with aftercooler	PDS185S-5C2	PDS265S-5B2 Available with aftercooler	PDS390S-5B1 Available with aftercooler	PDSF390S-5B1 Available with aftercooler	
140	175	185	265	400	310	
150	120	120	120	120	150	
150	120	120	120	120	150	
15	15	15	30	50	50	
Yanmar 4TNV88	Yanmar 4TNV88	Yanmar 4TNV88	Yanmar 4TNV98T-NHK	Isuzu DD-4BG1-T	Isuzu DD-4BG1-T	
4 stroke, water cooled, direct injection type	4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection with turbo charger	4 cycle, water cooled, direct injection with turbo charger	4 cycle, water cooled, direct injection with turbo charger	
4	4	4	4	4	4	
2,189	2,189	2,189	3,319	4,390	4,329	
35	35	33.5	62	80.9	80.9	
3,000	3,000	3,000	2,500	2,400	2,400	
Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	
90	90	95	115	182	182	
7.4	7.4	7.4	10.5	13	13	
5.8	5.8	9.5	10	13	13	
12	12	12	12	24	24	
1,850	1,850	2,000	2,050	2,600	2,600	
950	950	838	1,200	1,300	1,300	
1,080	1,080	1,150	1,250	1,400	1,400	
740	740	750	1,150	1,635	1,655	
840	840	860	1,290	1,850	1,870	
3 x 3/4 BSP	3 x 3/4 BSP	2 x 3/4 BSP	1 x 2", 3 x 3/4 BSP	1 x 2", 4 x 3/4 BSP	1 x 2", 4 x 3/4 BSP	
67	67	69	69	69	68	

TRAILER MOUNTED

Airman compressors are made to the highest standards to deliver reliable air power wherever it is required.

Locally manufactured trailers are only used, which ensure full compliance with Australian standards.

Gull wing style doors allow easy one-hand operation. Large, lockable doors with gas struts virtually lift themselves for easy access to tool storage and service components.*

HEAVY DUTY AUSTRALIAN UNDERCARRIAGE AND DRAWBAR

These are fitted as standard to all trailer-type Airman compressors. Far surpassing all Australian road safety guidelines, you'll be guaranteed your machine can withstand all types of rough road conditions.

ENVIRONMENT

Airman compressors have a low noise level as low as 65 dB(A) at 7 metres when idling.

OPTIONAL

- Aftercooler and water separator to provide quality downstream compressed air.
- Environmental containment base to prevent any machine liquid spillage.



The Airman trailer mounted: quiet, efficient and portable.

Airman's superior engineering is well suited to Australia's climatic conditions.

MAINTENANCE MADE EASIER AND FASTER

- Side-by-side radiator and oil cooler makes the Airman compressor easier to clean and more efficient.
- All machine liquids are removed from the outside of the machine.
- All maintenance areas are designed for ease of inspection, maintenance and repairs.
- No tools required due to hand operated compressor oil and fuel drains.
- Water and engine oil are removed from the outside of the machine.



TRAILER MOUNTED						
MODEL		PDS100S-6B4-T	PDS130S-6B4-T	PDS185S-6C2-T	PDS265S-5B2-T	PDS400S-6B1-T
ALL AVAILABLE WITH AFTERCOOLER AND ENVIRONMENTAL CONTAINMENT BASE						
COMPRESSOR						
Free Air Delivery	cfm	100	130	185	265	400
Working Pressure	psi	120	120	120	120	120
Max Working Pressure	psi	120	120	120	120	120
Comp. Oil Capacity	l	14	14	15	30	51
ENGINE						
Makes & Model		ShilbauraS773L-C	Shilbaura N843L-C	Yanmar 4TNV88	Yanmar 4TNV98T-NHK	Isuzu DD-4BG1-T
Type		4 cycle, water cooled, pre chamber type	4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection type with turbo charger	4 cycle, water cooled, direct injection type with turbo charger
No. of Cylinders		3	3	4	4	4
Displacement	cc	1,131	1,662	2,189	3,319	4,329
Output	PS (kW)	20.2	28	36.4	61.2	80.9
Speed at Max Power	rpm	3,425	3,000	3,000	2,500	2,400
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel
Fuel Tank Capacity	l	70	70	90	115	165
Lubricating Oil Capacity	l	4.9	6	7.4	10.5	13
Coolant Capacity	l	4.5	6.5	5.8	10	13
Battery	v	12	12	12	12	24
DIMENSIONS						
Length	mm	2,680	2,680	2,980	3,090	3,600
Width	mm	1,450	1,450	1,635	1,680	1,975
Height	mm	1,395	1,395	1,430	1,750	1,720
Net Dry Weight	kg	790	880	910	1,320	1,820
Operating Weight	kg	865	960	1,010	1,460	1,985
Air Outlets		2 x 3/4 BSP	2 x 3/4 BSP	2 x 3/4 BSP	1 x 2, 3 x 3/4 BSP	1 x 1 1/4, 2 x 3/4 BSP
NOISE LEVEL						
Noise Level at 7m	dB(A)	68	70	70	69	74

FEATURES

- Australian manufactured heavy duty undercarriage incorporating 'A' frame draw bar leaf spring running gear to provide smooth and stable towing (Heavy duty torsion type on PDS400S-6B1-T).
- Australian compliant LED multi voltage lights.
- Conveniently located rear service valves Valves and diagnostic / gauge panel is standard.
- Easy access to filters and exterior drains reduces service time and costs.
- Solid steel gull wing design.*
- Powder coated with stainless steel hardware and sound attenuated.
- Large lockable compartments.
- Large efficient airend.
- Fast change separator filter (PDS100S, PDS130S & PDS185S).

*PDS265S has cabinet style doors



LARGE MOBILE

Developed for those who need large amounts of reliable compressed air in demanding environments

CONVENIENT ACCESS AND STORAGE

Key on and quick glow system shortens preheating time and offers superior cold weather starting.

Fuel tanks in the range span from 270 to a huge 700 litre capacity for long run times between refills.



LARGE AIRMAN MOBILE COMPRESSORS

- Comprehensive control panel.
- Easy start/stop system.
- Auto safety shutdown system for engine and compression function.

OPTIONS - TO SUIT MOST MODELS

- Aftercooler and water separator.
- Environmental containment bases.
- Lockable battery isolator.
- Emergency stop button.
- Fire extinguisher or FS system.

LARGE MOBILE								
MODEL		PDSG460S-4B2	PDSF530S-4B2	PDSG655S-4B2	PDS750S-4B1	PDSG750S-4B1	PDSJ750S-4B2	PDSF830S-4B1
COMPRESSOR								
Free Air Delivery	cfm	460	530	655	750	750	750	830
Working Pressure	psi	185	150	120	120	185	300	150
Comp. Oil Capacity	l	80	80	80	80	110	90	105
ENGINE								
Makes & Model		Hino JO8C-V	Hino JO8C-V	Hino JO8C-V	Hino JO8C-UT	Mitsubishi6D24-TE1	Mitsubishi 6D24-TE1	Mitsubishi6D24-TE1
Type		4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection type	4 cycle, water cooled, direct injection type	4cycle,watercooled, directinjectiontype, turbo charged	4cycle,watercooled, directinjectiontype, turbo charged with intercooler	4 cycle, water cooled, direct injection type, turbo charged with intercooler
No. of Cylinders		6	6	6	6	6	6	6
Displacement	cc	7,961	7,961	7,961	7,961	11,940	11,940	11,940
Output	PS (kW)	118	118	118	145	206	228	206
Speed at Max Power	rpm	2,500	2,500	2,500	2,100	2,200	2,200	2,200
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel Tank Capacity	l	270	270	270	310	400	556	400
Lubricating Oil Capacity	l	23	23	23	23	45	49	45
Coolant Capacity	l	29	29	29	29	56	41	45
Battery	v	24	24	24	24	24	24	24
DIMENSIONS								
Length	mm	3,650	3,650	3,650	3,650	4,000	4,350	4,000
Width	mm	1,685	1,685	1,685	1,685	1,900	1,900	1,900
Height	mm	2,070	2,070	2,070	2,070	2,150	2,380	2,150
Net Dry Weight	kg	2,890	2,890	2,885	2,950	4,100	5,050	4,100
Operating Weight	kg	3,230	3,230	3,225	3,335	4,600	5,650	4,600
Air Outlets		1 x 2, 2 x 3/4 BSP	1 x 2, 2 x 3/4 BSP	1 x 2, 2 x 3/4 BSP	1 x 2, 2 x 3/4 BSP	1 x 2, 2 x 3/4 BSP	1 x 2, 1 x 3/4 BSP	1 x 2, 2 x 3/4 BSP
NOISE LEVEL								
Noise Level at 7m	dB(A)	73	73	73	73	75	76	75

AIRMAN HIGH PRESSURE COMPRESSORS

Airman high pressure compressors offer a heavy-duty robust construction, combined with renowned Japanese quality and reliability.

Ranging in output from 460 to 1,300 cfm with pressures from 125 to 350 psi, our machines are available in a number of different output combinations to suit your specific application.

Our high pressure units are widely used in the concrete spraying, heavy construction and drilling industries.

Especially ideal for the drilling industry is the new 1200 cfm x 350 psi model PDSK1200S-4C1 portable air compressor.



LARGE MOBILE						
PDSE900S-4B1	PDSF920/G820S-4B1 Variable flow/press	PDSH850/J750S-4B1 Variable flow/press	PDSK900S-422	PDSJ1000-402	PDSK1200S-4C1	PDSG1300S-5B1
883	920/820	850/750	900	1,000	1,200	1,271
125	150/185	250/300	350	300	350	185/150
105	120	120	120	120	190	220
Mitsubishi6D24-TE1	Mitsubishi6D24-TLE2A	Mitsubishi6D24-TLE2A	Mitsubishi S6B3-PTA	Mitsubishi S6B3-PTA	Caterpillar C15	Mitsubishi S6B3-PTA
4cycle,watercooled, directinjectiontype, turbo charged with intercooler	4 cycle, water cooled, direct injection type, turbo charged	4 cycle, water cooled, direct injection type, turbo charged with intercooler	4 cycle, water cooled, direct injection type, turbo charged with intercooler	4 cycle, water cooled, direct injection type, turbo charged with intercooler	4 cycle, water cooled, direct injection type, turbo charged with intercooler	4 cycle, water cooled, direct injection type, turbo charged with intercooler
6	6	6	6	6	6	6
11,945	11,940	11,940	14,600	14,600	15,000	14,600
206	238/235	238/235	327.3	327.3	403	342
2,200	2,200/2,000	2,200/2,000	1,800	1,800	1,800	1,800
Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
400	555	555	610	610	886	700
45	49	49	85	85	61	80
45	45	45	70	70	55	55
24	24	24	24	24	24 (225H52 x2)	24
4,000	4,350	4,350	4,350	4,350	5,250	4,650
1,900	2,000	2,000	2,100	2,100	2,110	1,870
2,150	2,445	2,445	2,200	2,200	2,500	2,050
4,100	4,650	5,050	6,550	6,550	7,800	7,100
4,600	5,300	5,650	7,300	7,300	8,800	8,000
1 x 2, 1 x 3/4 BSP	1 x 2, 1 x 3/4 BSP	1 x 2, 1 x 3/4 BSP	1 x 2, 1 x 3/4 BSP	1 x 2, 1 x 3/4 BSP	1 x 3 BSP	1 x 3 BSP
75	75	75	76	76	81	76

GENERATORS

The Airman Environmental range are unlike other generators used in the rental industry. They offer “extra quiet” operation under load, and the large fuel tank ensures an exceptional operational run-time.



COMPLETE RELIABILITY

- All-weather construction.
- Easy machine start-up in low temperature conditions.
- Basic ongoing maintenance requirements.
- Comprehensive warning lamp and emergency stop safety system.
- Designed, engineered and manufactured in Japan for complete reliability.
- Large capacity fuel tank is equipped under the base frame as standard (fully bunded), allowing for continuous operation without an auxiliary fuel tank, with several days of operation possible without a refill.
- In the case of any water, oil or fuel gathering over 50% of the bund capacity, a safety sensor will turn on a warning lamp on the control panel.

MODEL		SDG13S-7B1		SDG25S-7B1		SDG45S-7A8		SD60S-7A6	
GENERATOR									
Frequency	Hz	50	60	50	60	50	60	50	60
Rated Output	kvA	10.5	13	20	25	37	45	50	60
Voltage	v	50 Hz: 200 or 380 or 400 or 415, 60 Hz: 200 or 440 (Dual Voltage)							
Power Factor	%	80							
Class of rating		Continuous							
Exciting Method		Brushless (with A.V.R)							
No. of Phase		3-Phase, 4-Wire							
DIESEL ENGINE									
Makes & Model		Kubota D1503-K3A		Kubota V2403-K3A		Kubota V3800-DI-T-K2B		Isuzu BB-4BG1T	
Type (4 Cycle, Water-Cooled)		Swirl Chamber		Direct Injection, Turbo charged		Direct Injection, Turbo charged, Intercooled			
No. of Cylinders		3		4		4		4	
Total Displacement	l	1.499		2.434		3.769		4.329	
Rated Output	PS (kW)	15.6 (11.5)	18.6 (13.7)	26 (19.1)	32 (23.7)	51.7 (38.0)	62 (45.6)	65.4 (48.1)	78 (57.4)
Speed at Max Power	rpm	1,500	1,800	1,500	1,800	1,500	1,800	1,500	1,800
Fuel		Diesel		Diesel		Diesel		Diesel	
Fuel Tank Capacity	l	95		145		325		400	
Fuel Consumption (50 / 75% Load)	l/hr	1.8/2.4	2.2/3.0	3.0/4.0	3.8/5.0	4.6/6.4	5.7/8.0	6.0/8.6	7.5/10.5
Continuous Operations hours (50/75% Load)	hr	53/40	43/32	48/36	38/29	71/51	57/41	67/47	53/38
Lubricating Oil Capacity	l	6.5		9.5		13.2		14	
Coolant Capacity	l	5.7		7.0		11.0		15.0	
Battery	v	80D26R x 1		80D26R x 1		80D26R x 1		80D26R x 1	
DIMENSIONS									
Length	mm	1,480		1,550		1,870		2,050	
Width	mm	650		700		860		860	
Height	mm	1,160		1,240		1,590		1,630	
Net Dry Weight	kg	560		685		1,050		1,290	
Operating Weight	kg	670		820		1,340		1,650	
NOISE LEVEL									
Noise Level at 7m	dB(A)	83		88		85		89	
Pressure Level**	dB(A)	55	58	59	61	56	58	59	61

* For other voltages than above-mentioned ones, contact us. * 7m in four directions from machine and at no load

ELECTRO TRACK SCISSOR LIFT

The New Crawler Track Elevated Work Platform

Exceptional manoeuvrability and versatility is the hallmark provided by Airman's rubber crawler track system fitted to the new Airman scissor lifts. This allows the machine to make pivot turns and to traverse and operate on soft surfaces where conventional wheeled machines cannot go.

SPECIFICATIONS			
MODEL		ENCL045	ENCL068
CRAWLER MOUNTED TYPE			
WORK PLATFORM			
Max. Height Above Ground (mm)		4,500	6,800
Min. Height Above Ground (mm)		890	1080
Dimensions	O.L Extension (mm)	1,200 (1,200(1,750)	1,800 (1,800(2,800)
	O.W	650	885
	O.H	950	990
Extension Platform Sliding Capacity (mm)		550	1,000
Max. Loading Capacity (kg)		200	200
Extended Platform Loading Capacity (kg)		100	100
SCISSOR LIFT			
Type		Both one upper and one lower end fixed. 4 folds pantograph x pattern	
Lift Up and Down Speed		19 / 25	32 / 34
TRAVEL MOTOR			
Drive		DC Motor	
Travel Speed (high/low) (km/h)		0 - 2.0	0 - 2.0
Gradeability		18	18
Min. Turning Radius (mm)		700 (turns on the spot)	1,350 (turns on the spot)
POWER SUPPLY			
Input Power (V)		AC240	
Battery Voltage (V)		DC24	
Battery Capacity (5 Hours) Ah		100	200
Battery		EB100 x 2 pcs	EB100 x 2 pcs
SPECIFICATIONS OF VEHICLE			
L x W x H (mm)		1,280 x 780 x 1,840	1,920 x 990 x 2,070
Total Weight (kg)		640 (700)	1,250 (1,330)
Usage Capacity		Indoor	Indoor/Outdoor



FEATURE PACKED WITH UNIQUE CAPABILITIES

- Greater manoeuvrability, allows pivot turns.
- Extendable sliding work platform.
- Machine is able to work in soft ground due to weight dispersal of the crawler tracks.
- Very low ground loading allowing use on sensitive surfaces.
- Non marking tracks – can be used on tiled floors.
- Exceptional 18° gradeability.
- Centralised lift point as well as forklift access.



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