AIRMAN



CAPS

AIRMAN
COMPRESSORS

Portable Diesel Air Compressors
Engineered for Australian Conditions

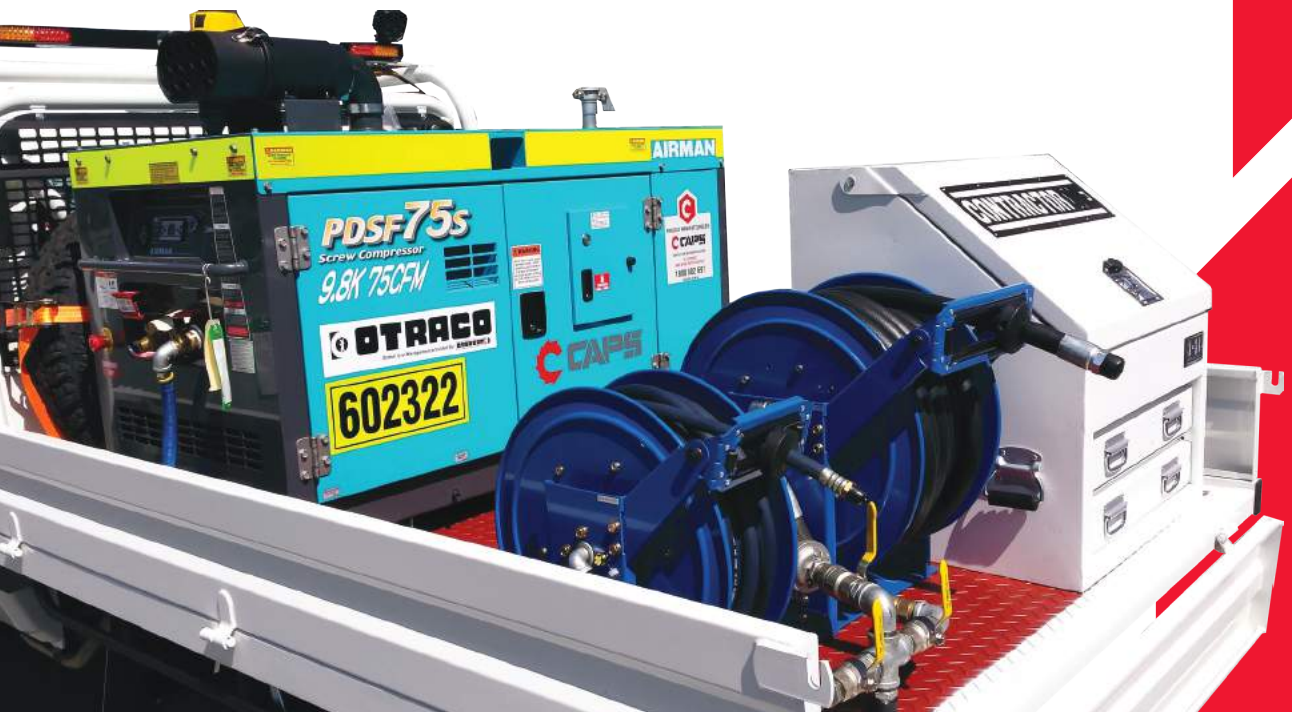
1.6 m3/mm - 11.3 m3/mm
55 cfm - 400 cfm

AIRMAN BOX TYPE COMPRESSORS

CAPS range of Airman portable diesel compressors have attracted a strong following in Australian industry. Known for quiet operation and efficient performace, Airman's box type compressors are easily mountable on trucks and trailers and come available with a full range of custom-engineered options (see page 10).







KEY BENEFITS

EASY TO START AND OPERATE

Simple key starting every time, thanks to an electric fuel pump and self air bleed (EFPA) pump. Operating Instructions are located beside the simple to understand instrumentation panel.

EXCEPTIONALLY QUIET

Acoustic cabinets and low vibration levels provide a low noise package.

DURABLE CONSTRUCTION

Electrostatic pre-painting of the full chassis and body work prior to assembly ensuresa tough quality finish and eliminates unpainted, rust prone metal to metal areas.

10, 000 HOURS OR 7 YEAR WARRANTY

1 year / 1,500 hour manufacturer's warranty plus six year / 8,500 hour (whichever occurs first) warranty by CAPS for the compression air end when continuously serviced at the recommended intervals with compressor fluid and filters supplied by CAPS .

MAINTENANCE MADE EASIER AND FASTER

To minimise service time, Airman compressors are fitted with wide opening doors for easy access during servicing and routine maintenance. All drainage points are fitted with valves and piped to the outside of the unit.

LONGER RUN TIMES

All Airman use quality fuel efficient engines coupled with generous fuel tank capacities to provide longer run times between refills.

AIRMAN BOX TYPE COMPRESSORS

TECHNICAL SPECIFICATIONS

BOX TYPE						
MODEL		PDS55S-5C1	PDS75S-5C1	PDSF75S-5C1	PDS100S-5C1	PDS130S-5C3
AFTERCOOLED MODEL			PDS75SC-5C1		PDS100SC-5C1	PDS130SC-5C3
SPECIFICATIONS	UOM					
Free Air Delivery	m3/min (cfm)	1.6 (55)	2.1 (75)	2.1 (75)	2.8 (100)	3.7 (130)
Working Pressure	kPa (psi)	700 (100)	700 (100)	700 (100)	700 (100)	700 (100)
Max. Working Pressure	kPa (psi)	825 (120)	825 (120)	1035 (150)	825 (120)	825 (120)
ENGINE						
Make		IHI Shibaura	IHI Shibaura	IHI Shibaura	IHI Shibaura	Yanmar
Model		E673L-D	S753-D	S773L-D	S773L-D	3TNV88-BDHK
Type		4 cycle water cooled, swirl chamber	4 cycle water cooled, swirl chamber	4 cycle water cooled, swirl chamber	4 cycle water cooled, swirl chmaber	4 cycle water cooled, direct injection
No. of Cylinders		3	3	3	3	3
Displacement	cc	761	954	1131	1131	1642
Output	PS(kW)/rpm	14(10.5)/3200	20.7(15.2)/3500	25.8(19)/3500	36.5(26.9)/3500	25.8(19)/3000
Fuel		Diesel/Biofuel B5	Diesel/Biofuel B5	Diesel/Biofuel B5	Diesel/Biofuel B5	Diesel/Biofuel B5
Fuel Tank Capacity	l	18	28	28	28	70
Lubricating Oil Capacity	l	3.5	4.2	4.5	4.5	6.7
Battery	v	12	12	12	12	12
DIMENSIONS						
Length	mm	1420	1580	1580	1580	1700
Width	mm	720	750	750	750	890
Height	mm	820	865	865	865	1080
Net Dry Weight (A/C)	kg	320	425 (435)	435	435 (445)	640 (650)
Operating Weight (A/C)	kg	350	465 (475)	475	475 (485)	720 (730)
Air Outlets	(M) Male (F) Female Thread	1 x 3/8 BSP Fitting 1 x 3/4 BSP (M)	2 x 3/4 BSP (M)	2 x 3/4 BSP (M)	2 x 3/4 BSP (M)	2 x 3/4 BSP (M)
NOISE LEVEL						
Noise Level at 7m	dB (A)	66	64	66	66	67

Specifications are subject to change.

PRECISION-ENGINEERED JAPANESE RELIABILITY



BOX TYPE

MODEL		PDSF140S-5C3	PDS185S-5C5	PDS265S-5B2	PDS390S-5B1	PDSF390S-5B1
AFTERCOOLED MODEL			PDS185SC-5C5	PDS265SC-5B2	PDS390SC-5B1	
SPECIFICATIONS	UOM					
Free Air Delivery	m3/min (cfm)	4 (140)	5.2 (185)	7.5 (265)	11 (390)	8.9 (310)
Working Pressure	kPa (psi)	1035 (150)	700 (100)	700 (100)	700 (100)	1035 (150)
Max. Working Pressure	kPa (psi)	1035 (150)	825 (120)	825 (120)	825 (120)	1035 (150)
ENGINE						
Make		Yanmar	Yanmar	Yanmar	ISUZU	ISUZU
Model		4TNV88-BDHKS-1	4TNV88-BXDHKSR	4TNV98T-NHK	DD-4BG1T	DD-4BG1T
Type		4 cycle water cooled, direct injection	4 cycle water cooled, direct injection	4 cycle water cooled, direct injection turbo charged.	4 cycle water cooled, direct injection turbo charged.	4 cycle water cooled, direct injection turbo charged.
No. of Cylinders		4	4	4	4	4
Displacement	cc	2189	2189	3319	4329	4329
Output	PS(kW)/rpm	47.5(34.9)/3000	47.5(34.9)/3000	73.2(61.2)/2500	110(80.9)/2400	110(80.9)/2400
Fuel		Diesel/Biofuel B5	Diesel/Biofuel B5	Diesel/Biofuel B5	Diesel/Biofuel B5	Diesel/Biofuel B5
Fuel Tank Capacity	l	90	90	115	180	180
Battery	v	12	12	12	12	12
DIMENSIONS						
Length	mm	1970	1970	2050	2600	1970
Width	mm	950	950	1200	1300	950
Height	mm	1080	1080	1250	1400	1080
Net Dry Weight (A/C)	kg	740	740 (755)	1140 (1180)	1655 (1710)	1635 (1710)
Operating Weight (A/C)	kg	840	840 (850)	1280 (1320)	1870 (1925)	1850 (1925)
Air Outlets	(M) Male (F) Female Thread	3 x 3/4 BSP (M)	3 x 3/4 BSP (M)	1 x 2" BSP (F) 4 x 3/4 BSP (M)	1 x 2" BSP (F) 4 x 3/4 BSP (M)	1 x 2" BSP (F) 4 x 3/4 BSP (M)
NOISE LEVEL						
Noise Level at 7m	dB (A)	66	64	66	66	67

Specifications are subject to change.

AIRMAN TOWABLE COMPRESSORS

Airman wide track portable compressors provide superior road towing, stability and manoeuvrability. Many towable compressors are designed for European narrow roads, which can make them harder to tow and difficult to reverse. The Airman range is built to suit Australian roads and towing vehicles.

FULL INSTRUMENTATION

Comprehensive control panel with easy to read diagnostics. Auto shutdown on high engine coolant, low engine oil pressure, high air discharge temperature.

12/24V LIGHTS

Dual voltage LED tail lights are fitted so that any suitable vehicle can tow the compressor.

GULL WING AND CABINET STYLE DOORS

Powder coated corrosion-resistant enclosures with ergonomic, one-hand operation access doors, provide safe and easy access to all service areas of the compressor. Doors and Control Panel are fully lockable.

10,000 HOURS OR 7 YEAR WARRANTY



LONG RUN TIMES

Large efficient airends and generous fuel tank capacities keep you working longer (up to 50% larger).

AUSTRALIAN RUNNING GEAR

Locally manufactured trailer components are used to ensure Airman compressors comply with local regulations. Rigid A-Frame draw bars, jockey wheel, inertia operated brakes and a hand brake are standard on all models.

Note: above image shows many of the options that can be fitted.

TECHNICAL SPECIFICATIONS

TRAILER TYPE					
Model		PDS185S-6C2-T	PDS265S-5B2-T	PDS400S-6B1-T	PDSF920S-4B3
Aftercooled Model		PDS185SC-6C2-T	PDS265SC-5B2-T	PDS400SC-6B1-T	PDSF920SC-4B3
SPECIFICATIONS	UOM				
Free Air Delivery	m3/min (cfm)	5.2 (185)	7.5 (265)	11.3 (400)	26(920)
Working Pressure	kPa (psi)	700 (100)	700 (100)	700 (100)	1035 (150)
Max. Working Pressure	kPa (psi)	825 (120)	825 (120)	825 (120)	1035 (150)
ENGINE					
Make		Yanmar	Yanmar	ISUZU	MITSUBISHI
Model		4TNV88-BDHKS1	4TNV98T-NHK	DD-4BG1T	6D24-TLE2A
Type		4 cycle water cooled direct injection	4 cycle water cooled direct injection turbo charged	4 cycle water cooled direct injection turbo charged	4 cycle water cooled direct injection turbo charged
No. of Cylinders		4	4	4	6
Displacement	cc	2189	3319	4329	11940
Output	PS(kW)	47.5(34.9)/3000	73.2(61.2)/2500	110(80.9)/2400	324(238)/2200
Fuel		Diesel/Biofuel B5	Diesel/Biofuel B5	Diesel/Biofuel B5	Diesel/Biofuel B5
Fuel Tank Capacity	l	90	115	180	400
Battery	v	12	12	12	24
DIMENSIONS					
Length	mm	2980	3090	3600	4250
Width	mm	1635	1680	1975	1900
Height	mm	1430	1750	1720	2150
Net Dry Weight	kg	910 (920)	1320 (1360)	1820	4250 (4300)
Operating Weight	kg	1010 (1020)	1460 (1500)	2020	4750 (4800)
Air Outlets	Male (M) / Female (F) threads	2 x 3/4 BSP (M)	1 x 2" BSP (F) 3 x 3/4 BSP (M)	1 x 11/4" BSP (F) 2 x 3/4 BSP (M)	2 x 2" BSP (F) 1 x 3/4 BSP (M)
NOISE LEVEL					
Noise Level at 7m	dB (A)	70	69	74	75







Specifications are subject to change.



Note: above image shows many of the options that can be fitted.

LARGE MOBILE COMPRESSORS

The Airman range extends to include a wide range of high output and high pressure compressors. All large Airman compressors offer the same 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. Airman large mobile compressors are widely used in the concrete spraying, heavy construction and drilling industries.



Contact CAPS for more information on our large mobile compressor range.

LARGE MOBILE RANGE

Pressure 120 psi—185 psi flow: 460 cfm—1,300 cfm

HIGH PRESSURE RANGE

Pressure 250 psi-350 psi flow: 750 cfm—1200 cfm



OPTIONS

CAPS has its own ISO9001 certified manufacturing facility that can modify a compressor to suit your needs. Even the toughest mine site specifications can be met. Below are a number of custom modifications that can be applied to your Airman compressor.



Aftercooler & Water Separator System



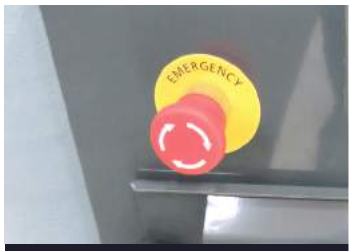
ENVIRONMENTAL CONTAINMENT BASES



HIGH DUST FILTRATION (EXTERNAL OR INTERNAL)



LOCKABLE BATTERY ISOLATOR



EMERGENCY STOP BUTTON



EXHAUST SPARK ARRESTOR



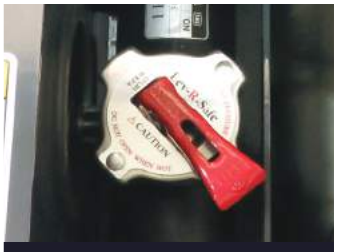
EXHAUST LAGGING



BATTERY JUMP START



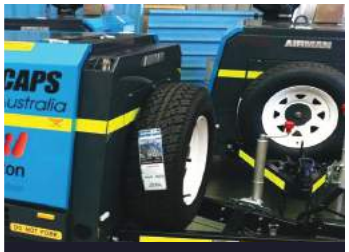
FIRE EXTINGUISHER/FIRE SUPPRESSION SYSTEM



SAFETY RELEASE RADIATOR CAP



CUSTOM GRAPHICS & SAFETY LABELS



SPARE WHEELS & LANDCRUISER WHEELS

ACCESSORIES

Hoses & Hose Reels | Safety Couplings | Claw Couplings | Safety Fuses | Lubricators / Air Treatment | Safety Whip Checks | Air Distribution Manifolds | Filtration Equipment

AIR TOOLS

Paving Breakers & Rock Drills | Impact Wrenches | Chipping Hammers & Rivet Busters | Air Grinders, Scabblers and Scrapers | Air Drills and Saws | Double Diaphragm Fluid / Water Pumps | Rammers and Tampers | Air Hoists and Winches


Compressors Air Tools Generators Blowers
CAPS
AIRMAN
PDSK1200S
HIGH PRESSURE TYPE

WHY BUY AN AIRMAN?

CAPS has been the exclusive national distributor of Airman for the past 13 years. In this time Airman have become the leader for box style compressors and a major brand in the towable market. Airman's precision-engineered Japanese reliability ensures consistent performance and great resale value.

UNIQUE AIREND DESIGN - Large specially heat treated compressor rotors are machined utilising the latest computer controlled machinery to ensure low speeds and maximum efficiency.

FUEL EFFICIENCY - With highly efficient compressor airends, the engine power and fuel needed to operate the PDS range is reduced. All Airman models have now been tested and approved to use Bio Fuel B5.

QUALITY - Airman's factory in Japan is certified to the Quality Standard ISO9001.

OPERATION PANEL - Airman Compressors have fully featured, simple to use and easy to understand, instrument panels. Operating Instructions are also conveniently displayed beside the control panel to enable any user to quickly become a proficient in its use.

SHUTDOWN AND PROTECTION SYSTEMS – Airman Compressors are constantly monitored and protected against high air discharge temperature, high coolant temperature, low engine oil pressure, with most units featuring a range of other warning features.

OPERATOR PROTECTION – Fan belt covers and over pressure relief valves are provided to offer additional user protection.



// SMARTER SOLUTIONS

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Broome WA 6725
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DARWIN
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KALGOORLIE
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Genuine spare parts and service kits are available direct from branches or online via capsshop.com.au.

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