



# PORTABLE DIESEL AIR COMPRESSORS

AIRMAN 55 CFM - 1,400 CFM, 120PSI - 350 PSI

Engineered for Australian Conditions



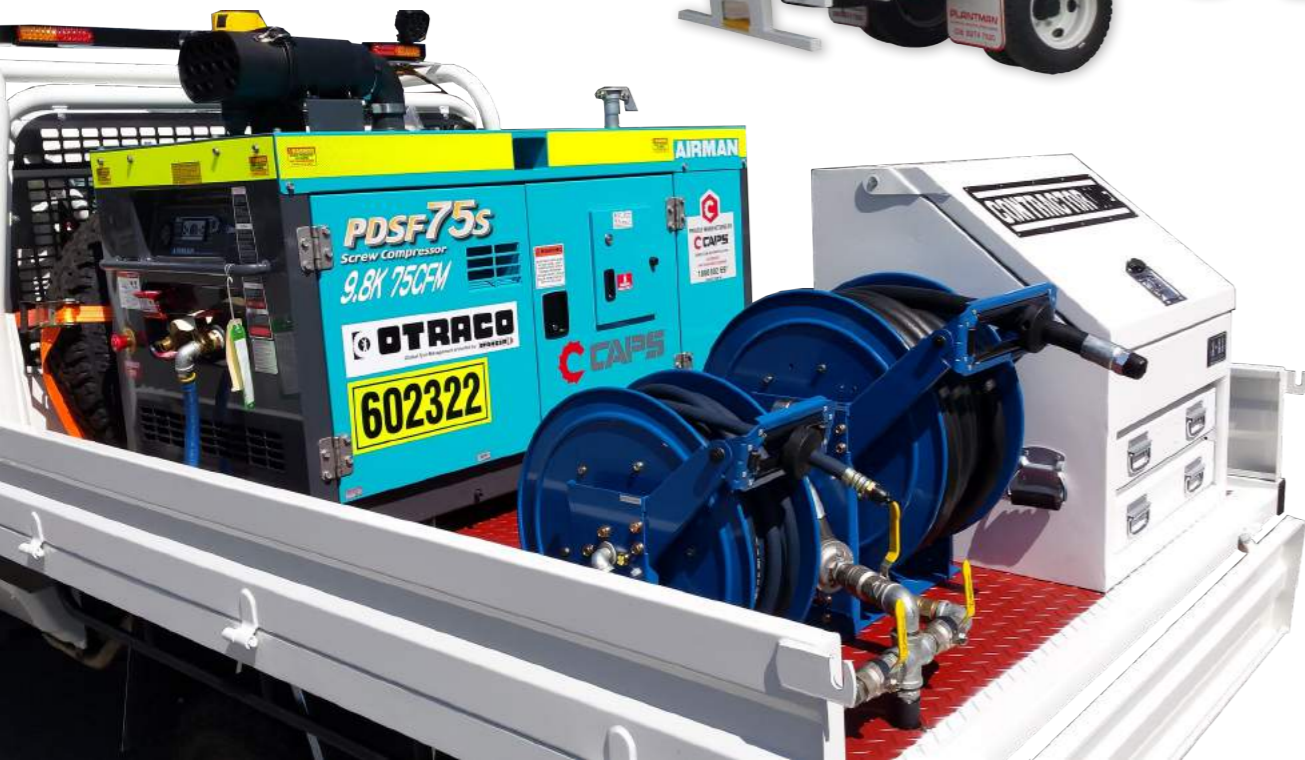
## AIRMAN BOX TYPE.

### AN AUSTRALIAN FAVOURITE

CAPS has been the exclusive national distributor of Airman for over 15 years, establishing itself as a leader for box style compressors and a major player in the towable market. Our extensive knowledge of the Australian market coupled with Airman's precision-engineered Japanese reliability ensures that your investment delivers consistent performance, even in Australia's harsh climate conditions.

With a strong following and great resale value, the Airman range is known for quiet operation and efficient performance. Our box type compressors are easily mountable on trucks and trailers and come available with a full range of options, custom-engineered in CAPS Perth-based manufacturing facility.

If your Airman air compressor requires servicing, CAPS 24/7 nationwide service network is only a phone call away. CAPS expert technicians can keep your air compressor running in peak condition, potentially saving you thousands of dollars in replacement or breakdown costs.



### FEATURES

#### 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.

#### DURABLE CONSTRUCTION

Electrostatic pre-painting of the full chassis and bodywork prior to assembly ensures a tough quality finish and eliminates unpainted, rust prone metal to metal areas.

#### LONGER RUN TIMES

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

#### EXCEPTIONALLY QUIET

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

#### 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.

#### 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.



# PRODUCT SPECIFICATIONS.



“ I own four Airman compressors and I'm impressed with their reliability. They have been a quality investment for my business.

- Sean Mann  
Mann Civil and Electrical Contractors

| Model                    |                            | PDS55S-5C1                             | PDS75S-5C1      | PDSF75S-5C1   | PDS100S-5C1     |
|--------------------------|----------------------------|--|-----------------|---------------|-----------------|
| Aftercooled Model        |                            |  | PDS75SC-5C1     |               | PDS100SC-5C1    |
| Specifications           | UOM                        |  |                 |               |                 |
| Free Air Delivery        | m <sup>3</sup> /min (cfm)  | 1.6 (55)                               | 2.1 (75)        | 2.1 (75)      | 2.8 (100)       |
| Working Pressure         | kPa (psi)                  | 700 (100)                              | 700 (100)       | 1035 (150)    | 700 (100)       |
| Max. Working Pressure    | kPa (psi)                  | 825 (120)                              | 825 (120)       | 1035 (150)    | 825 (120)       |
| Engine                   |                            |  |                 |               |                 |
| Make                     |                            | IHI Shibaura                           |                 |               |                 |
| Model                    |                            | E673L-D                                | S753-D          | S773L-D       | S773L-D         |
| Type                     |                            | 4 cycle water cooled, swirl chamber    |                 |               |                 |
| No. of Cylinders         |                            | 3                                      |                 |               |                 |
| Displacement             | cc                         | 761                                    | 954             | 1131          | 1131            |
| Output                   | PS(kW)/rpm                 | 14(10.5)/3200                          | 20.7(15.2)/3500 | 25.8(19)/3500 | 36.5(26.9)/3500 |
| Fuel                     |                            | Diesel/Biofuel B5                      |                 |               |                 |
| Fuel Tank Capacity       | l                          | 18                                     | 28              | 28            | 28              |
| Lubricating Oil Capacity | l                          | 3.5                                    | 4.2             | 4.5           | 4.5             |
| Battery                  | v                          | 12                                     |                 |               |                 |
| Dimensions               |                            |  |                 |               |                 |
| Length                   | mm                         | 1420                                   | 1580            | 1580          | 1580            |
| Width                    | mm                         | 720                                    | 750             | 750           | 750             |
| Height                   | mm                         | 820                                    | 865             | 865           | 865             |
| Net Dry Weight (A/C)     | kg                         | 320                                    | 425 (435)       | 435           | 435 (445)       |
| Operating Weight (A/C)   | kg                         | 350                                    | 465 (475)       | 475           | 475 (485)       |
| Air Outlets              | (M) Male (F) Female Thread | 1 x 3/8 BSP Fitting<br>1 x 3/4 BSP (M) | 2 x 3/4 BSP (M) |               |                 |
| Noise Level              |                            |  |                 |               |                 |
| Noise Level              | dB(A) @7m                  | 66                                     | 64              | 66            | 66              |

| Model                  |                           | PDS130S-5C3                         | PDSF140-5C3     | PDS185S-5C5     | PDS265-5B2                     |
|------------------------|---------------------------|-------------------------------------|-----------------|-----------------|--------------------------------|
| Aftercooled Model      |                           | PDS130SC-5C3                        |                 | PDS185SC-5C5    | PDS265SC -5B2                  |
| Specifications         | UOM                       |                                     |                 |                 |                                |
| Free Air Delivery      | m <sup>3</sup> /min (cfm) | 3.7 (130)                           | 4 (140)         | 5.2 (185)       | 7.5 (265)                      |
| Working Pressure       | kPa (psi)                 | 700 (100)                           | 1035 (150)      | 700 (100)       | 700 (100)                      |
| Max. Working Pressure  | kPa (psi)                 | 825 (120)                           | 1035 (150)      | 825 (120)       | 825 (120)                      |
| Engine                 |                           |                                     |                 |                 |                                |
| Make                   |                           | Yanmar                              |                 |                 |                                |
| Model                  |                           | 3TNV88-BDHK                         | 4TNV88-BDHKS-1  | 4TNV88-BXDHKSR  | 4TNV98T-NHK                    |
| Type                   |                           | 4 cycle water cooled, swirl chamber |                 |                 |                                |
| No. of Cylinders       |                           | 3                                   | 4               |                 |                                |
| Displacement           | cc                        | 1642                                | 2189            | 2189            | 3319                           |
| Output                 | PS(kW) / rpm              | 25.8(26.5)/3000                     | 47.5(34.9)/3000 | 47.5(34.9)/3000 | 73.2(61.2)/2500                |
| Fuel                   |                           | Diesel/Biofuel B5                   |                 |                 |                                |
| Fuel Tank Capacity     | l                         | 70                                  | 90              | 90              | 115                            |
| Battery                | v                         | 12                                  |                 |                 |                                |
| Dimensions             |                           |                                     |                 |                 |                                |
| Length                 | mm                        | 1700                                | 1970            | 1970            | 2050                           |
| Width                  | mm                        | 890                                 | 950             | 950             | 1200                           |
| Height                 | mm                        | 1080                                | 1080            | 1080            | 1250                           |
| Net Dry Weight (A/C)   | kg                        | 640 (650)                           | 740             | 740 (755)       | 1140 (1180)                    |
| Operating Weight (A/C) | kg                        | 720 (730)                           | 840             | 840 (850)       | 1280 (1320)                    |
| Air Outlets            | (M) Male (F) Female       | 2 x 3/4 BSP (M)                     | 3 x 3/4 BSP (M) | 3 x 3/4 BSP (M) | 1 x 2" BSP (F) 4 x 3/4 BSP (M) |
| Noise Level            |                           |                                     |                 |                 |                                |
| Noise Level            | dB(A) @7m                 | 67                                  | 66              | 64              | 66                             |

# AIRMAN TOWABLE.

10,000 HOURS  
OR 7 YEAR  
WARRANTY



## FEATURES

### FULL INSTRUMENTATION

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

### LONG RUN TIMES

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

### 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.

### 12/24V LIGHTS

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

### 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.

### 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.

## TOW YOUR AIR ANYWHERE.

Airman wide track portable compressors provide superior road towing, stability and maneuverability. Many towable compressors are designed for European narrow roads, which can make them harder to tow and difficult to reverse. CAPS design, manufacture and fit the trailer under carriages locally, to ensure suitability for Australia's harsh road conditions and compliance with road regulations.

### TECHNICAL SPECIFICATIONS

| Model                 |                           | PDS185S-6C2-T                        | PDS265S-5B2-T                                       | PDS400S-6B5-T       | PDSF920S-4B3  |
|-----------------------|---------------------------|--------------------------------------|---|---------------------|---------------|
| Aftercooled Model     |                           | PDS185SC-6C2-T                       | PDS265SC-5B2-T                                      | PDS400SC-6B5-T      | PDSF920SC-4B3 |
| Specifications        | UOM                       |                                      |   |                     |               |
| Free Air Delivery     | m <sup>3</sup> /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  | Kubota              | Mitsubishi    |
| Model                 |                           | 4TNV88-BDHKS1                        | 4TNV98T-NHK   | V3000DI-T1E2B-COHE1 | 6D24-TLE2A    |
| Type                  |                           | 4 cycle watercooled direct injection | 4 cycle water cooled direct injection turbo charged |                     |               |
| No. of Cylinders      |                           | 4                                    |   |                     | 6             |
| Displacement          | cc                        | 2189                                 | 3319  | 3769                | 11940         |
| Output                | PS (kW)/rpm               | 47.5(34.9)/3000                      | 73.2(61.2)/2500                                     | 102(75.2)/2600      | 324(238)/2200 |
| Fuel                  |                           | Diesel/Biofuel B5                    |   |                     |               |
| Fuel Tank Capacity    | l                         | 90                                   | 115   | 178                 | 400           |
| Battery               | V                         | 12                                   | 12  | 12                  | 24            |
| Dimensions            |                           |                                      |   |                     |               |
| Length                | mm                        | 2980                                 | 3090  | 3665                | 4250          |
| Width                 | mm                        | 1635                                 | 1680  | 1975                | 1900          |
| Height                | mm                        | 1430                                 | 1750  | 1720                | 2150          |
| Net Dry Weight        | kg                        | 910 (920)                            | 1320 (1360)   | 1740 (1780)         | 4250 (4300)   |
| Operating Weight      | kg                        | 1010 (1020)                          | 1460 (1500)   | 1940 (1980)         | 4750 (4800)   |



## LARGE MOBILE COMPRESSORS.

### MAKE LIGHT WORK OF HEAVY DUTY OPERATIONS

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.

#### LARGE MOBILE RANGE

Pressure 120 psi–185 psi  
Flow: 460 cfm–1,400 cfm

#### HIGH PRESSURE RANGE

Pressure 250 psi–350 psi  
Flow: 750 cfm–1200 cfm

## FLEXIBLE FINANCE OPTIONS.

Having the right equipment and assets is crucial for the growth of any business. Through our trusted partner, we not only provide short and long-term funding for your equipment, but can tailor our finance to suit your specific budget or requirements.

The best equipment does not have to be out of reach - explore CAPS range of finance options to drive your business forward.



## CUSTOM 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.



**1** HIGH DUST FILTRATION (EXT. AND INTRNL.)

**2** BATTERY JUMP START

**3** FIRE EXTINGUISHER/FIRE SUPPRESSION SYSTEM

**7** AFTERCOOLER AND WATER SEPARATOR SYSTEM

**8** ENVIRONMENTAL CONTAINMENT BASES

**9** EXHAUST LAGGING

**4** SAFETY RELEASE RADIATOR CAPS

**5** CUSTOM GRAPHICS/SAFETY LABELS

**6** LANDCRUISER WHEELS AND SPARE WHEELS

**10** LOCKABLE BATTERY ISOLATOR

**11** EMERGENCY STOP BUTTON

**12** EXHAUST SPARK ARRESTOR

### ACCESSORIES

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

### TOOLS

- Paving Breakers + Rock Drills
- Impact Wrenches
- Chipping Hammers
- Rivet Busters
- Air Grinders, Scabblers + Scrapers
- Air Drills + Saws
- Double Diaphragm Pumps
- Rammers + Tampers
- Air Hoists + Winches

# GET IN TOUCH.

**24/7 SUPPORT:** 1800 800 878

**WEBSITE:** CAPS.COM.AU

**SHOP:** CAPSSHOP.COM.AU

**EMAIL:** INFO@CAPS.COM.AU

## BRANCH LOCATIONS

PERTH (HEAD OFFICE) | KALGOORLIE | MELBOURNE | SYDNEY  
NEWCASTLE | ADELAIDE | BRISBANE | MACKAY | DARWIN

# SOLVING YOUR AIR AND POWER CHALLENGES.