

# AIRMAC

## Yanmar Diesel Air Compressors



**YANMAR**

Premium

Quality

# **AIRMAC** Premium Quality

Airmac belt-driven, reciprocating air compressors are uniquely designed and manufactured to provide a lifetime of reliable service. Proudly made for Australia since 1989, they continually exceed the highest standards.

The product philosophy behind Airmac's success has remained unchanged. Start with a heavy duty design using a low speed compressor pump and oversized air tank. Then add a premium selection of genuine brand name components to build the best possible compressor set.



At the heart of every Airmac is a genuine Fusheng compressor pump with a legendary reputation for outstanding quality, performance and reliability.

Widely acknowledged as the best in the world, Fusheng compressor pumps are the gold standard against which other compressors are judged.

Often copied - but never equalled - Fusheng's A & B-Series compressor pumps have been in popular demand for decades due to their unique features:

- Heavy-duty, low rotational speed industrial design implemented with single-stage (A-Series) or two-stage (B-Series) compression technology.
- Precision-machined crankcase, cylinders and cylinder heads made entirely from cast iron for dependable strength, thermal stability and long wearing life.
- Rugged high-flow valves made from heat and impact-resistant stainless steel, either disc-type (A-Series) or reed-type (B-Series).

Today there are thousands of Airmacs in service across the country - working proof they are the finest quality air compressors available in Australia. You can purchase an Airmac with confidence that it will never need replacing if properly used and maintained.

The Yanmar diesel engine-powered range of Airmac compressors is the preferred choice at mine sites, oil and gas facilities, and other hazardous workplaces where safety, reliability and fuel economy are paramount.



TA-65 Pump



TA-80 Pump



B-1 Pump

- High-tensile, forged alloy steel crankshaft fitted with premium grade ball or tapered roller main bearings.
- Large crankcase oil reservoir for cooler running and improved lubrication fitted with an oil level sight glass.
- Long life, automotive-style piston rings ensure positive sealing and minimal oil content in the discharge air.
- Deep directional cooling fins, streamlined air passages and an inter or after-cooler for optimal heat dissipation.
- Noise-suppressed air intakes with replaceable filter elements that can be easily changed by hand.
- Dynamically-balanced crankshaft, pulley and flywheel provide smooth running that is practically vibration-free.
- Manufactured exclusively in-house by Fusheng to industry-leading ISO 9001 quality standards.

## Pre-Delivery

Every Airmac compressor undergoes a 100-point pre-delivery inspection and full-load testing in Australia by our factory trained technicians.



## Spare Parts

To maintain your Airmac compressor in peak operating condition, we offer an extensive inventory of genuine consumables and spare parts.

## Accessories

Enhance the operation or protection of your Airmac compressor with genuine, performance matched accessories.



## Customer and Product Support

Informed product selection advice, exceptional after-sales service and genuine spare parts are available from an Australia-wide network of qualified Airmac dealers.

## WH&S Approved

All Airmac compressors are fully compliant with Australian Workplace Health and Safety Regulations for industrial workplace use.



## Warranty

Your investment is protected by a two-year parts and factory labour warranty on the whole compressor set.



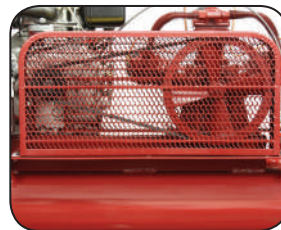


## Features and Benefits



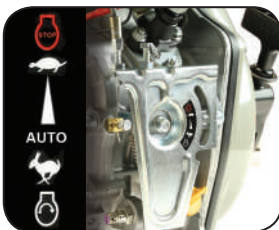
### Yanmar Diesel Engine

Yanmar's direct fuel injection technology maximises combustion efficiency, thereby delivering more power while using less fuel. These rugged units are built to withstand the rigours of work out in the field.



### Metal Safety Guard

The all-steel safety guard securely protects the rotating V-belt drive components. Airmac's traditional metal guard is impact and UV resistant, unlike plastic guards as used by other makes.



### Automatic Throttle Control

Engine speed and compressor pump operation are both automatically regulated to match air demand. The engine returns to idle when possible to minimise fuel use, noise and wear.



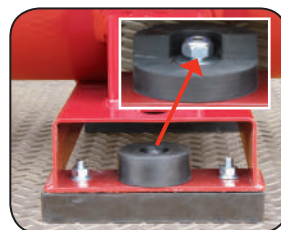
### High Pressure

Applications requiring higher-than-normal air pressure of up to 1,200 kPa (175 psi) can select from four Airmac models specially equipped with efficient two-stage Fusheng compressor pumps.



### Electric Key-Start

Avoid the strain of rope pull starting by selecting an effortless twist-and-go electric start model. The removable starter key also provides security against unauthorised operation.



### Vibration Isolators

Foot-mounted models are thoughtfully supplied with two sets of vibration isolators and fasteners to suit portable freestanding, fixed stationary or mobile vehicle-mounted applications (*pictured*).



### Mine Specification

Electric start models are equipped with an emergency stop button and fail-safe fuel shut-off solenoid valve as standard. These are essential safety features for Mine Spec compliance.



### 12 Volt Battery Kit Option

Convert your electric key-start compressor into a self-contained unit by adding a 12 V battery kit. It includes a maintenance-free battery, special mounting bracket and colour-coded battery leads.



### Oversized Air Receiver

For safety, the air tank complies with Australian Standard AS 1210. Its oversized capacity maintains a larger air energy reserve that also reduces pressure fluctuation and compressor load / unload cycling.



### Filter-Regulator \*

The 5 micron filter removes dirt, oil and water from the compressed air while the adjustable regulator controls output air pressure. A Nitto-style hose coupling is fitted to the air outlet port.

\* Fitted to T20D & T20D ES models only.

# Specifications

# Yanmar Diesel

Model	Pump Displacement	Free Air Delivery	Maximum Pressure	Compressor Pump	Yanmar Engine		Tank Volume	Outlet Size	Noise Level	Dimensions (cm) and Weight			
	L/min [cfm] *	L/min [cfm] *	kPa [psi]	Model [rpm]	Model	Starter	Litres	BSP	dB(A) °	L	W	H	kg
<b>T20D</b>	490 [17.3]	320 [11.3]	1,000 [145]	TA-65 [1,025]	L48 4.7 hp	Rope Pull	70	1/4"	82	108	41	88	115
<b>T20D ES</b>	490 [17.3]	320 [11.3]	1,000 [145]	TA-65 [1,025]	L48 4.7 hp	Electric ^	70	1/4"	82	108	41	88	122
<b>HT20D</b>	330 [11.7]	265 [9.4]	1,200 [175]	HTA-65 [1,030]	L48 4.7 hp	Rope Pull	70	1/4"	82	108	41	88	115
<b>HT20D ES</b>	330 [11.7]	265 [9.4]	1,200 [175]	HTA-65 [1,030]	L48 4.7 hp	Electric ^	70	1/4"	82	108	41	88	122
<b>B24D ES</b>	565 [20.0]	470 [16.6]	1,200 [175]	B-1 [1,385]	L70 6.7 hp	Electric ^	100	1/2"	84	115	48	97	175
<b>T30D ES</b>	880 [31.1]	680 [24.0]	1,000 [145]	TA-80 [970]	L70 6.7 hp	Electric ^	125	1/2"	84	148	48	99	209
<b>B35D ES</b>	945 [33.4]	815 [28.8]	1,200 [175]	B-2 [1,400]	L100 10 hp	Electric ^	120	3/4"	84	115	53	107	239
<b>V40D ES</b>	1,105 [39.0]	850 [30.0]	1,000 [145]	VA-100 [1,005]	L100 10 hp	Electric ^	150	3/4"	84	149	50	104	290

\* Measured per AS 4637-2006.

^ Engine will not run without connection to a 12 Volt battery (not included).

° Measured at 7 metres per AS 2221.1-1979.



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Your Authorised Airmac Dealer



Specifications are subject to change without notice. 2016-04