



# TRADITIONAL

**PULFORD**  
AIR COMPRESSORS

The Pulford range of piston compressors has been designed and offered in Australia since 1925 featuring superior performance, still going strong after 80 years.

Pulford's compressor range comprises the range topping Endurance models, offering the very best in piston reciprocating compressors and the economical T-Series range featuring Pulford's renowned reliability and excellent build quality.

The Endurance range of compressors are perfectly suited to heavy industrial applications requiring compressed air such as smash repair, printing, process and packaging and a wide variety of other industries. The Endurance range are outstanding premium compressors with superior reliability throughout the range with quality features offered as standard.

The T-Series retains Pulford's famous build quality and reliability with a range of economical, high quality units to suit all customers. From 2hp-single phase to 10hp-3phase, the T-Series has a full range of compressors to suit all needs and air applications.

Included in Pulford's comprehensive range of traditional compressors is the options of Silent Cabinet compressors (SC) and Petrol and Diesel Driven options (PD & DD).



## PULFORD SC Silenced Pistons

Pulford offers the Silent Piston option (SC) on both the Endurance and T-Series in a full range of sizes. With noise levels at a safe 70dB(A) they are suitable for indoor applications where noise is a primary concern. Vibration is minimized by anti vibration mounts that do not require floor mounting. A professional outfit is maintained through steel construction incorporating quick release panels and a modern acoustically lined powder coated compact cabinet.



## PULFORD Petrol and Diesel Driven

With both ranges offered in both petrol and diesel powered options, Pulford gives customers the flexibility in mobility in many different industries. Choose the engine combination most suited for your application and then choose the range and compressor size to complete your mobile compressor package. In both manual and electric start engines, chassis or receiver mounted, Pulford petrol and diesel powered compressors are very well suited to any application requiring flexibility and mobility.



## Compressor Capacity

Air compressors should not be sized by their piston displacement specification. This is a theoretical value only and does not account for leakage, sealing, heat etc. We have provided this figure for comparison purposes only. Please use the FAD (Free Air Delivery) figures when sizing your compressor, as this is the actual volume of air delivered by the compressor.

# ENDURANCE



## ENDURANCE Compressor Outfits

If your business demands a reliable air supply then you need an Endurance compressor outfit. Renowned for its quality and design, the Endurance range of compressor outfits is the best your business can buy. With the reliability of separate starter and unloading mechanisms, quality head unloading and the strength of the full cast iron pump, Pulford's Endurance range will be in your business for generations.

Pulford Compressor Outfits	Nett Weight	Piston Displacement		Free Air Delivery		Speed	Air Receiver		Dimensions	Motor	Starter
	Kg	l/s	cfm	l/s	cfm	rpm	Max Pressure Kpa	Volume Litres	LxWxH	kW/hp	
<b>29/2L</b>	170	4.7	10	3.4	7.2	600	1034	155	1450 x 550 x 940	1.5/2	DOL
<b>39/3L</b>	240	7.1	15	5.1	11	500	1034	264	1760 x 590 x 1200	2.2/3	DOL
<b>39/4L</b>	240	8.5	18	6.1	13	600	1034	264	1760 x 590 x 1200	3/4	DOL
<b>59/5L</b>	295	11.5	25	8.5	18	500	1034	264	1760 x 590 x 1200	4/5.5	DOL
<b>59/7L</b>	300	16.1	34	11.5	25	700	1034	264	1760 x 590 x 1200	5.5/7.5	DOL
<b>79/10L</b>	440	22	54	18.3	39	600	1034	425	1960 x 690 x 1150	7.5/10	DOL
<b>79/15</b>	485	31	66	22.4	48	735	1034	425	1960 x 690 x 1150	11/15	Star Delta

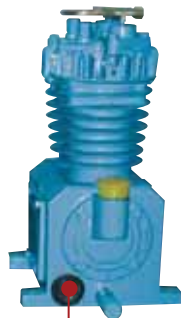
## ENDURANCE Bare Compressors

The Endurance Bare Compressors are a cost effective way to replace old or damaged compressor pumps. Available in a full range of sizes, they are interchangeable with other compressor brands and can be installed in place of inferior pumps with only minimum modification.

Bare compressors can be adapted to hydraulic, power take off, diesel or petrol engine drives and can be incorporated into custom build hydraulically driven OEM designs.



Model 29



Model 39



Model 59



Model 79

Pulford Bare Compressors	Nett Weight	Piston Displacement		Free Air Delivery		Speed	Max Pressure	No of Cylinders	Dimensions	Motor	Fly Wheel	Fly Wheel
	Kg	l/s	cfm	l/s	cfm	rpm	Kpa		LxWxH	kW/hp	Grooved	O.D
<b>29/2</b>	29	4.7	10	3.4	7.2	600	1034	2	330 x 305 x 370	1.5/2	2A	325
<b>39/3</b>	57	7.1	15	5.1	11	500	1034	2	410 x 380 x 500	2.2/3	3A	415
<b>39/4</b>	57	8.5	18	6.1	13	600	1034	2	410 x 380 x 500	3/4	3A	415
<b>59/5</b>	90	11.5	25	8.5	18	500	1034	2	510 x 485 x 550	4/5.5	3B	500
<b>59/7</b>	90	16.1	34	11.5	25	700	1034	2	510 x 485 x 550	5.5/7.5	3B	500
<b>79/10</b>	130	22	54	18.3	39	600	1034	4	940 x 510 x 500	7.5/10	3B	500
<b>79/15</b>	130	31	66	22.4	48	735	1034	4	940 x 510 x 500	11/15	3B	500

# T-SERIES

## T-Series Compressor outfits

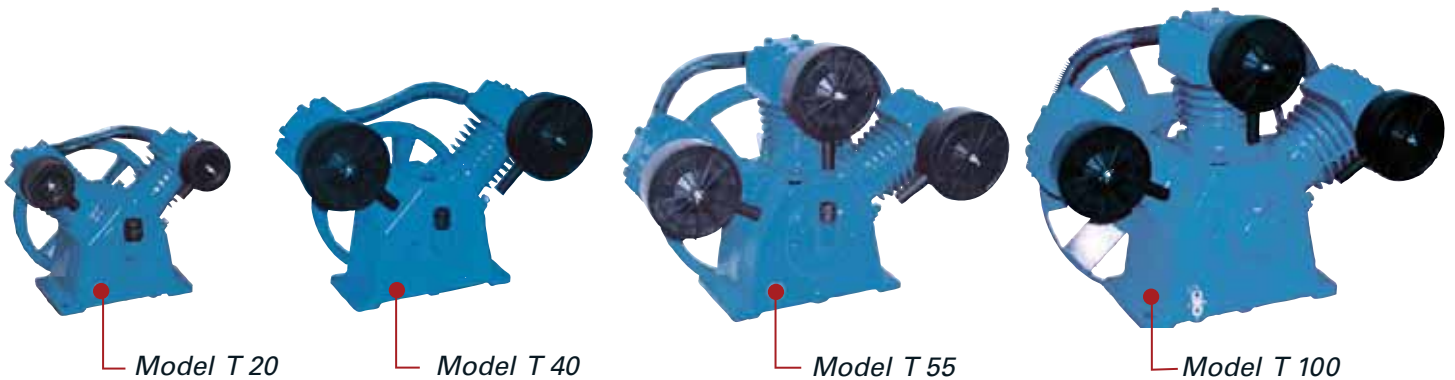
The T-Series range from Pulford provides the quality and reliability that Pulford has offered to businesses for over 80 years, in a compressor to suit all customers. From 2Hp 240Volt, single phase compressors, to the 10Hp, 3-phase compressor, the T-Series has a compressor to meet your air requirements.



Pulford T-Series Compressor Outfits	Nett Weight Kg	Piston Displacement		Free Air Delivery		Speed rpm	Air Receiver		Dimensions LxWxH	Motor kW/hp	Starter
		l/s	cfm	l/s	cfm		Max Pressure Kpa	Volume Litres			
<b>T200S1</b>	89	4.7	10	3.0	6.4	970	950	60	1150x388x840	1.65 / 2	Condor
<b>T300S1</b>	120	7.8	16.5	5.1	10.8	980	950	100	1165x388x980	2.4 / 3	Condor
<b>T400S</b>	217	9.0	19	6.7	12.2	890	950	125	1570x540x1080	3 / 4	Condor
<b>T500S</b>	269	11.8	25	9.1	19.3	780	950	150	1570x570x1230	4 / 5	Condor
<b>T700S</b>	363	15.7	33.3	11.7	24.8	850	950	250	1640x680x1300	5.5 / 7	Condor
<b>T1000S</b>	459	22.0	46.6	17.9	38	800	950	275	1800x730x1410	7.5 / 10	Condor

## T-Series Bare Pumps

The T-Series range of compressor pumps offers you the best of both worlds. With reliability and quality, these replacement pumps allow you to upgrade or repair your existing compressor making it as good as new. The T-Series pumps come in a range of 2Hp to 10Hp complete with flywheels and air filters. They can be fitted to a variety of application including hydraulic, electric and petrol drive compressors units.



Pulford T-Series Compressor Outfits	Nett Weight Kg	Piston Displacement		Free Air Delivery		Speed rpm	Max Press. Kpa	No. Cylinders	Dimensions LxWxH	Motor kW/hp
		l/s	cfm	l/s	cfm					
<b>T20</b>	22	4.7	10	3.0	6.4	970	950	2	390x290x450	1.5/2
<b>T30</b>	29	7.8	16.5	5.1	10.8	980	950	3	530x350x450	2.2/3
<b>T40</b>	56	9.0	19	6.7	12.2	890	950	2	600x450x600	3/4
<b>T55</b>	79	11.8	25	9.1	19.3	780	950	3	700x450x700	4/5.5
<b>T75</b>	100	15.7	33.3	11.7	24.8	850	950	2	700x450x650	5.5/7.5
<b>T100</b>	130	22.0	46.6	17.9	38	800	950	3	750x550x750	7.5/10

# PISTON Outfit Specifications

**Outfit** – The standard stationary outfit is comprised of a horizontal air receiver on legs with a steel tabletop supporting the compressor, motor and sundry equipment. Special outfits can be custom built to meet individual requirements.

**Crankshaft** – Steel running on heavy duty bearings. All have tapered roller or main bearings. Crankshaft supported on both sides of the crankcase and is not overhung.

**Cylinders** – Cast iron precision honed.

**Crankcase** – Compact and rigid design, fitted with breather, oil filter, drain plug and oil level glass.

**Pistons** – Lightweight ribbed with ground finish. Hardened ground and lapped gudgeon pins.

## Automatic Stop/Start Control

– Comprised of adjustable pressure and differential settings, a contactor (only available on Endurance range) with motor overload protection and an automatic no-load starting device.

**Receiver** – Electric welded construction, fully tested, with hand or sight holes and conforming strictly with S.A.A. requirements AS 1210.

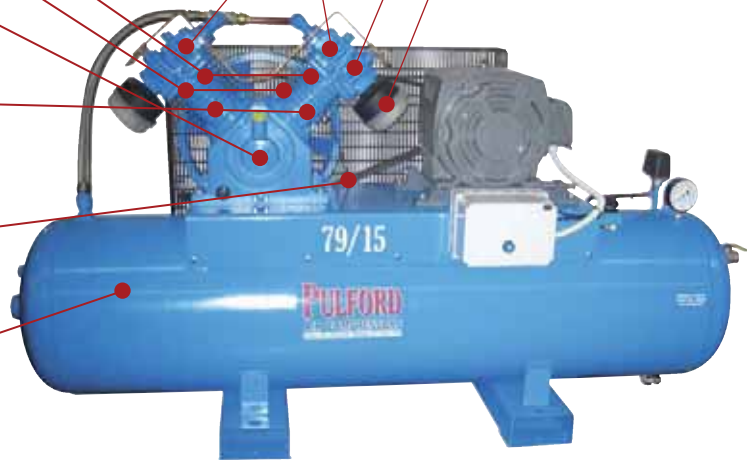
**Discharge Line** – Stainless steel flexible hose is used on all models and a flange is fitted for easy maintenance (only available on Endurance models).

**Direct Unloader** – Directly unloads at the inlet valve when pressure is reached, allowing freewheeling and gradual slowing down of the compressor operation. Ensures no load start up and smooth transition between load and unload phase reducing wear and tear, draw on the motor and subsequent electrical costs (only available on Endurance range).

**Flywheel** – Proportioned for steady running. Grooved for vee belts and balanced.

**Valves** – Highly efficient and reliable spring operated disc type valves.

**Intake Air Filter** – Simple and efficient, replaceable dry type.



## What to Consider

**Slow Revving** – A slow rpm means the pump is working easier and cooler and will therefore significantly outlive a faster revving machine.

**Waste Water Discharge** – Compressor condensate containing more than 20mg/l mineral oil cannot be disposed of in sewer systems without treatment. Oil water separators can be installed to ensure regulation compliance.

**Switch Gear** – The standard of switch gear is important to ensure the compressor will cut out when required.

**Receiver Size** – The receiver needs to be sized correctly. If under size, the compressor will work too hard to maintain the desired volume of air. Cutting in and out too often also increases energy costs and shortens motor life.

**Location** – If exposed to the elements, consider the effect on your compressor and discuss alternatives to ensure a good return on your investment.

**Noise** – To ensure the noise output of the compressor is in line with OH & S regulations. A silenced solution is required.

**Valve Types** – Disc valve operation provides better sealing and higher efficiency than reed valve compressors which require a check valve in the discharge line due to their tendency to leak.

**Unloader Type** – Direct unloading at the inlet valves is more efficient than check valve unloading. The premium option is a separate unloader as opposed to a combined pressure switch / unloader which is cheaper and not as reliable.

# ENDURANCE/T-SERIES

## Ongoing Service and Support

For over 80 years, Pulford have developed longstanding and rewarding relationships with our customers. Our priority is to provide honest, reliable, prompt support for both technical and functional applications. We have specialist service technicians on call 24 hours a day, seven days a week. *"The extensive experience of our technicians ensures we can easily service all makes and models."*

## Fixed Service and Affordability

For complete flexibility with your purchase, Pulford offers variable leasing plans with easy monthly repayments, creating an affordable package for the equipment you need. A complete service plans can be included in your lease to ensure your equipment is serviced by an expert at the required times thereby protecting your investment.

## Our Product Range

Pulford are focused on developing air solutions that increase our customers' efficiency and reduce their expenses.

### Rotary Screw Compressors

- 19cfm to 760cfm
- Solid construction
- Efficient operation
- Easy installation
- Proven performance
- Modern technology
- Compact design
- Hire units available for short and long term



### Air Line Installation Equipment and Accessories

- All types of air installations
- Advice on installation and design
- Advanced piping systems
- Quality fittings
- Professional finish

### Portable Diesel Compressors

- Strong compact carbon steel housing
- Rotary screw air end
- Easy maintenance
- Simple control panel
- Large fuel tank
- Converts easily to a stationary compressor
- Hire units available for short and long term

## Treating Compressed Air

Compressed air is contaminated with solid particles, water vapour, odours, oil and aerosols. These contaminants from the atmosphere and compressor operation can cause problems in your system. Pulford offer simple expert advice and the necessary products to combat any air related problem specific to your application. Treating the air will ensure consistent air quality and, increase the compressor's air efficiency.

## An Australian Owned Company

Pulford Air Compressors are a 100% Australian owned designer and producer of quality compressed air systems. Pulford have maintained a leading position in the compressor market since 1925 and continue to do so with renowned quality and durability and by providing specialist knowledge and expert customer support.

**PULFORD**  
AIR COMPRESSORS

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