

## Austart

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### Australian Owned & Manufactured Pneumatic Starting Systems for Diesel, Gas Compression, Marine, Drilling, Power Generation, Mining and other Industrial applications.



#### Oil & Gas:

Major Oil & Gas manufacturers and repairers like Schlumberger, and Halliburton, rely on Austart air starters internationally! Austart offers ATEX-approved models for atmospheric explosive areas, like offshore rigs, power generators, and natural gas compressors.



#### Marine:

Austart air starters are extremely popular on inland waterway Tug/Push Boats, Barges, Fishing Trawlers, Military vessels, and Dredgers, within colder climates, and across different applications.

Organizations such as Blessey Marine, Laborde Products Inc, Royal Caribbean International, Trident Seafoods, Jan De Nul, and the U.S. Coast Guard/ U.S. Navy use KH Equipment-engineered Austart air starters to start their engines, backup generators, or fire pumps.



#### Mining:

Coal mining original equipment manufacturers such as Sandvik, Caterpillar, Australian Mining Equipment, VLI, and Torque enterprises rely on Austart air starters to keep staff safe, and mobile, above, and underground when mining!



#### Transport:

Austart has supplied the transport industry for over 40 years with starting options that include pneumatic, spring, and hydraulic. Industries include locomotive, trucking, marine, aviation, and aerospace.

Major organizations within transport, such as EMD, Mack, Kenworth, Penske, and Cummins, rely on Austart for moving expensive commodities over long distances or in colder climates.

### Austart Design Features Include:

- 30-150 psi Air or Gas Standard Operating Range
- Lube-free Turbine and Vane options available
- Standard nosecone or overhung pinion options
- Pre-engaged or Inertia drive options
- Light Weight design - from 5.5 to 20kg
- All metal components for long term durability
- Field Serviceable with NO special tools
- Right or Left hand rotations available
- Infinite 360° indexing of inlet for easy installation
- Alloy Steel and BCB pinion options available to suit any applications



# Austart Turbine Starters

Austart Turbine Air Starters for diesel and gas powered engines are the latest range of Air Starters designed for both general industrial and hazardous environments. Austart Turbine starters contain non-contact rotating motor parts eliminating the need for lubrication and extending the duration between service intervals. They are designed to withstand the harshest of environments such as underground coal mines and Oil & Gas installations. Austart Air Starters conform to the most stringent safety standards including ATEX certification.

## Austart ATS53 Series

For Diesel Applications  
up to 3 Litres



The ATS53 series has been designed for those smaller engine applications such as fork trucks or portable pump units. Many configurations are available for applications where lack of room is an issue.

### Key Features at 100 psi

|        |                  |             |                    |
|--------|------------------|-------------|--------------------|
| Weight | 12 lb (5.5 kg)   | Power       | 9 hp (6.6 kW)      |
| Torque | 31 ft lb (42 Nm) | Consumption | 4.4 scfs (125 l/s) |
| Speed  | 5500 RPM         | Noise Level | 100 dBa            |

## Austart ATS63 Series

For Diesel Applications  
up to 3 - 8 Litres



The ATS63 series is the first of our range with band clamps offering 360° rotation of the inlet port. This ensures ease of installation.

### Key Features at 100 psi

|        |                    |             |                    |
|--------|--------------------|-------------|--------------------|
| Weight | 16.5 lb (7.5 kg)   | Power       | 10 hp (7.4 kW)     |
| Torque | 50 ft lb (67.8 Nm) | Consumption | 4.7 scfs (132 l/s) |
| Speed  | 4500 RPM           | Noise Level | 100 dBa            |

## Austart ATS73 Series

For Diesel Applications  
up to 7 - 16 Litres



The ATS73 series is a powerful starter regularly used in the Australian Coal Mining Industry. Others which benefit from using this model are those in the Marine and Oil & Gas industries.

### Key Features at 100 psi

|        |                    |             |                  |
|--------|--------------------|-------------|------------------|
| Weight | 22 lb (10 kg)      | Power       | 26 hp (19.1 kW)  |
| Torque | 115 ft lb (156 Nm) | Consumption | 6 scfs (170 l/s) |
| Speed  | 4500 RPM           | Noise Level | 100 dBa          |

## Austart ATS83 Series

For Diesel Applications  
up to 14 - 30 Litres



The ATS83 series is suitable for larger engines and is commonly used in 'on highway' trucks. The Marine industry also frequently utilize this series of air starter.

### Key Features at 100 psi

|        |                      |             |                  |
|--------|----------------------|-------------|------------------|
| Weight | 36 lb (16 kg)        | Power       | 26 hp (19.1 kW)  |
| Torque | 130 ft lb (176.3 Nm) | Consumption | 6 scfs (170 l/s) |
| Speed  | 4000 RPM             | Noise Level | 100 dBa          |

## Austart ATS93 Series

For Diesel Applications  
up to 25 - 70 Litres



The ATS93 series has a high power to weight ratio allowing you to reliably start larger engines. Regularly used in the Marine industry and large mine haul trucks.

### Key Features at 100 psi

|        |                      |             |                     |
|--------|----------------------|-------------|---------------------|
| Weight | 38.5 lb (17.5 kg)    | Power       | 35 hp (25.7 kW)     |
| Torque | 210 ft lb (284.7 Nm) | Consumption | 13.5 scfs (380 l/s) |
| Speed  | 3600 RPM             | Noise Level | 108 dBa             |

## Austart ATS103 Series

For Diesel Applications  
up to 50 - 250 Litres



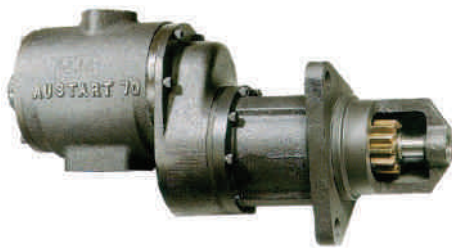
The ATS103 series is very successful within the marine industry to start large diesel, and in the oil and gas segment on gas compression engines.

### Key Features at 100 psi

|        |                      |             |                     |
|--------|----------------------|-------------|---------------------|
| Weight | 44 lb (20 kg)        | Power       | 60 hp (44.1 kW)     |
| Torque | 265 ft lb (359.3 Nm) | Consumption | 18.3 scfs (520 l/s) |
| Speed  | 4600 RPM             | Noise Level | 108 dBa             |

# Austart Vane Starters

Austart Vane starters are available in "Z" and "U" shaped configurations for those difficult applications where space is a major concern. Both lubricated vane and lube-free vane starters are available in many different flange and pinion options to suit most applications. All products are made from durable materials with high quality surface finishes and coatings to withstand the harshest of conditions. See various common vane starters below, for more information please contact us.



AS70



AS50U



AS69U

# Austart Accessories

Austart also supplies all necessary start system components. This includes manual or solenoid start valves, quick exhaust valves, Y strainers, relay valves and lubrication devices for use with Vane Starters.



Solenoid Valve



Quick Exhaust Valve



Y-Strainer



Relay Valve



Start Button



# Special Builds



Overhung Pinion



Various Exhaust Options



Inertia Drive System

## Genuine Parts

Austart supplies genuine spare parts for all starter models producing components at our in house manufacturing facility. Genuine service kits are available for all models and we strongly recommend the use of these for the best service life. However, be rest assured when using Austart, the support will always be there.



## Factory Re-manufactured Starters & Servicing

Austart offers genuine factory repairs on all non-electric starting products including Pneumatic, Spring and Hydraulic starting systems. Our work is not limited to just Austart branded products, which we manufacture, as we have extensive experience with all other brands. Our workshop is specially equipped with the latest engineering service tools for the job with all work performed by highly qualified and experienced field technicians.

All Austart air starters are tested thoroughly using processes that verify performance and reliability, meeting our stringent quality control systems to AS/NZS ISO9001



Dealer Sticker



Worldwide Distributor Network [www.austart.com/contact-us](http://www.austart.com/contact-us)

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