

## **Austart Turbine Starter models to fit every engine in your fleet.**

**Austart Turbine Starters are manufactured in a variety of models and configurations to suit the widest range of equipment applications.**

**Offering products with options including Pre-Engaged or Inertia Drive Systems, Enclosed Nose or Overhung Pinion, Standard or Harsh Environment Mufflers and Threaded Exhausts as standard equipment.**



### **There are many benefits to choosing Austart Products.**

**Light Weight – only 10 to 44lb (4.5 to 20kg)**

**Low Pressure Starting – as little as 35 psi (240 kPa)**

**NO Lubrication needed – no more oily mess after each start**

**Air or Gas Operation – all metal components for long term durability**



**The modular design with quick fit components can reduce machine down time and inventories for distributors and end users alike as various products feature interchangeable motor groups and drive ends. The employment of band clamps allow for quick installation and maintenance with easy 360 degree indexing as the simplest orientation system available for those tricky fit ups.**

**Austart Turbine Starting Systems for all your Diesel, Gas Compression, Marine, Drilling, Power Generation, Mining and other industrial applications.**

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**AUSTART - ATS63 Series**  
**Diesel Applications 3 – 8 Litres**



**Configurations Available**

- Rotation:** Righthand (cw)  
 Lefthand (ccw)
- Drive:** Pre-Engaged  
 Inertia  
 Overhung Pinion
- Exhaust:** Std or Harsh Environment Muffler  
 NPT Threaded Exhaust

**Key Features at 100 psi**

Weight	16.5lb (7.5kg)	Power	10 HP (7.5 kW)
Torque	50 ft lb (67 Nm)	Consumption	280 scfm (0.13 m³/S)
RPM	4500 RPM	Noise Level	100 Dba

**Performance Data**

Pressure PSI	Torque max. ft lb (Nm)	Pinion Speed max. RPM	Power max. HP (kW)	Consumption SCFM (m³/S)
50	25 ( 34 )	3700	3 ( 2.2 )	150 (0.07)
75	35 ( 47 )	4000	6 ( 4.4 )	200 (0.09)
100	50 ( 68 )	4500	10 ( 7.5 )	280 (0.13)
125	65 ( 88 )	4600	13 ( 9.7 )	360 (0.17)
150	75 (102)	4700	16 (11.9)	440 (0.21)

**AUSTART - ATS73 Series**  
 Diesel Applications 7 – 16 Litres



**Configurations Available**

- Rotation:** Righthand (cw)  
 Lefthand (ccw)
- Drive:** Pre-Engaged  
 Inertia  
 Overhung Pinion
- Exhaust:** Std or Harsh Environment Muffler  
 NPT Threaded Exhaust

**Key Features at 100 psi**

Weight	22lb (10 kg)	Power	26 HP (19.4 kW)
Torque	115 ft lb (156 Nm)	Consumption	360 scfm (0.17 m³/S)
RPM	4500 RPM	Noise Level	Noise Level 100 Dba

**Performance Data**

Pressure PSI	Torque max. ft lb (Nm)	Pinion Speed max. RPM	Power max. HP (kW)	Consumption SCFM (m³/S)
50	55 (75)	4100	14 (10.4)	220 (0.10)
75	80 (108)	4400	19 (14.2)	250 (0.12)
100	115 (156)	4500	26 (19.4)	360 (0.17)
125	130 (176)	4800	36 (26.8)	470 (0.22)
150	165 (224)	4900	42 (31.3)	590 (0.28)

**AUSTART - ATS83 Series**  
 Diesel Applications 14 – 30 Litres



**Configurations Available**

- Rotation:** Righthand (cw)  
 Lefthand (ccw)
- Drive:** Pre-Engaged  
 Inertia  
 Overhung Pinion
- Exhaust:** Std or Harsh Environment Muffler  
 NPT Threaded Exhaust

**Key Features at 100 psi**

Weight	35lb (16kg)	Power	26 HP (19.4 kW)
Torque	130 ft lb (176Nm)	Consumption	360 scfm (0.17m³/S)
RPM	4000 RPM	Noise Level	100 Dba

**Performance Data**

Pressure PSI	Torque max. ft lb (Nm)	Pinion Speed max. RPM	Power max. HP (kW)	Consumption SCFM (m³/S)
50	80 (108)	3200	14 (10.4)	220 (0.10)
75	100 (135)	3500	19 (14.2)	250 (0.12)
100	130 (176)	4000	26 (19.4)	360 (0.17)
125	160 (217)	4250	36 (26.8)	470 (0.22)
150	200 (271)	4400	42 (31.3)	590 (0.28)

**AUSTART - ATS93 Series**  
 Diesel Applications 25 – 70 Litres



**Configurations Available**

- Rotation:** Righthand (cw)  
 Lefthand (ccw)
- Drive:** Pre-Engaged  
 Inertia  
 Overhung Pinion
- Exhaust:** Std or Harsh Environment Muffler  
 NPT Threaded Exhaust

**Key Features at 100 psi**

Weight	38.5lb (17.5kg)	Power	35 HP (26.1 kW)
Torque	210 ft lb (285Nm)	Consumption	810 scfm (0.38m³/S)
RPM	3600 RPM	Noise Level	108 Dba

**Performance Data**

Pressure PSI	Torque max. ft lb (Nm)	Pinion Speed max. RPM	Power max. HP (kW)	Consumption SCFM (m³/S)
50	130 (176)	3100	18 (13.4)	560 (0.26)
75	160 (217)	3400	25 (18.6)	700 (0.33)
100	210 (285)	3600	35 (26.1)	810 (0.38)
125	250 (339)	3700	43 (32.1)	1050 (0.49)
150	310 (420)	3700	51 (38.0)	1310 (0.62)

**AUSTART - ATS103 Series**  
 Diesel Applications 50 – 250 Litres



**Configurations Available**

- Rotation:** Righthand (cw)  
 Lefthand (ccw)
- Drive:** Pre-Engaged  
 Inertia  
 Overhung Pinion
- Exhaust:** Std or Harsh Environment Muffler  
 NPT Threaded Exhaust

**Key Features at 100 psi**

Weight	44lb (20 kg)	Power	60 HP (44.7 kW)
Torque	265 ft lb (360Nm)	Consumption	1100 scfm (0.52m³/S)
RPM	4600 RPM	Noise Level	108 Dba

**Performance Data**

Pressure PSI	Torque max. ft lb (Nm)	Pinion Speed max. RPM	Power max. HP (kW)	Consumption SCFM (m³/S)
50	140 (190)	3700	28 (20.9)	800 (0.38)
75	210 (285)	4100	35 (26.1)	950 (0.45)
100	265 (360)	4600	60 (44.7)	1100 (0.52)
125	315 (427)	4800	66 (49.2)	1300 (0.61)
150	375 (508)	5000	80 (59.7)	1530 (0.72)

**AUSTART - Special Products**





## Special Products Available

Austart Special Products are designed to meet the specific requirements of your application whether it be engine starting or some other need. We work directly with the customer to tailor the exact product required from concept to project completion.

## Austart Turbine Design Features



- Lubrication Free
- Infinite 360° Indexing of Inlet
- Field Serviceable with NO special tools
- Efficient Low Air or Gas Pressure Starting
- Rugged Lightweight, All Metal Composition
- Self Balancing, Self Governing Turbine Wheel
- 30 – 175 psi Standard Operating Range



**Put Austart To Work For You!**

### Eliminate Downtime

Simple modular design will eliminate service calls for starter repair

### Designed to Last



### Fewer Moving Parts

Self Balancing, Self Governing turbine wheel outperforms the competition

### Eliminate Oily

Certified Aluminium Alloy and Steel Components that hold up under the worst environments

**World Patented Innovative Technology**

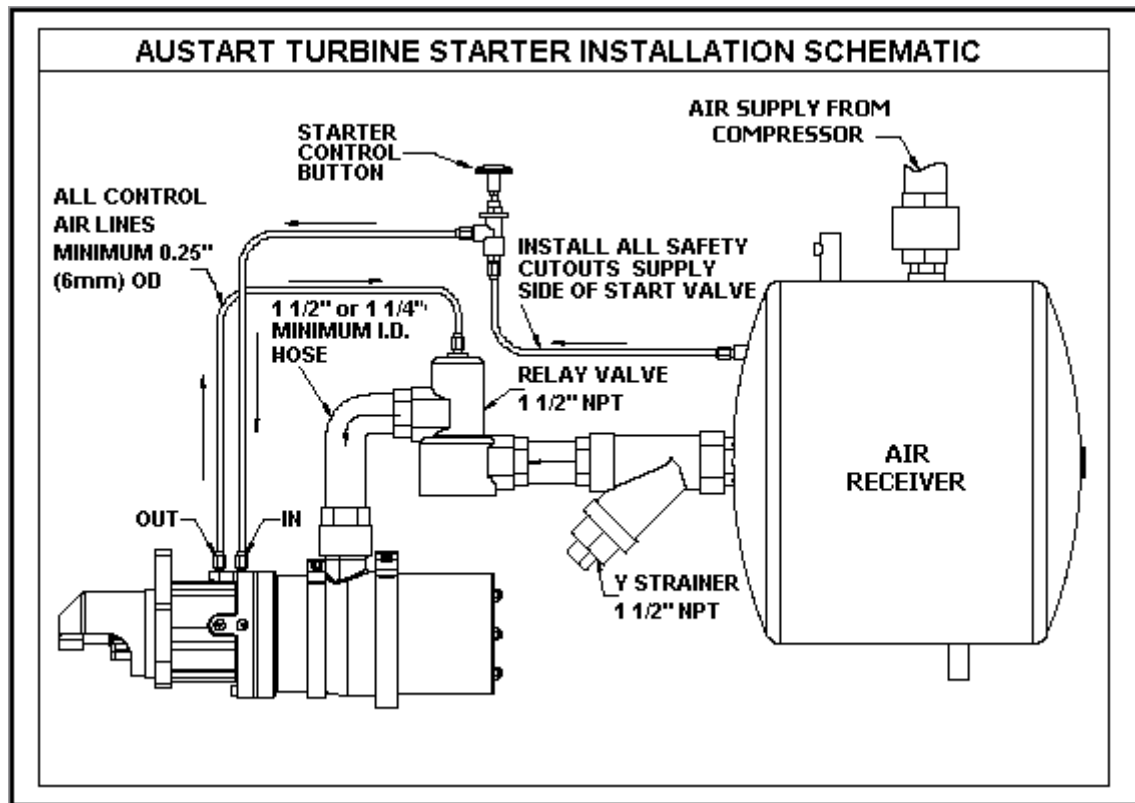
**Discharge**

Zero requirement for in line lubrication – avoids the mess of typical vane starter units

Break the cycle of continuous starter repairs and control your own starting system costs.



Contact us for an industry reference about the Austart Turbine Starter.



## AUSTART PRODUCT RANGE

	STARTER TYPE			DRIVE SYSTEM		PINION SYSTEM	
	VANE	TURBINE	LUBELESS	INERTIA	PRE-ENGAGED	NOSE CONE	OVERHUNG
AS50	✓			✓		✓	
AS50U	✓			✓		✓	
AS55	✓			✓			✓
AS55U	✓			✓		✓	
AS61	✓			✓		✓	
AS66	✓			✓		✓	
AS67	✓				✓	✓	
AS69	✓				✓		✓
AS69U	✓				✓		✓
AS6070	✓		✓		✓	✓	
AS70	✓			OPTION	✓	✓	
AS75	✓				✓		✓
AS7080	✓		✓		✓	✓	
AS80	✓			OPTION	✓	✓	
AS85	✓				✓		✓
AS90	✓			OPTION	✓	✓	
AS95	✓				✓		✓
AS100	✓			OPTION	✓	✓	
ATS53		✓	✓	OPTION	✓	✓	
ATS54		✓	✓		✓		✓
ATS63		✓	✓	OPTION	✓	✓	
ATS64		✓	✓		✓		✓
ATS73		✓	✓	OPTION	✓	✓	
ATS74		✓	✓		✓		✓
ATS83		✓	✓	OPTION	✓	✓	
ATS84		✓	✓		✓		✓
ATS93		✓	✓	OPTION	✓	✓	
ATS94		✓	✓		✓		✓
ATS103		✓	✓	OPTION	✓	✓	