



Mid-Range Turbine Engine Starter ST150 Series



Oil & Gas



Marine



PowerGen



Mining

REAL TOOLS FOR REAL WORK.™

The bar doesn't raise itself.

Ingersoll Rand ST150 Mid-Range Turbine Engine Starter

Introducing the Ingersoll Rand ST150 Series mid-range turbine engine starter. Packing a powerful 47 HP in a solid aluminum turbine motor, this new family of air starters is based on the patented next generation technology from the rugged, long lasting, easy to service, high performing and efficient ST1000 turbine starter. Built to withstand the toughest environmental and working conditions – combining robust features and flexibility to deliver reliable, heavy-duty starting in a wide variety of industrial, oil and gas, marine, power generation, rail, and mining applications.



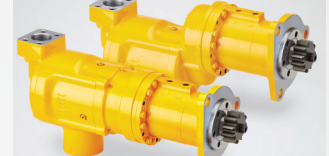
Rear Serviceable Motor



SRV/Strainer Valve



Solid Aluminum Turbine



Inline & Overhung Models

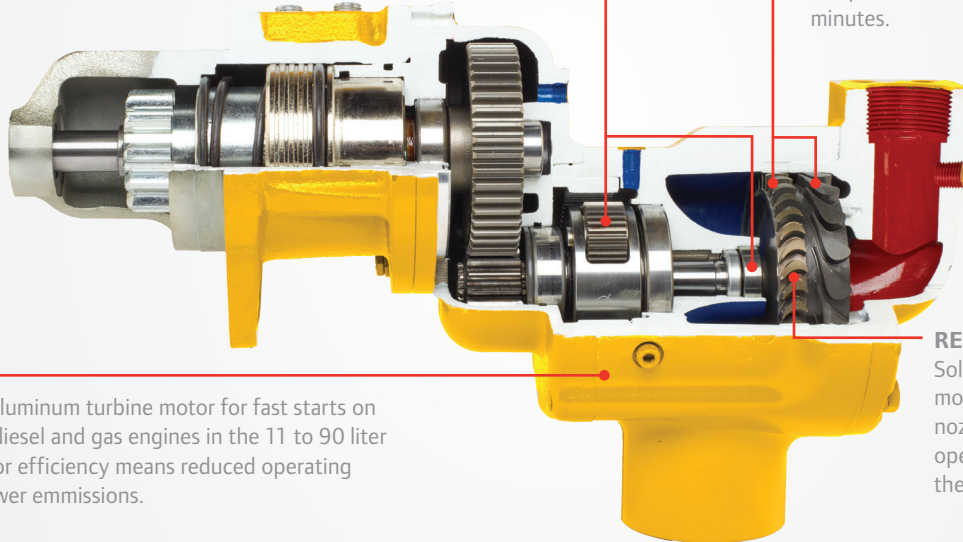
Features

DURABILITY

Rugged planetary gearing allows extended crank cycles. The patented, fully supported high-speed rotor extends bearing life by minimizing deflection and ensuring concentric running; a better alternative to cantilever designs.

SERVICEABILITY

Patented slip fit turbine motor design with half the parts of competitive units allow you to easily remove the rotor and change from low pressure to high pressure in a matter of minutes.



POWER

47HP solid aluminum turbine motor for fast starts on heavy duty diesel and gas engines in the 11 to 90 liter size. Superior efficiency means reduced operating costs and lower emissions.

RELIABILITY

Solid billet aluminum turbine motor with robust fins and nozzles and a clear single stage open flow path let you handle the harshest conditions.

Specs

Available in multiple configurations – inline and offset gear cases, pre-engaged and inertia engagement, standard and metric drive pinions, as well as non-standard mounting flanges. Sealed for use in gas and air applications.

Pressure psi (bar)	Breakaway Torque ft-lb (Nm)	Speed @ Max hp rpm	Max Power hp (kW)	Flow @ Max hp scfm (L/s)
ST159 Performance Information				
30 (2.1)	60 (81)	1465	8 (6)	315 (149)
60 (4.1)	125 (169)	1788	21 (16)	520 (245)
90 (6.2)	190 (258)	1938	35 (26)	725 (342)
120 (8.3)	240 (325)	2050	47 (35)	920 (434)

Pressure psi (bar)	Breakaway Torque ft-lb (Nm)	Speed @ Max hp rpm	Max Power hp (kW)	Flow @ Max hp scfm (L/s)
ST155 Performance Information				
60 (4.1)	100 (136)	1675	16 (12)	415 (196)
90 (6.2)	150 (203)	1825	26 (19)	580 (274)
120 (8.3)	200 (271)	1950	37 (28)	745 (352)
150 (10.3)	240 (325)	2050	47 (35)	905 (427)



irtools.com/ST150

REAL TOOLS FOR REAL WORK.

Ingersoll Rand (NYSE:IR) advances the quality of life by creating and sustaining comfortable and efficient environments. Our people and our family of brands — including Club Car®, Ingersoll Rand®, Thermo King® and Trane® — work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$12 billion global business committed to a world of sustainable progress and enduring results.