ST600 Air Starting Systems

**Ingersoll-Rand** Turbine Systems... unsurpassed quality and reliability. The ST600 Series Starter continues the Ingersoll-Rand tradition of offering the most dependable and innovative products to the marketplace. We have combined our best ideas into the ST600 Starter to create the lightest and most versatile starter yet. The ST600 Series Starter provides a lightweight, user friendly starter for mining; while utilizing proven dependable technologies for the marine and genset industries.

### FEATURES
- Lightweight
- IR patented pre-engaged drive
- Pre-Engage/Inertia Drives
- Multi-torque™ turbine motor
- Overhung pinion
- Turbine motor
- Extended drive housing pilot

### BENEFITS
- Weighs only 37 pounds, lightest in class
- Extends pinion & ring gear life
- Versatility to meet your requirements
- Eliminates need for over-speed devices, cools internal bearings
- Greatest flexibility for international applications
- No external lubrication needed, quieter operation
- Allows for single persons installations
ST650GB
Performance Curves

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<th>PSI</th>
<th>Torque @ maximum</th>
<th>Speed @ max hp</th>
<th>hp max</th>
<th>Flow @ max hp</th>
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<td>2400</td>
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<td>2550</td>
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ST699GB
Performance Curves

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<td>2600</td>
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SAE O-ring flanged fitting or 1½" NPT flange inlet

Aerodynamically speed limited turbine

Permanently sealed transmission (oil bath lubrication)

I-R designed and manufactured clutch

Easily interchangeable solid pinions (english/metric)

Pilot diameter extension

Newly designed planetary gear package

Air cooled bearings for longer life

No muffling material needed for quiet operation

Start Series
50% Arc
99% Arc
Gas Sealed*
Gear Ratio

Pinion
Rotation: R = Right
L = Left
Flange
P = Pre-Engaged
I = Inertia

These points are just the beginning. Your IR representative or distributor can demonstrate why the ST600 Series Starter is the best way to start your engine.

*Always use the ST600K-350 Exhaust Kit for Natural Gas applications.