

TURBOTWIN™ Model T30

Fast Compact Starting Power for Engines Up to 20 Liters

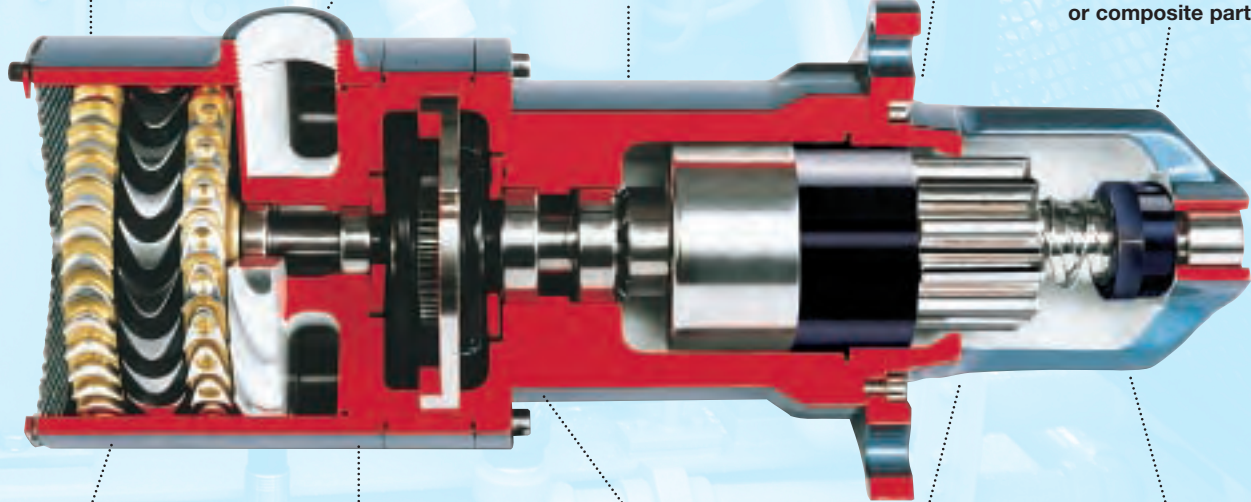
Proprietary TurboTwin Turbine design

Low consumption one inch NPT inlet

Weighs 29 pounds and is 11.5 inches from mounting flange to exhaust

Rotatable mounting flange provides installation flexibility

Heavy-duty construction all steel or aluminum alloys. No plastic or composite parts



Aerodynamic Speed Control prevents overspeed

Vane-less turbine motor is dependable even on dirty, wet air/gas

Environmentally safe with no required lubrication of the drive air/gas, bearings, or gears

No oil sumps to check and fill

Half the moving parts of other turbine starters. All parts are individually replaceable

T30-I Inertia Engagement

The T30-I (shown above) is the inertia engaged version of the T30. It meets high torque, low air/gas consumption requirements and, like the whole line of T30s, is natural gas ready.

T30-P Pre-Engaged

T30-P is the pre-engaged version of the T30. It features a posi-tork drive with over-running clutch, and requires the pilot-controlled TDI TurboValve relay valve.

T30-Y Pre-Engaged Overhung Pinion

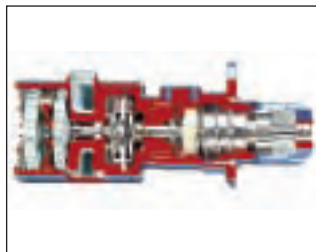
The versatile, pre-engaged overhung drive design was designed for European engines and features metric pinions and a wide variety of mounting options.

T30-M Industrial Air/Gas Drive Motor

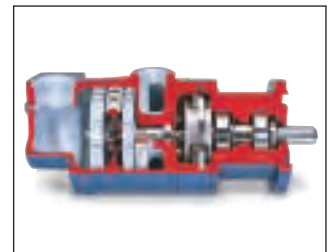
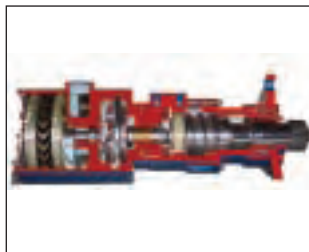
The T30-M is designed for pre-and-post-lube seal oil pump operation. It uses significantly less air and delivers the industry's highest torque in its class.



Exhaust Fittings for T30 - Muffler and exhaust fittings help manage air discharge on the T30 series air starters.



TDI developed the first turbine air starters in 1979. Today there are more TurboTwins in operation than all other turbine air starters combined. TurboTwin is not only the most reliable, it's also the most specified aftermarket turbine air starter among system packagers and engine end users.



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TURBOTWIN IS A COMPROMISE.

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The TDI *TURBO*TWIN™ is the World's Most Versatile Small Engine Air Starter



Oil & Gas



Marine



Mining



Gas Turbines

Lots of Power in Lots of Industries

The T30 generates up to 25% more stall torque than other starters in its class. Its highly efficient twin-turbine motor design gives you more cranking power with less air for faster starts. Unlike starters that require a mechanical automatic trip valve (ATV), the T30 uses aerodynamics to control motor speed, giving you total control over the start cycle.

Lightweight

At 29 lbs. (13.2 kg) the T30 is lighter and more compact than other starters in its class.

The Longest Lasting, Most Reliable Engine Starter—Here's Why:

The T30 Turbine Air Starter is designed to thrive in the world's dirtiest, messiest environments. Wet or contaminated air have no effect on the T30. There are no rubbing vanes to stick, swell or wear out—which translates into longer lasting, more reliable starting, regardless of conditions.

No Mess, No Fugitive Emissions

The vaneless design of the T30 is grease-packed for life, thereby eliminating fugitive starter exhaust emissions caused by messy, oily exhaust residues. Less mess, less

maintenance, and a clean environment for your engine makes sense, doesn't it?

No Plastic Parts and Half the Moving Parts Yield Quality

Quality has been designed into the T30. We've minimized the moving parts (less than half the number on competitive models). We refused to compromise the design by cutting corners with "plastic parts." The result is a rugged starter made of high-strength steel and aluminum alloys that lasts longer and delivers significantly more starting cranks than other similar-size systems.

