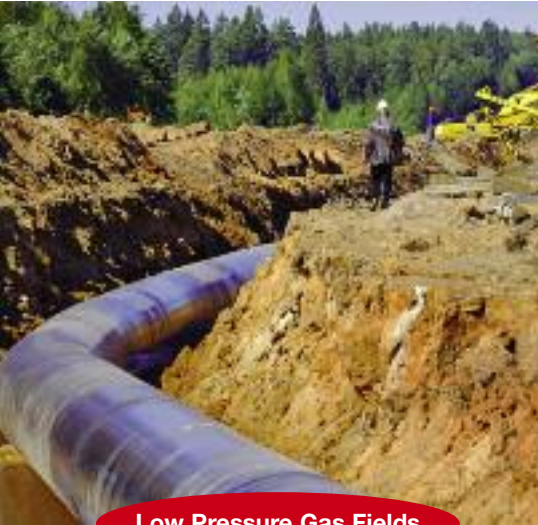
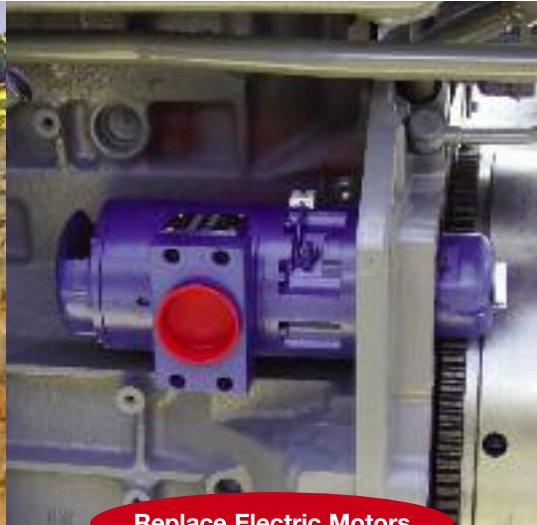


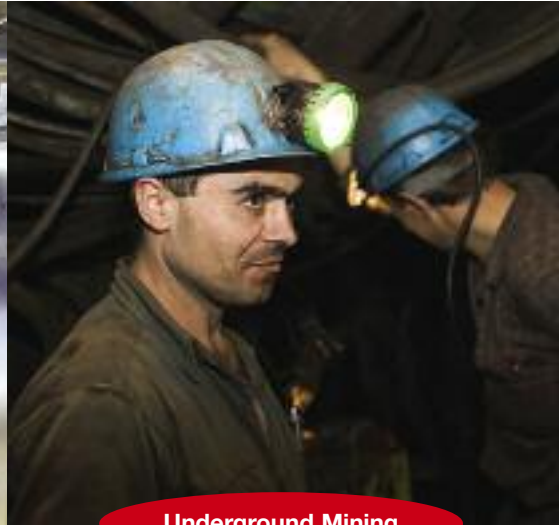
# Compact T20 Handles Harsheset Contaminants in Underground Mines and Low Pressure Gas Fields



Low Pressure Gas Fields



Replace Electric Motors



Underground Mining

## Packages as Small as 6 Inches Long Delivering up to 15hp!

It's 15hp in the palm of your hands. T20 is the ultimate combination of big power at low pressure in a durable, robust package. It's high performance starting designed for reliability in the world's harsheset, most contaminated environments.

## A New Low – 12hp @20 psi.

When you need serious starting power at low pressure, nothing delivers more performance than the new TurboTwin T20. It's the new low pressure starting champion.

## Easy Upgrade Replacement of Electric Starters.

TDI designers did everything possible to help end users tired of electric and vane-type starters to upgrade to turbine technology. Compare specs, size, air requirements, footprints, and exhaust options. Improving reliability and performance is seamless with T20.

## Great for Low Pressure Gas Applications

Low pressure, dirty, or wet gas is no problem for the T20. The T20 sets the new standard for reliable performance in the world's most challenging applications.

## Efficient Exhaust Design with Many Configurations.

Exhaust configurations are available for the many applications customers might require.

## Ideal for Underground Mining Applications.

The all steel exterior construction of the T20 coupled with its small footprint and low pressure capability make it perfect for starting engines up to 6 liters displacement.

## TurboTwin Field-Proven Reliability

The TurboTwin Brand owns the distinction of having the most air/gas turbine starters in the field, and the most turbine air starters operating in the world's harsheset and most demanding environments.



T20 is available in more than 20 configurations.

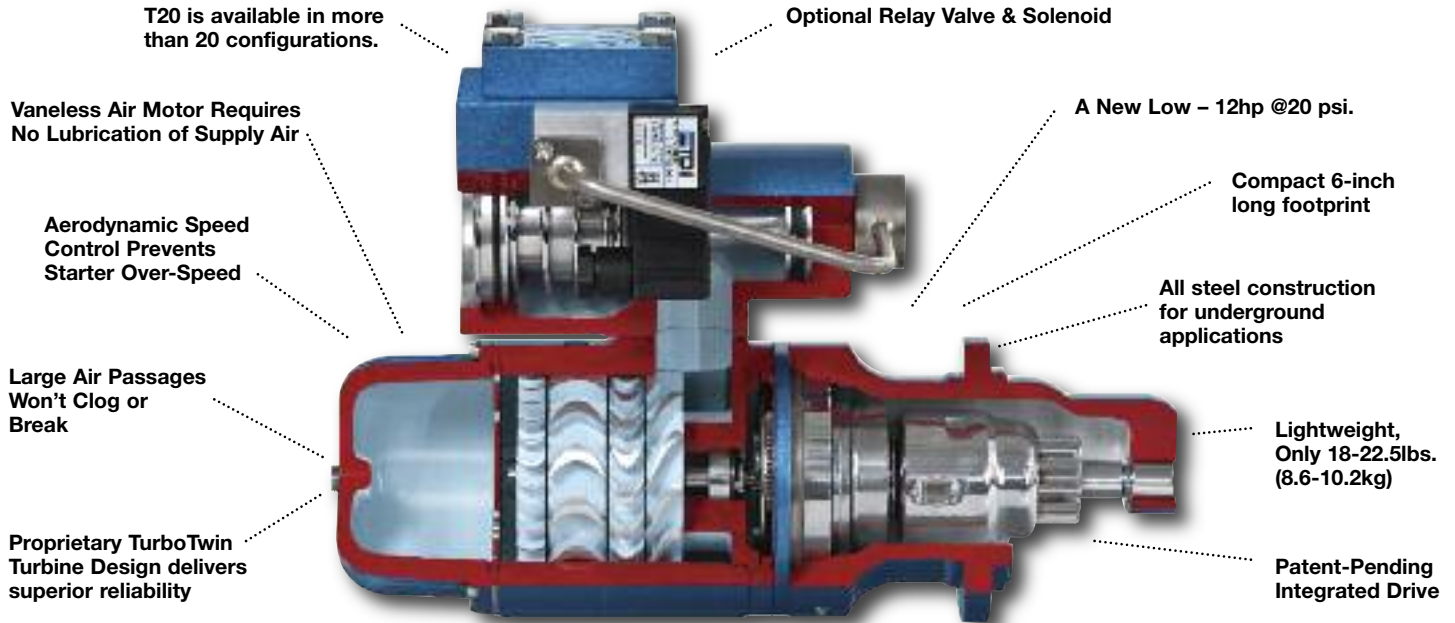


T20 installed on a CAT G3306 compressor.



ANYTHING LESS THAN A TURBOTWIN™ IS A COMPROMISE.

# Versatile T20 Turbine Air Starter



## T20 SPECIFICATIONS

**Engines:** Designed for Diesel Engines up to 6 liters or Gas engines up to 8 liters.

**Design Configuration:** Inertia Engaged

**Pinions:** Std. 8/10 Pd / 12T  
Std. 8/10 Pd / 10T  
10 Pd / 10T  
10 Pd / 11T

**Mounting:** SAE #2 & 3  
SAE# 4  
SAE #1 Offset for Cummins  
5.9 L engine (Contact TDI)  
Ford 460 (special)

**Weight:**  
SAE #4 with Inlet 18 lbs 8.2 Kg  
SAE #3 with Relay Valve 22.5 lbs. 10.2 Kg

**Power:** 12HP @ 20 Psig (1.4 Bar) @ 1700 rpm (12 Noz.)  
15HP @ 40 Psig (2.8 Bar) @ 2000 rpm (6 Noz.)  
15HP @ 60 Psig (5.4 Bar) @ 2000 rpm (4 Noz.)  
12HP @ 150 Psig (10 Bar) @ 2500 rpm (2 Noz.)

### Operating Pressure Range:

Nozzles	PSIG	BAR
2	150	10.0
4	60	6.1
6	40	2.8
12	20	1.4

**Rotation:** RH & LH

**Supply Gas:** Air and Natural Gas

**Lubrication:** Grease Packed for Life

**Gear Ratio:** 13.0:1

[www.tdi-turbotwin.com](http://www.tdi-turbotwin.com)  
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