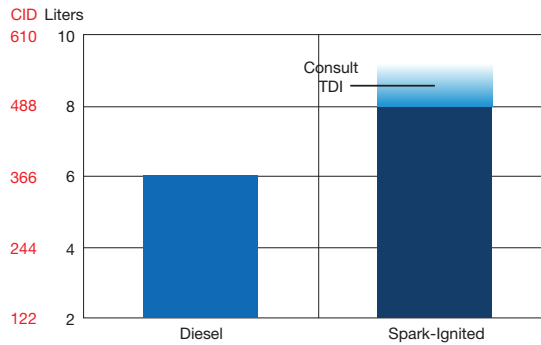


Specifications:

T20 Turbine Air Starters

Ideal Solution for
Low Pressure
Gas Fields &
Underground
Mining

Engine Displacement Chart For T20 Series Air Starters



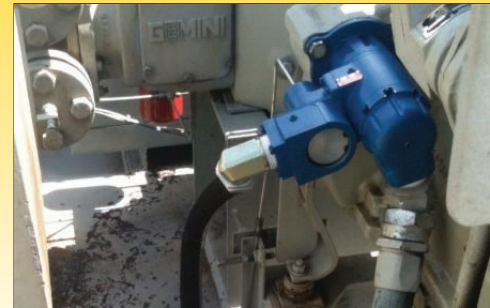
Consult your TDI distributor and the TDI Selection Guide before choosing a TDI TurboTwin starter for any application.

This selection chart shows basic starter capability by engine size. Note the chart shows four-stroke diesel engine size on the left and four-stroke, spark-ignited engine sizes on the right. Always consult TDI for application-specific capability.

T20 Available in Many Configurations

T20 is a versatile air starter available in many configurations to meet your specific application requirements.

Contact the factory or visit the T20 page on our website at www.tdi-turbotwin.com



T20 on CAT G3306 compressor.



T20 installed on Deutz 1013 engine.



T20 installed on 5.9 Cummins engine.

SPECIFICATIONS

Engines: 6 Liters and Under
John Deere 4045
Cummins 5.9
Caterpillar 3304 and 3306
Ford 460
GM 454
Continental TM27

Weight: SAE #4 with Inlet
18 lbs (8.2 kg)
SAE #3 with Relay
Valve 22.5 lbs. (10.2 kg)

Rotation: RH & LH

Design Configuration: Inertia-Engaged

Air/Gas Supply: Compressed Air
or Natural Gas

Common Pinion Configuration: Std. 8/10 Pd / 12T
Std. 8/10 Pd / 10T
10 Pd / 10T
10 PD / 11T

Lubrication: Grease-Packed
for Life, None
Required

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

Gear Ratio: 13:1

Horsepower: (on Methane)
15 hp (11kW) @ 150 psig
(10.3 BAR) @ 3200 rpm
(2 Nozzle)
17 hp (12.5kW) @ 60 psig
(4.1 BAR) @ 2600 rpm
(4 Nozzle)
18 hp (13.2kW) @ 40 psig
(2.8 BAR) @ 2500 rpm
(6 Nozzle)
15 hp (11kW) @ 20 psig
(1.4 BAR) @ 2300 rpm
(12 Nozzle)

Operating Pressure Range:

MODEL	NOZZLES	PSI	BAR
T20	2	150	10.3
T20	4	60	4.1
T20	6	40	2.8
T20	12	20	1.4

For applications in the 15–30 psig (1–2.1 BAR) range, consult your TDI distributor for best nozzle configuration.

**FOR ENGINE COMPATIBILITY AND
STARTER REPLACEMENT INFORMATION,
SEE TABLE ON PAGE 31 OR CONSULT
YOUR TDI DISTRIBUTOR.**

