

# Next Level TDI Reliability. One Starter Handles Engines from 16-160 Liters



**Under 40lbs. Over 50 HP.**



# TurboTwister Turbine Air Starters

## The Simplicity of One Starter for Your Entire Fleet of Engines

- Starts engines from 15-160 Liters
- 45-150 psig (3.1-10.3 BAR)
- Up to 52hp (39kW) on compressed air
- TDI's most powerful air starter
- Most power per unit of air in the industry
- 38lbs (17.2kg)
- Significantly reduces inventory levels
- Easier starter replacement
- Tolerant to air supply contamination
- Aerodynamic speed control preventing overspeed and gear box burnout on extended cranking cycles
- Grease-packed gears and bearings for maintenance-free operation

## TurboTwister Starts Engines from 15-160 Liters

Engine Mfgs.	Diesel Engine Models	Dual T6 Starter Apps
Caterpillar	C9, C15, C27, C32, C175 (16-20 cylindr), 3400, 3500, 6L, 8L 3600, 6L, 8L 280	12V & 16V 3600 series, 12V, 16V C280 Series
Cummins (diesel)	19L, 38L, 50L, QSK38, QSK392, QSK78, QSK95, HSK78 G (air)	
EMD	6L, 8L, 12V, 16V 645 series, 6L-8L, 12V 710 Series	20-645, 16V, 20V 710 Series
GE	6L, 8L 228 Series & 6L, 8L 250 Series	
Hyundai	5-7 H21/32, 8-9 H 21/32, 8-9 H 21/32, H25/33, H27-38	
MAN	16/24 & 21/31	32/44
MTU	Series 4000 (all)	
STX	L27/38	
Wärtsillä	W20 & W26	W34
Yanmar	N18, N20, EY-18, EY-22, & EY-26	

This table shows the versatility of TurboTwister and the various sized engines it will start. Standardizing with TurboTwister will allow you to reduce your inventory and simplify the replacement process.

## Choose from 3 TurboTwister Configurations

### T6A Starter Only

### T6B Starter with Integrated Relay Valve



- ▶ **T6 A&B feature** a basic downward-directed exhaust & screen on the outlet.

### T6C Fully Integrated Start System

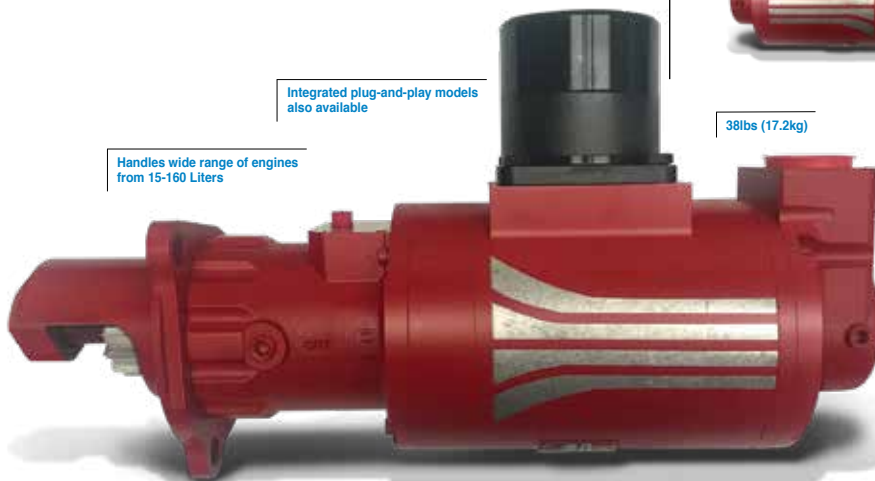


- ▶ **T6C is available as an integrated Starter with integrated Relay Valve & Solenoid** for a compact start system with flow matched components.

### T7A Stand Alone / Gas Compliant



- ▶ **The T7A unit for applications using gas as supply** – The unit is a stand-alone starter with 3" NPT threaded exhaust (shown) and is available to meet necessary regulatory compliance requirements. Other exhausts options also available.



Integrated plug-and-play models also available

Handles wide range of engines from 15-160 Liters

38lbs (17.2kg)

Most power per unit of Air in compact footprint

Operating pressure 45-150 psig (3.1-10.3 BAR)

Configuration options to meet needs of your application

**TDI**  
TECH DEVELOPMENT

**STARTING THE MACHINES THAT RUN YOUR BUSINESS**

6800 Poe Ave. • Dayton, OH 45414

Tel: 937-898-9600 • Fax: 937-898-8431

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