

PNEUMATIC TORQUE TOOL

The pneumatic torque tool has been designed for the purpose of deck and shop testing of rotary override actuated valves. The tool has the capability to operate valves in the class 1 to 4 range. This tool is designed to have shop air between 80-100 psi supplied to the test stand. The torque tool has been outfitted with a torque transducer to be used along with the TTT series 3 torque tool tester. An Oceaneering approved laptop computer with required software is also provided for torque logging purposes.

Technical Data / Specifications

Torque Tool overall dimensions

Height (Nose to Tip of Handle)	36 in
Length	12 in
Width	9 in
Nose Diameter	5.95 in
Nose length	6.75 in

Materials of Construction

- Stainless Steel, 17-4, 316 S.S.
- Aluminum 6061-T6

Supply Pressure (nominal)

- 80-100 psi

Output Pressure (locking cylinders)

- 80-100 psi (inlet dependent)

Output Flow (pneumatic motor)

- 0-100 psi (regulator controlled)

Torque Output

Class 1	50 LBF – ft
Class 2	200 LBF – ft
Class 3	1,000 LBF – ft
Class 4	2,000 LBF – ft
Max Torque	2,500 LBF – ft

