



The EvoTorque®2 is an electronic torque tool designed for accurately applying torque to threaded fasteners. Tools are factory calibrated to $\pm 3\%$ of reading. The unique 'intelligent joint sensing' technology continually measures the joint during tightening and, when necessary, employs dynamic braking to avoid torque over-shoot due to motor inertia. Consequently, EvoTorque®2 can apply torque accurately over a wide range of joint rates from hard (high torque rate) through to soft (low torque rate). All EvoTorque®2 tools are highly tolerant of supply voltage and frequency variation. When the tool runs, it will run accurately. If the supply voltage is outside of tolerance then, as a safety feature, the tool will be prevented from starting.

The EvoTorque®2 has the ability to memorise multiple targets, work IDs, user IDs and readings. A work sequence (flow) can be performed on the EvoTorque®2, taking the user through a pre-defined tightening sequence. The tool has three modes of operation: Torque, Torque and Angle and Torque Audit. The unique Audit Mode is a sophisticated feature for testing pre-tightened bolts with minimal impact on the original fastening torque and can provide quality control data for monitoring joint performance over time. EvoTorque®2 builds on the original tool with these additional features:

- Display and on-board storage of final torque or torque and angle values
- 3000 reading memory, time and date stamped
- USB and Bluetooth® 4.0 data transfer (also called Bluetooth® Smart)
- Complementary PC software 'EvoLog' for data management and tool configuration
- Ability to produce and store graphs from the EvoTorque®2 tool in EvoLog
- 12 user IDs can be downloaded to the tool and results can be stored against individual users
- 'Usage Counter' so that it is possible to see how many times the tool has been used since the usage was last reset
- Colour OLED display, clearly visible even in poor lighting
- Capacity for setting 20 stand-alone targets plus 20 work sequence targets on the tool
- Results can be uploaded in real time
- Extended ASCII mode to enable the tool to be integrated in third party control systems
- Results can be output in CSV (comma-separated values) format for users not able to use EvoLog
- Calibrated from 20% to 100% of tool range
- In Torque Mode, Torque & Angle Mode and Audit Mode, torque can be set from 10% of tool maximum

EVOTORQUE® 2



Colour OLED display shows torque and angle values



Display can be powered up independently of tool for data transfer (via USB)



Built in Bluetooth® for wireless data transfer

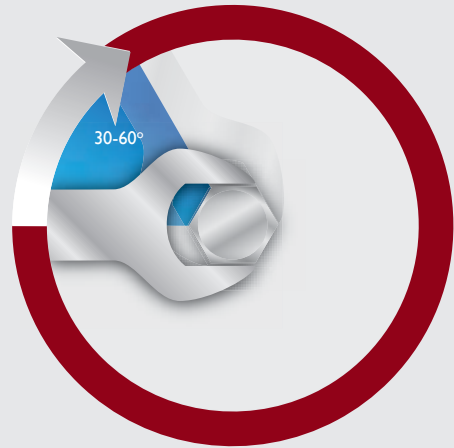


Communication between tool and PC either wirelessly using Bluetooth® 4.0 or wired using supplied USB cable

EvoTorque®2's Intelligent joint sensing technology always detects which type of bolt you are working with.

Hard joints

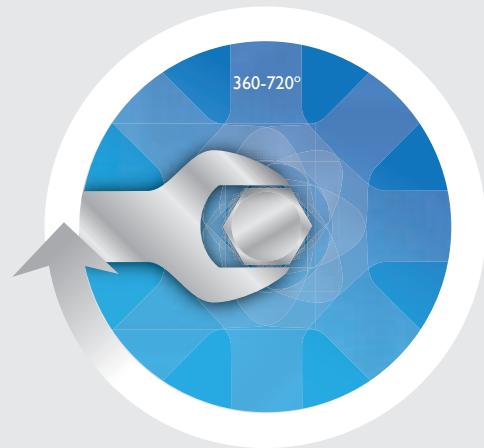
(High Torque Rate*)



Joints completed within the range 30-60 degrees

Soft joints

(Low Torque Rate*)



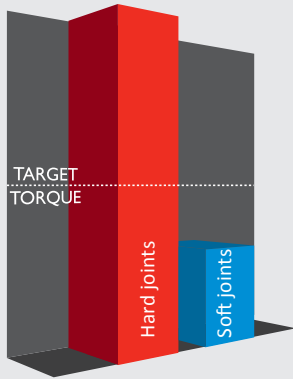
Joints completed within the range 360-720 degrees

*High torque rate and low torque rate as defined by ISO5393 "Rotary tools for threaded fasteners- Performance test method"

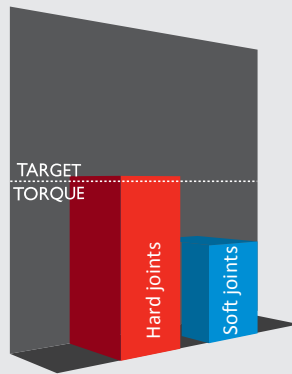


Traditional electronic torque tools give vastly different results depending on the joint type. Norbar's intelligent joint sensing technology eliminates these issues so that you can be confident in your bolting work.

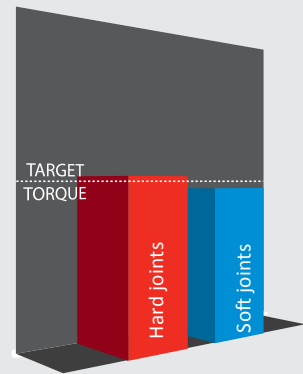
First generation



Best of present generation



New generation EvoTorque®2



ET2-72 (1000 & 1350)



ET2-72 (2000)



ET2-92 (2700 & 4000)



ET2-119 (6000)

| 11 | EVOTORQUE® 2 - 110 V |
|------------|---|
| 180230.B06 | ET2-72-1000-110 ¾" sq. dr., 200 - 1000 N·m |
| 180231.B06 | ET2-72-1350-110 ¾" sq. dr., 270 - 1350 N·m |
| 180232.B08 | ET2-72-2000-110 1" sq. dr., 400 - 2000 N·m |
| 180233.B08 | ET2-92-2700-110 1" sq. dr., 540 - 2700 N·m |
| 180234.B08 | ET2-92-4000-110 1" sq. dr., 800 - 4000 N·m |
| 180235.B12 | ET2-119-6000-110 1½" sq. dr., 1200 - 6000 N·m |

| 11 | EVOTORQUE® 2 - 230 V |
|------------|---|
| 180220.B06 | ET2-72-1000-230 ¾" sq. dr., 200 - 1000 N·m |
| 180221.B06 | ET2-72-1350-230 ¾" sq. dr., 270 - 1350 N·m |
| 180222.B08 | ET2-72-2000-230 1" sq. dr., 400 - 2000 N·m |
| 180223.B08 | ET2-92-2700-230 1" sq. dr., 540 - 2700 N·m |
| 180224.B08 | ET2-92-4000-230 1" sq. dr., 800 - 4000 N·m |
| 180225.B12 | ET2-119-6000-230 1½" sq. dr., 1200 - 6000 N·m |

The EvoTorque®2 is supplied in a cardboard box as standard, if a sturdier case is required Norbar can provide a Peli Case at an additional charge. Please add .PEL on to the end of the part number when ordering. Optional Peli case at additional cost; part number 26969 for tools 1000 N·m - 2000 N·m and part number 26971 for tools 2700 N·m - 6000 N·m.



Standard Box



Optional Peli Case
Part No. 26969 or 26971

