



EVOTORQUE® 2
 AN EVOLUTION FOR TORQUE CONTROL



NORBAR PRODUCT PORTFOLIO

- Torque Screwdrivers
- Torque Wrenches
- Electric Torque Wrenches
- Manual Torque Multipliers
- Pneumatic Torque Tools
- Electric Torque Tools
- Torque Measurement Instruments
- Torque Transducers
- Ultrasonic Bolt Measurement
- Calibration Services

GLOBAL SERVICE

Norbar is the only torque equipment manufacturer capable of offering tool and instrument calibration services to the original factory standards on four continents.

Accredited laboratories in Australia, USA, Singapore, China and India operate the same equipment and procedures as the UKAS accredited laboratory within our headquarters in the UK.

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EVERY JOINT IS DIFFERENT.
EVOTORQUE® 2'S INTELLIGENT JOINT SENSING TECHNOLOGY ALWAYS DETECTS WHICH TYPE OF BOLT YOU ARE WORKING WITH.

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.

Hard joints
 (High Torque Rate*)



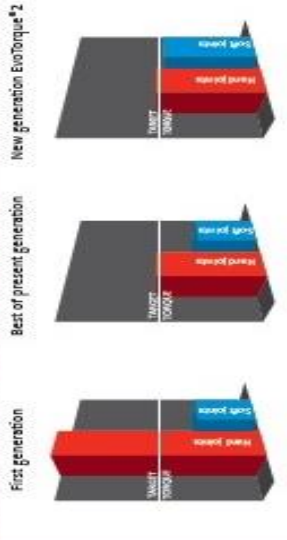
Soft joints
 (Low Torque Rate*)



Joints completed within the range 30-50 degrees Joints completed within the range 165-220 degrees

*High torque rate and low torque rate as defined by ISO 2033 "Key tools for threaded fasteners - Performance test method"

ACCURACY OF ELECTRONIC TORQUE TOOLS



NORBAR HAVE COMBINED PROVEN JOINT SENSING TECHNOLOGY, DATA MEMORY AND TRANSFER CAPABILITIES WITH TORQUE, TORQUE AND ANGLE AND AUDIT MODES TO PRODUCE A HIGHLY ACCURATE, USER FRIENDLY, ROBUST AND VERSATILE ELECTRONIC TORQUE TOOL

The EvoTorque® 2 is an electronic torque tool designed for accurately applying torque to threaded fasteners. The unique 'intelligent joint sensing' technology continuously measures the joint during tightening and, when necessary, employs dynamic braking to avoid torque over-shoot due to motor inertia.

Durable full case - for user storage - available at an additional cost.

Tool supplied in cardboard case as standard

Brushless motor for low maintenance

OLED display ensures visibility in all conditions. Key lock feature prevents unauthorised usage

Easily removable secondary handle for balanced handling of the tool

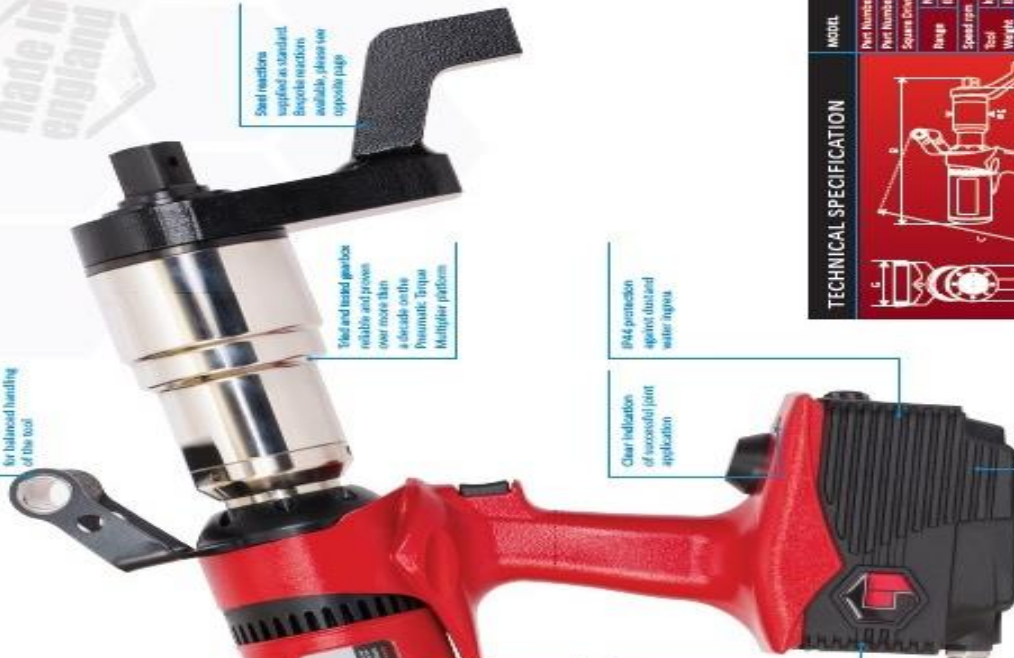
Steel reactions supplied as standard. Incomplete reactions available - please see opposite page

Tid and head gearbox reliable and proven over more than a decade on the Pneumatic Torque Multiplier platform

IP64 protection against dust and water ingress

Clear indication of successful joint application

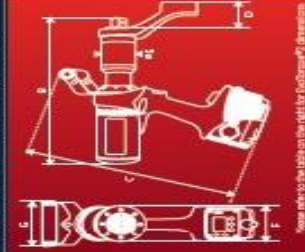
On-board control box making the tool more portable and convenient



KEY FEATURES

- Multiple units of torque measurement, including ft.lbs, N.m, lb.ft and kg.m
- Calculated from 100% to 1000% of tool range
- Torque, Torque & Angle and Torque Multiplier modes available
- In Torque and Angle Mode and Multi-Mark, torque can be set from 10% of tool maximum
- Double and on-board storage of full torque or torque and angle value
- 1000 reading memory, store and date stamped
- Clear indication of successful joint application
- USB and Bluetooth® 4.0 data transfer (also called Bluetooth® Smart) connectivity
- Core Industry PC software 'Torque' for data management and tool configuration
- 12 user IDs can be downloaded to the tool and results can be stored against individual users
- 20 unique reaction lock targets plus 20 unique work group targets for work group
- Results can be output to CSV (comma-separated values) format for users not able to use Torque
- Ability to produce and store real time graphs via Torque
- Torque & Angle with Real Torque
- 'User' reaction plate ability to be in the event of those the tool has been used since the last use
- 'Operation Director' feature designed primarily for unloading bolts. When doing extensive tightening, it is now possible to auto an incorrectly tightened bolt without interrupting the sequence
- Two range tightening gives faster applications of 1.5mg Torque & Angle target
- 'Turn Angle' option can be used to check if bolts have already been tightened in an assembly process
- Allow tool elongation into start party control systems
- Two different lock levels, lock level 1 as per previous lock, lock level 2 will allow users to exit the system or change the target
- Maximum audit mode target angle increased to 7.50 degrees

TECHNICAL SPECIFICATION



Now refer to the table on the right for EvoTorque® dimensions

MODEL	Per Number - 110V	Per Number - 230V	Net Weight - 110V	Net Weight - 230V	Net Weight - 110V	Net Weight - 230V	Net Weight - 110V	Net Weight - 230V	Net Weight - 110V	Net Weight - 230V
E-20-200-110	180201.002	180201.003	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
E-20-200-230	180201.004	180201.005	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
E-40-400-110	180202.002	180202.003	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
E-40-400-230	180202.004	180202.005	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
E-60-600-110	180203.002	180203.003	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
E-60-600-230	180203.004	180203.005	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
E-80-800-110	180204.002	180204.003	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
E-80-800-230	180204.004	180204.005	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
E-100-1000-110	180205.002	180205.003	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
E-100-1000-230	180205.004	180205.005	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7

Supplied with complementary PC software 'Torque' for data management and tool configuration

Several reaction bar types available, including versions for restricted space application

Steel and aluminium versions available plus specific reactions for the Wood industry