



CONNECTED TOOLS



- EBT for use with G400 and G400MP 76
- Torque Controller System Global 400 Series 77
- Multi-Port Torque Controller System Global 400MP Series 77

These systems are designed to error proof processes where highly customised products are assembled. When combined with the EBT customers can ensure correct torque has been achieved at key critical bolting steps of their processes monitored by the Global 400 or Global 400MP.





EBT FOR USE WITH G400 AND G400MP



Norbar’s highly accurate transducer controlled EBT battery powered torque tool perfectly complements and connects with Sturtevant Richmond’s Global 400 series Torque Controller systems via Xbee radio. These systems are designed to error-proof processes where highly customised products are assembled. When combined with the EBT customers can ensure correct torque has been achieved at key critical bolting steps of their processes monitored by the Global 400 or Global 400MP.

EBT is a transducer controlled battery powered torque tool designed for accurately applying torque to threaded fasteners. 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. Both accuracy and repeatability of ±3% of the setting within the calibrated range.



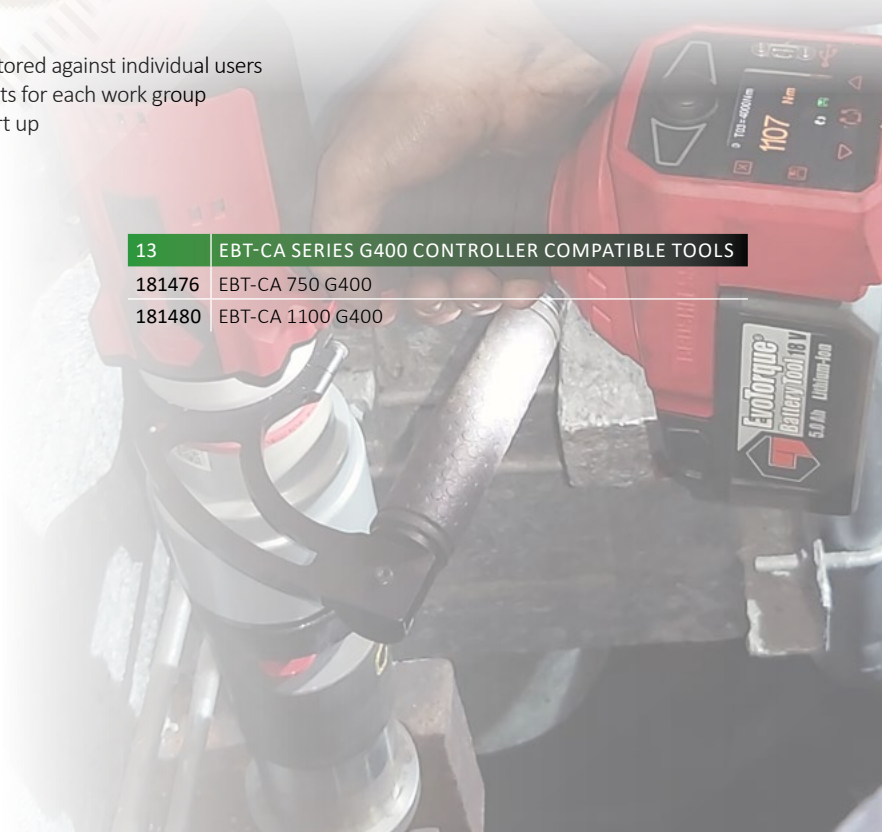
- Powerful motor coupled with either a single speed or auto two speed gearbox for rapid joint completion times
- Tool is not constrained by power cable or hose, improving safety, convenience and versatility
- OLED display ensures visibility in all conditions
- Clear indication of successful joint application
- 12 user IDs can be downloaded to the tool and results can be stored against individual users
- 20 unique stand-alone targets plus 20 unique work group targets for each work group
- 'Safe to start' button ensures hands are safely positioned at start up
- Quiet with noise levels that do not exceed 79.1dB(A)
- Non-impacting with vibration that do not exceed 2.5m/s²

13 EBT SERIES G400 CONTROLLER COMPATIBLE TOOLS

180357	EBT 800 G400
180453	EBT 1350 G400
180477	EBT 1350-AUT G400
180549	EBT 2700 G400
180573	EBT 2700-AUT G400
180645	EBT 4000 G400
180669	EBT 4000-AUT G400
180858	EBT 800 G400 ST
180906	EBT 1350 G400 ST
180930	EBT 1350-AUT G400 ST
180954	EBT 2700 G400 ST
180978	EBT 2700-AUT G400
181002	EBT 4000 G400
181026	EBT 4000-AUT G400 ST

13 EBT-CA SERIES G400 CONTROLLER COMPATIBLE TOOLS

181476	EBT-CA 750 G400
181480	EBT-CA 1100 G400



For more information contact Norbar.



TORQUE CONTROLLER SYSTEM GLOBAL 400 SERIES

**Utilise connected wireless tooling to error-proof your processes**

The Global 400 is designed to organise workstations where highly customised products are assembled. It can work with 16 primary torque tools, 8 holding tools and an additional 8 I/O tools. It has the capacity for 100 sets of parameters that can be grouped allowing 4 operators to work as a team. These parameters or groups can be formed into jobs containing a fixed build sequence of up to 35 steps. Error-proofs your processes using connected wireless tooling.

- Supports up to 16 Sturtevant Richmond tools as well as the Norbar EvoTorque® Battery Tool
- Works with many protocols and MES systems (EitherNet IP, Open Protocol, Toolsnet, 24 Volt I/O)
- Supports the use of barcode scanners to further error proof your process
- Has the capability for 100 sets of parameters
- 10 pin I/O connector providing discreet I/O capabilities

System Capabilities:

- 6 inch diagonal, back-lit colour LCD display
- USB-A connector for use with barcode scanner, or updating firmware and saving files
- RS-232 D-Sub9 Connector for use with serial barcode scanner or serial printer
- Key switch for programming access, 21 function keys for programming
- Adjustable and programmable beeper for audio communication



MULTI-PORT TORQUE CONTROLLER SYSTEM GLOBAL 400MP SERIES

**Designed to organise multiple workstations where highly customised products are assembled**

The Global 400mp distributes all the power, flexibility, ease and capabilities of the Global 400 over 4 individual network interfaces. The result? Up to 4 operators can work independently and don't even have to be in the same work cell.

4 separate network interfaces and Global 400mp architecture eliminate the need for groups in order to support simultaneous work.

Parameters are formed directly into jobs. With 4 network interfaces each operator can work on their own job, independent of the other operators.

The Global 400mp can be applied to assembly, repair and maintenance operations.

- Has the ability to work with 4 different stations/operators simultaneously through multiple ports
- Supports up to 16 Sturtevant Richmond tools as well as the Norbar EvoTorque® Battery Tool
- Works with many protocols and MES systems (EitherNet IP, Open Protocol, Toolsnet, 24 Volt I/O)
- Supports the use of barcode scanners to further error proof your process
- Has the capability for 100 sets of parameters
- 10 pin I/O connector providing discreet I/O capabilities

