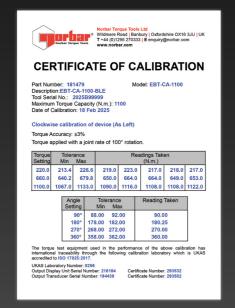
PARTS INCLUDED

All EBT-CA tools are supplied as standard in a bespoke compact carry case which contains a certificate of calibration, the tool, 2 batteries, 1 single bay battery charger, applicable cranked reaction, USB, operator manual and quick reference





A variety of reaction plates and adaptors, together with ancillary feet, blades and heads are available to aid use. Contact Norbar for details.

	MODEL						
DESCRIPT	EBT-CA-750	EBT-CA-1100					
Blade Reaction		19859	19870				
Wheel Reaction Assembly	O CO	19864	19872				
6" Bladed Extension	A.	19876.006	-				
9" Bladed Extension	ı	19876.009	19879.009				
Weld Ring		19871	19784				
6" Nose Extension	Î	19869 ¾" Sq. Dr.	-				





Norbar is the only torque equipment manufacturer capable of offering tool and instrument recalibration services to the original factory standard on four

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



NORBAR TORQUE TOOLS LTD
Wildmere Road, Banbury, Oxfor Wildmere Road, Banbury, Oxfordshire, OX16 3JU Tel: + 44 (0)1295 753600



NORBAR TORQUE TOOLS 45-47 Raglan Avenue, Edwardstown **AUSTRALIA** Tel: + 61 (0)8 8292 9777 Email: norbar@norbar.com.au

Email: sales@norbar.com



NORBAR TORQUE TOOLS INC 36400 Biltmore Place, Willoughby Ohio 44094

Tel: + 1 866 667 2272 Email: inquiry@norbar.us



NORBAR TORQUE TOOLS (SHANGHAI) LTD 91 Building- 7F, No. 1122, North Qinzhou Road Xuhui District, Shanghai CHINA 201103 Tel: + 86 21 6145 0368 Email: sales@norbar.com.cn



NORBAR TORQUE TOOLS INDIA PVT. LTD Plot No A – 168 Khairne Industrial Area Thane Belapur Road <u>Mahape Navi</u> Mumbai – 400 709

Tel: +91 22 4778 8110 Email: enquiry@norbar.in

When sending Battery Powered tools for service or calibration to any of our facilities batteries should not be sent with the tool, they are to stay with the

Our sites have batteries which we can use for all service work of customer

www.norbar.com



NORBAR PRODUCT PORTFOLIO



□□□□ Torque Screwdrivers





Electronic Torque Wrenches



Manual Torque Multipliers



Pneumatic Torque Tools



Electronic Torque Tools





Torque Measurement Instruments

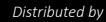


Torque Transducers



Ultrasonic Bolt Measurement











EVOTORQUE® BATTERY TOOL COMPACT ADVANCED STAY COOL. WORK HARD. BE ADVANCED.





WITH ITS INNOVATIVE FEATURES AND ADVANCED CONNECTIVITY THE EBT-CA EXCELS WHERE OTHER **TOOLS STALL**

Explore the next generation of smart, connected torque tools:

The EBT-CA is setting new standards in the torque multiplier market. Experience the blend of compact design, precise torque measurement and exceptional thermal management that makes the EBT-CA the tool of choice for those who refuse to compromise on safety and reliability.

REPEATABLE Accuracy:

The EBT-CA offers a torque accuracy of ±3%, ensuring every application meets precise specifications. With the EBT-CA, you can trust that every bolt is tightened to the correct torque.

ADVANCED Connectivity:

Work smarter and faster. Communicate directly to the EBT-CA from your mobile phone or PC. Manage tool settings, run diagnostic checks and access results and view graphs.

MAXIMISED Productivity:

Eliminate downtime caused by overheating and tool failures. The EBT-CA is engineered with a ground-breaking air flow system that keeps the tool cool, even during extended use. Its superior thermal stability ensures you can keep working without overheating.

DEPENDABLE Durability:

Built with premium components and utilising a robust design, the EBT-CA is made to withstand the rigours of heavy-duty use. Its reliability means reduced maintenance costs and fewer disruptions.



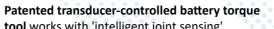


Brake Actuator for a underground train



Saved Results Graph

	EBT-C	EBT-CA				
Accuracy	±5%	± 3 %				
Comms						
Presets	10	50				
Torque Mode	•	•				
Torque Then Angle Mode	•	•				
Angle Mode		•				
Torque and Angle Monitoring		•				
Audit Mode		•				
Result Storage		•				
Úser ID		•				
PC Software	ū	•				
Phone App	0	•				
Job Presets						
Tool Lock Modes	P	,				
Symbol Key						
Feature Comparison	В					



tool works with 'intelligent joint sensing' technology to provide high accuracy and repeatability across all joint types



Best in class gearbox,

Torque

Torque

Norbar-designed and manufactured gearboxes are known globally for their superior quality and performance

Patent pending cooling system is

specifically engineered to manage and dissipate heat efficiently during operation, ensuring the tool maintains optimal operating temperatures, even under heavy use

Monitoring

Torque Limit



Compact, lightweight and ergonomic design allows for easier access to applications, and improved operator grip and comfort

'Safe to Start' button significantly reduces

the chances of accidental activation

Clear top-mounted display screen

and user interface provides clear

real-time readouts of torque data and allows for easy adjustments

of tool settings to be made

18 V, 5.0 Ah battery and

gives outstanding fastener

performance per charge

efficient motor

Advanced Modes

Operator sets a torque value and the tool will tighten until the target torque is achieved.



Torque Then Angle

Operator sets an initial torque target and final angle value. The tool will tighten to the set torque target, and then apply the angle value. The final torque value after the angle has been applied will be displayed.



Angle Only (Optional Torque Limit)

Operator sets an angle target, and the tool will immediately rotate until that angle is achieved. Torque is monitored, and a torque limit can be set which the tool will not exceed.



Torque with Angle Monitoring (TAM)

Operator sets an Initial and Final Torque, the angle is monitored between the Initial and Final Torque.



The Operator sets a target torque and an angle limit. The tool will tighten until the target torque is achieved. The fastener rotation is measured, a pass/fail is then indicated.



The EBT-CA torque multiplier utilises PC software accessible through the Norbar website, a mobile application is also available to download from dedicated app sites. These can be used to retrieve results, view tool diagnostics, configure Presets, User IDs and Job Presets

Connectivity Options

BLE (Bluetooth® Low Energy): Connect to the mobile app TorqApp™ or ToolSync Windows® software USB: Connect to ToolSync Windows® software

XBEE: Connect to G400 or CTech Box Systems

Create and Send Presets

The user can create individual Presets, these can be grouped together in Jobs. Each Job can hold up to 50 Presets. Jobs and/or Presets can be transmitted to the tool, and results recorded.

• Create and Send Users

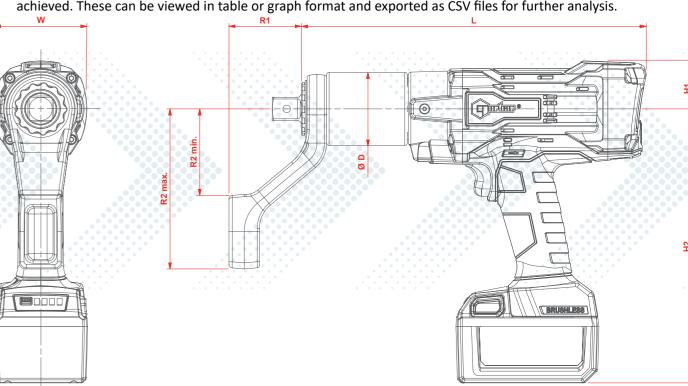
Set up User IDs with associated full names and tool access passwords, then send them to the tool for controlled access.

Save Results

The user can download results and graphs to a database in the ToolSync software, or view Torque Reports in the mobile app.

Viewing Downloaded Results

Results include the tool's serial number, timestamp and torque/angle check indicating if the target values were achieved. These can be viewed in table or graph format and exported as CSV files for further analysis.



TECHNICAL SPECIFICATION																	
CONNECTION	PART NUMBER MODEL		ACCURACY	SQUARE CALIBRATED RANGE N·m	CALIBRATED	OPERATING RANGE N·m	DIMENSIONS (mm)								TOOL	REACTION	OUTPUT
		MODEL					ØD max	Н1	H2	L	R1	R2 min	R2 max	w	WEIGHT (kg) *	WEIGHT (kg)	SPEED (rpm)
USB	181474	EBT-CA 750	±3%	3/11	150 - 750	75 - 750	60	39	224	282	60	71	131	76	3.1	0.8	12.5
	181478	EBT-CA 1100	±3%	34" & 1"	220 - 1,100	110 - 1,100	68	39	224	293	69	120	165	76	3.8	1.4	9.1
BLE	181475	EBT-CA 750	±3%	3/11	150 - 750	75 - 750	60	39	224	282	60	71	131	76	3.1	0.8	12.5
面	181479	EBT-CA 1100	±3%	34" & 1"	220 - 1,100	110 - 1,100	68	39	224	293	69	120	165	76	3.8	1.4	9.1
XBEE	181476	EBT-CA 750	±3%	3/11	150 - 750	75 - 750	60	39	224	282	60	71	131	76	3.1	0.8	12.5
×	181480	EBT-CA 1100	±3%	34" & 1"	220 - 1,100	110 - 1,100	68	39	224	293	69	120	165	76	3.8	1.4	9.1

NOTE: Tool supplied with 2 batteries, 1 single bay battery charger, cranked reaction, USB, operator manual and quick reference guide.

^{*} Tool weight excludes both reaction and battery. The battery weighs 0.8 kg.