



BLUE LOGIC

001 FLEXIBLE POWER INPUT

AC or DC power, 145 – 350VDC or 110 – 250VAC.
Power Factor Controller adapts to any power supply available from the host.

002 INGENIOUS LATCH MECHANISM

Auto-latch locking the tool in position once fully inserted. One-grip manipulator operation to release after operation.

BLUE LOGIC CLASS 1-4 ELECTRICAL TORQUE TOOL

All-Electric Torque Tool suitable for all kinds of Subsea Torque operations

004 ADAPTIVE GUI

Dedicated GUI for operation via laptop/PC.
Large range of settings and auto-functions.
Integration with external control system feasible

005 CLASS 1-4

Quick changeout of output socket, Cl. 1 thru Cl. 4. Autodetect of installed socket enabling auto-selection of torque output.
Subsea changeout of socket feasible.
Gearbox mode for actual torque/turns readout in GUI for operations using external gearbox.

003 LOG ALL PARAMETERS

All operations logged for operational reporting. Trending of required torque allows for condition monitoring of critical subsea applications over time.

006 SMOOTH OPERATION

Precise motor controller enables gentle operation. Ramp-up and ramp-down feature ensures careful operation of critical applications.





BLUE LOGIC CLASS 1-4 ELECTRICAL TORQUE TOOL

The Blue Logic Electrical Torque Tool utilize technology and advantages based on modern servo-based electrical controlled drive system to enable precise control of rotational speed, angular position and torque output. Different from hydraulic tools, the performance is not influenced by changes in surrounding temperature.

Optional Equipment:

- Torque verification jig, deck testing
- Torque verification jig, subsea testing
- Inductive connector for power & comms allowing for subsea hook-up/disconnect of Torque Tool and ROV, similar to traditional hot stab connect/disconnect
- Class 6-7 gearbox
- Tool for subsea replacement of output socket, class 1-4

Article No.	BB3306
Depth rating	3000 m
Supply voltage	110-250 VAC 50/60Hz or 145-350 VDC
Standards	API17H/ISO 13628-8
Output sockets	API17H/ISO 13628-8 Class 1 - 4
Weight in air	34,0 kg
Weight in seawater	25,7kg
Torque range, C11-2	67,5 – 270Nm
Torque range, C13-4	500 – 2700Nm
Low torque max speed	30 RPM
High Torque max speed	6 RPM
High torque accuracy	+/-10% @torque above 250Nm
Low torque accuracy	+/-5% @torque below 250Nm
Positioning precision	+/- 1°
Max. power consumption	2000 W
Max current draw	20 A
Communication	RS232 or RS485, Modbus RCU Protocol

Technical data subject to change as continuous development/improvement is ongoing.



BB3306 Torque Tool Kit



BB6161 Socket Change Out Tool



BA5247 Torque Tool with Inductive Connector



104212 Cl.4 Calibration Jig



BB0167 Cl.2 Calibration Jig



BB2408 Class 6 - 7 Gearbox