

Battery tightening technology

TorqBee® EC²-Series



Premium Power Tools



MADE IN GERMANY



HS-Technik GmbH
High - System - Technik

TorqBee® EC²-Series

Programmable DC-Tool with Action and Reaction Transducer (Redundancy)

- Rotating torque transducer and angle encoder + redundant torque reaction sensor
- Torque accuracy
≤ +/- 2,5 %
- 6-step programmability
 - Torque
 - Current
 - Angle
 - RPM
 - Time
- Handle vibration alarm
- Multi-colored LED indicator, visible from all angles
- Intelligent battery management
- Brushless high-power motor
- Display of the tightening results
- Recuperation extends the battery life
- Maximum ergonomics
- LED to illuminate the tightening area
- Updates can be installed via USB
- OLED-Display
- Screw counter
- Counter memory function
- 100 individual programs
- Min. 150,000 tightening results incl. torque and angle curve are stored in the tool
- OK / NOK evaluation of the shut-off result
- All common tightening strategies can be programmed
- Torque reaction sensor as a redundancy VDI / VDE 2862
- Optional: Barcode reader and Wi-Fi



For further information on the programming software, please visit our website.

TorqBee® EC² – Benefits in comparison to the tool on the previous pages

- Torque reaction sensor as a redundancy for rotating torque transducer
- Angle of the brushless motor as a redundancy for the angle encoder
- Suitable for class A, B & C joints and hand-guided systems (in accordance with VDI 2862)



TotqBee® EC²-Series

Pistol Tool



Pistol Tool	Torque	Speed (neutral)	Tool adapter	Dimensions L x W x H	Weight
TBPEC2-10*	0.8 - 11.0 Nm (7.08 - 97.36 lbf in)	20 - 740 rpm	1/4" - Form E	230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in)	1.15 kg (2.54 lbs)
TBPEC2-12*	1.0 - 14.0 Nm (8.85 - 123.91 lbf in)	20 - 530 rpm	1/4" - Form E	230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in)	1.15 kg (2.54 lbs)
TBPEC2-xxLSP3 ¹⁾	upon request	upon request	upon request	230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in)	1.15 kg (2.54 lbs)
TBPEC2-xxRA* ²⁾	upon request	upon request	upon request	230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in)	1.15 kg (2.54 lbs)

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

¹⁾ Pistol tool with LÜBBERING LSP3 interface

²⁾ Pistol tool with adapter for torque reaction arm

Dimensions and weight indications without battery.

TotiqBee® EC²-Series

Angle Tool



Angle Tool	Torque	Speed (neutral)	Tool adapter	Dimensions L x W x H	Weight
TBAEC2-10*-2 (4)	1.5 - 10.0 Nm (13.28 - 88.51 lbf in)	20 - 700 rpm	1/4" square	487 x 72 x 94 mm (19.17 x 2.83 x 3.70 in)	1.43 kg (3.15 lbs)
TBAEC2-12*-3	2.0 - 12.0 Nm (17.70 - 106.21 lbf in)	20 - 520 rpm	3/8" square	463 x 72 x 94 mm (18.23 x 2.83 x 3.70 in)	1.45 kg (3.20 lbs)
TBAEC2-20*-3	5.0 - 20.0 Nm (44.25 - 177.01 lbf in)	16 - 370 rpm	3/8" square	452 x 72 x 94 mm (17.80 x 2.83 x 3.70 in)	1.45 kg (3.20 lbs)
TBAEC2-30*-3	10.0 - 30.0 Nm (88.51 - 265.52 lbf in)	10 - 240 rpm	3/8" square	530 x 72 x 94 mm (20.87 x 2.83 x 3.70 in)	2.25 kg (4.96 lbs)
TBAEC2-55*-3 (5)	20.0 - 55.0 Nm (177.01 - 486.79 lbf in)	6 - 130 rpm	3/8" square	586 x 72 x 94 mm (23.07 x 2.83 x 3.70 in)	2.67 kg (5.89 lbs)
TBAEC2-85*-5	30.0 - 85.0 Nm (265.52 - 752.31 lbf in)	3 - 80 rpm	1/2" square	630 x 72 x 94 mm (24.80 x 2.83 x 3.70 in)	3.00 kg (6.61 lbs)
TBAEC2*-120-5	35.0 - 120.0 Nm (309.78 - 1062.09 lbf in)	2 - 60 rpm	1/2" square	647 x 72 x 94 mm (25.47 x 2.83 x 3.70 in)	3.40 kg (7.50 lbs)

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

2 = 1/4" square

3 = 3/8" square

4 = 1/4" hex E

5 = 1/2" square

Above 60 Nm, the tool must be operated with a suitable torque reaction arm!
Safety feature: From TBAx-30 second start trigger available.

Dimensions and weight indications without battery.

TorqBee® EC²-Series

Straight Tool



Straight Tool	Torque	Speed (neutral)	Tool adapter	Dimensions L x W x H	Weight
TBSEC2-10*	0.8 - 11.0 Nm (7.08 - 97.36 lbf in)	20 - 740 rpm	1/4" - Form E	410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in)	1.22 kg (2.69 lbs)
TBSEC2-12*	1.0 - 14.0 Nm (8.85 - 123.91 lbf in)	20 - 530 rpm	1/4" - Form E	410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in)	1.22 kg (2.69 lbs)

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

For more information about other TorqBee models, tool structure and accessories click here!

Dimensions and weight indications without battery.



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