

BOSSARD SMARTTOOL

Battery-DC-Driver

The basis of our Smart Factory Assembly offering is intelligent screwdriving tools. The Bossard SmartTool Battery-DC-Drivers are very stable and durable tools for the digitalization of your assembly.

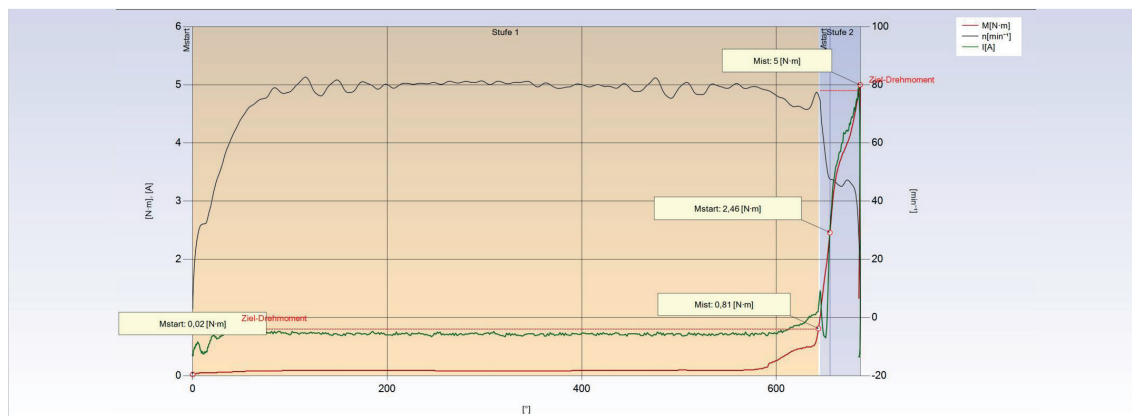
Product features

- Programmable via USB with the SmartTool-Manager (torque, current, rotation angle, speed, time)
- Multi-level programming (6 levels)
- Handle vibration alarm
- Multicolor status LED
- Intelligent battery management
- Display of the screwdriving results
- OLED display
- Screw counter
- Recovery (count memory function)
- 100 individual programs
- Min. 150.000 results incl. screw curves are stored in the tool
- Documentation of date and time for each screw joint
- OK/NOK evaluation of the shut-off result
- All common tightening strategies programmable

The screwdrivers of the black line have the highest sensor accuracy on the market with a torque sensor < 1% as well as a fullscale angle resolution of 0.1°.

Accuracy according to VDI/VDE 2645-2

TTxxB-xxL (-S)	+/- 10%	Cm>2.00	Cmk> 1.67
TTxxB-xx (-S)	+/- 7%	Cm>2.00	Cmk> 1.67



Technical data

Description	TTxxB-xx
Operating voltage	18 VDC
Noise emissions* (L_{pA})	< 72 dB(A)
Measurement uncertainty (K_{pA})	2.5 dB(A)
Vibration (a_{hv})	< 2.5 m/s ²
Measurement uncertainty (K_{hv})	0.1 m/s ²
Operating altitude	< 2000 mNN
Operating temperature	10 – 40 °C
Storage temperature	0 – 50 °C
BST-LB-1825 battery (weight)	Li-Ion, 18 V, 2.5 Ah (350 g)
BST-LB-1850 battery (weight)	Li-Ion, 18 V, 5.0 Ah (600 g)
BST-BC-2830 charger	220 - 240 VAC, 50 - 60 Hz, 65 W

* Actual emissions may vary from the above, depending on the type of workpiece and use of the tool.

Bossard SmartTool Pistol-DC-Driver

Article	Torque	Speed max.*	Tool adapter	Dimensions L x W x H	Weight
TT11B-10(-S)	0.8 - 11.0 Nm	740 U/min	1/4" - Form E	231 x 244 x 52(75) mm	1.15 kg
TT11B-12L(-S)	2.0 - 14.0 Nm	530 U/min	1/4" - Form E	231 x 244 x 52(75) mm	1.20 kg

(-S) = Optional scanner, *neutral

Bossard SmartTool Angle-DC-Driver

Article	Torque	Speed max.*	Tool adapter	Dimensions L x W x H	Weight
TT34B-20(-S)	5.0 - 20.0 Nm	370 U/min	3/8" - square	450 x 72 x 94 mm	1.45 kg
TT34B-20L(-S)	5.0 - 20.0 Nm	340 U/min	3/8" - square	450 x 72 x 94 mm	1.51 kg
TT34B-30(-S)	10.0 - 30.0 Nm	240 U/min	3/8" - square	530 x 72 x 94 mm	2.20 kg
TT34B-30L(-S)	10.0 - 30.0 Nm	200 U/min	3/8" - square	530 x 72 x 94 mm	2.50 kg
TT35B-55(-S)	20.0 - 55.0 Nm	130 U/min	1/2" - square	575 x 72 x 94 mm	2.60 kg
TT35B-55L(-S)	20.0 - 55.0 Nm	120 U/min	1/2" - square	580 x 72 x 94 mm	3.00 kg
TT35B-85(-S)	30.0 - 85.0 Nm	80 U/min	1/2" - square	625 x 72 x 94 mm	3.00 kg
TT35B-85L(-S)	30.0 - 85.0 Nm	80 U/min	1/2" - square	630 x 72 x 94 mm	3.50 kg

(-S) = Optional scanner, *neutral

Above 60 Nm, the tool must be operated with a suitable torque support! Dimensions and weight data without battery.

Scope of delivery

- Battery-DC-Driver
- USB Cable (Type A on Mini B)
- Operating instructions
- Machine capability test (MCT)

Bossard SmartTools are an integral part of Smart Factory Assembly.

For more information, please contact your Bossard representative and visit our website:

www.bossard.com/smart-factory-assembly/

