

# BL-Series

## Brushless Electric Torque Screwdrivers

### KEY FEATURES

Various models that range from 0.17 - 30 lbf.in.

High performance brushless motor design provides durability and reduces the standard maintenance cost for electric drivers.

Designed for high production environments. Minimal heat build-up even when tool is operated continuously.

Soft texture ergonomic grip.

Start Systems

BL-2000 models: Lever Start.

BL-3000, 5000 and 7000 models: Two-way Start System (switchable between Lever Start and Push-to-Start).

Vacuum and ESD models available.

ESD models prevent the occurrence of electrostatic discharge, which improves production yields, manufacturing costs, product quality, product reliability, reputation, and profitability.

Torque adjustment scale.

Requires a transformer (power supply).



### NOTE!

\*OPC models are designed to only operate with the HIOS BLOP-STC Screw Counter Transformer, see pages 01.19 & 01.20

Model	Driver Type	Item #	Torque Ranges		RPM		Grip Dia.	Length	Drive Size	Weight
			lbf.in	cN.m	High	Low				
BL-2000ESD	ESD Lever Start	144390	0.17 - 1.7	2 - 20	990	650	1"	6 3/4"	4mm HIOS	9 oz.
BL-2000ESD-OPC*	ESD Lever Start	144312	0.17 - 1.7	2 - 20	990	650	1"	6 3/4"	4mm HIOS	9 oz.
BL-3000	Lever & Push-to-Start	144393	1.7 - 4.8	2 - 55	980	680	1 1/4"	7 1/2"	4mm HIOS	11.3 oz.
BLQ-3000	Vacuum Lever Start & Push-to-Start	144394	1.7 - 4.8	2 - 55	980	680	1 1/4"	7 1/2"	4mm HIOS	11.6 oz.
BL-3000ESD	ESD Lever & Push-to-Start	144395	1.7 - 4.8	2 - 55	980	680	1 1/4"	7 1/2"	4mm HIOS	11.3 oz.
BLQ-3000ESD	Vacuum/ESD Lever & Push-to-Start	144396	1.7 - 4.8	2 - 55	980	680	1 1/4"	7 1/2"	4mm HIOS	11.6 oz.
BL-3000-OPC*	Lever & Push-to-Start	144313	1.7 - 4.8	2 - 55	980	680	1 1/4"	7 1/2"	4mm HIOS	11.3 oz.
BL-5000X	Lever & Push-to-Start	144383	1.7 - 10	20 - 120	900	590	1 1/4"	8"	1/4" Female/Hex	12.7 oz.
BLQ-5000X	Vacuum Lever & Push-to-Start	144388	1.7 - 10	20 - 120	900	590	1 1/4"	8"	1/4" Female/Hex	13 oz.
BL-5000XESD	ESD Lever & Push-to-Start	144385	1.7 - 10	20 - 120	900	590	1 1/4"	8"	1/4" Female/Hex	12.7 oz.
BLQ-5000XESD	Vacuum/ESD Lever & Push-to-Start	144387	1.7 - 10	20 - 120	900	590	1 1/4"	8"	1/4" Female/Hex	13 oz.
BL-5000X-OPC*	Lever & Push-to-Start	144389	1.7 - 10	20 - 120	900	590	1 1/4"	8"	1/4" Female/Hex	12 oz.
BL-7000X	Lever & Push-to-Start	144397	6.1 - 24	70 - 280	960	630	1 1/2"	8"	1/4" Female/Hex	22.6 oz.
BL-7000XESD	ESD Lever & Push-to-Start	144398	6.1 - 24	70 - 280	960	630	1 1/2"	9 1/2"	1/4" Female/Hex	22.6 oz.
BL-7000X-OPC*	Lever & Push-to-Start	144376	6.1 - 24	70 - 280	960	630	1 1/2"	9 1/2"	1/4" Female/Hex	22.6 oz.
BL-7000X-HT	Lever & Push-to-Start	144399	6.1 - 30	70 - 340	700	500	1 1/2"	9 1/2"	1/4" Female/Hex	22.6 oz.
BL-7000X-HTESD	ESD Lever & Push-to-Start	144309	6.1 - 30	70 - 340	700	500	1 1/2"	9 1/2"	1/4" Female/Hex	22.6 oz.



### BITS

Power Bits

SEE PAGES 02.4 & 02.5

HIOS Bits (shown)

SEE PAGE 02.2



### HEX to HIOS ADAPTER

SEE PAGE 01.45



### TOOL BALANCERS

Provides easy handling for operators that work with tools for long, continuous hours.

SEE PAGE 01.42