

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.



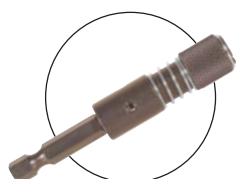
BITS

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



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