

Atlas Copco Screwdriver range

Securing productivity from 0.005 Nm



Designed for low-torque assembly operations

Featuring superior ergonomics and the latest technology, Atlas Copco's EBL screwdriver is setting new standards for electric low-torque screwdrivers.

- Brushless motor provides long working life, extended service intervals, low maintenance requirements.
- Good ergonomics mean maximum operator comfort: comfortable grip, low tool weight and lower noise level due to the brushless motor.
- Reporting tool models have a batch count feature that ensures that all screws have been tightened.
- Soft-stop feature on certain models prevents damage to sensitive electronics and plastic assembly components.



Model	Screw capacity	Torque range Soft joint		Free speed r/min	Weight		Length mm	Bit drive	Ordering No.
		Nm	in lb		kg	lb			
Standard models									
EBL03	M1-2	0.05 - 0.3	0.4 - 2.7	870	0.3	0.7	185	Wing type 4 mm	8431 0170 02
EBL03-Q	M1-2	0.05 - 0.3	0.4 - 2.7	870	0.3	0.7	185	1/4" Hex	8431 0170 04
EBL12	M2-3	0.2 - 1.2	1.8 - 10.6	910	0.5	1.1	215	1/4" Hex	8431 0170 11
EBL12-1500	M2-3	0.2 - 1.2	1.8 - 10.6	1500	0.5	1.1	215	1/4" Hex	8431 0170 41
EBL20	M2-3	0.5 - 2.0	4.5 - 18	750	0.5	1.1	215	1/4" Hex	8431 0170 16
EBL21-1500	M2-3	0.5 - 2.1	4.5 - 19	1500	0.8	1.8	235	1/4" Hex	8431 0170 43
EBL25	M2.5-4	1.0 - 2.5	8.8 - 22.1	930	0.8	1.8	235	1/4" Hex	8431 0170 23
EBL25-1500 ^a	M2.5-4	1.0 - 2.5	8.8 - 22.1	1500	0.8	1.8	235	1/4" Hex	8431 0170 25
EBL35	M2.5-4	1.0 - 3.5	8.8 - 31	700	0.8	1.8	235	1/4" Hex	8431 0170 33
EBL45 ^a	M2.5-5	1.0 - 4.5	8.8 - 40	700	0.8	1.8	235	1/4" Hex	8431 0170 40
Soft-stop models									
EBL03-SS	M1-2	0.05 - 0.3	0.4 - 2.7	870	0.3	0.7	185	Wing type 4 mm	8431 0170 07
EBL12-SS	M2-3	0.2 - 1.2	1.8 - 10.6	910	0.5	1.1	215	1/4" Hex	8431 0170 15
EBL20-SS	M2-3	0.5 - 2.0	4.5 - 18	750	0.5	1.1	215	1/4" Hex	8431 0170 20
EBL25-SS	M2.5-4	1.0 - 2.5	8.8 - 22.1	930	0.8	1.8	235	1/4" Hex	8431 0170 28
EBL35-SS	M2.5-4	1.0 - 3.5	8.8 - 31	700	0.8	1.8	235	1/4" Hex	8431 0170 38
Reporting									
EBL03-RE	M1-2	0.05 - 0.3	0.4 - 2.7	870	0.3	0.7	185	Wing type 4 mm	8431 0170 55
EBL03-Q-RE	M1-2	0.05 - 0.3	0.4 - 2.7	870	0.3	0.7	185	1/4" Hex	8431 0170 06
EBL12-RE	M2-3	0.2 - 1.2	1.8 - 10.6	910	0.5	1.1	215	1/4" Hex	8431 0170 13
EBL12-1500-RE	M2-3	0.2 - 1.2	1.8 - 10.6	1500	0.5	1.1	215	1/4" Hex	8431 0170 18
EBL20-RE	M2-3	0.5 - 2.0	4.5 - 18	750	0.5	1.1	215	1/4" Hex	8431 0170 19
EBL21-1500-RE	M2-3	0.5 - 2.1	4.5 - 19	1500	0.8	1.8	235	1/4" Hex	8431 0170 47
EBL25-RE	M2.5-4	1.0 - 2.5	8.8 - 22.1	930	0.8	1.8	235	1/4" Hex	8431 0170 26
EBL35-RE	M2.5-4	1.0 - 3.5	8.8 - 31	700	0.8	1.8	235	1/4" Hex	8431 0170 36
Soft-stop Reporting models									
EBL03-SS-RE	M1-2	0.05 - 0.3	0.4 - 2.7	870	0.3	0.7	185	Wing type 4 mm	8431 0170 08
EBL12-SS-RE	M2-3	0.2 - 1.2	1.8 - 10.6	910	0.5	1.1	215	1/4" Hex	8431 0170 17
EBL20-SS-RE	M2-3	0.5 - 2.0	4.5 - 18	750	0.5	1.1	215	1/4" Hex	8431 0170 21
EBL25-SS-RE	M2.5-4	1.0 - 2.5	8.8 - 22.1	930	0.8	1.8	235	1/4" Hex	8431 0170 29
EBL35-SS-RE	M2.5-4	1.0 - 3.5	8.8 - 31	700	0.8	1.8	235	1/4" Hex	8431 0170 39
Soft-start									
EBL12 ST	M2-3	0.2 - 1.2	1.8 - 10.6	910	0.5	1.1	215	1/4" Hex	8431 0170 14
EBL25 ST	M2.5-4	1.0 - 2.5	8.8 - 22.1	930	0.8	1.8	235	1/4" Hex	8431 0170 24
EBL35 ST	M2.5-4	1.0 - 3.5	8.8 - 31	700	0.8	1.8	235	1/4" Hex	8431 0170 37

^a EBL 45 and EBL 25-1500 to be used with EBL Drive Plus.

All tools models, drives and cables are ESD and UL certified.

Tool box include cable for drive connection (standard models with 5 pins cable and reporting models with 6 pins cable)

All the models are push-to-start or lever start configurable.

Optional Accessories

Drives

Model		Ordering No.
EBL Drive	For standard models and soft-stop models	8431 0170 70
EBL RE-Drive	For reporting models and soft-stop + reporting models	8431 0170 75
EBL Drive Plus	For all standard models and soft-stop models	8431 0170 85



EBL Drive

EBL Soft start controller

Model	Ordering No.
EBL ST controller (ESD approved)	8431 0170 80

- EBL ST controller to be used in applications that require slow start speed
- EBL ST controller to be connected between the tool and the driver



EBL RE-Drive



EBL Drive Plus



EBL Soft start controller

Vacuum pick-up accessories

Accessories (not ESD approved)	Ordering No.
Vacuum pump – 220V	4220 0062 00
Vacuum pump – 115V	4220 0062 05
Nozzle blank Ø 8 mm for EBL03	4220 0067 03
Nozzle blank Ø 8 mm for EBL 12, 20, 21, 25, 35	4220 0070 03
Nozzle blank Ø 14 mm for EBL 12, 20, 21, 25, 35	4220 0072 03
Vacuum pick-up adapter for EBL 03	4220 0080 30
Vacuum pick-up adapter for EBL 12, 20	4220 0080 31
Vacuum pick-up adapter for EBL 21, 25, 35	4220 0080 33

Connectors ISO standard

Designation	Ordering No.
Male plug	4220 0095 00
2-way female socket For wall mounting (Not ESD approved)	4220 0096 00

Pistol grip

Model	Ordering No.
EBL 12, 20	4220 0051 04
EBL 21, 25, 35 (ESD approved)	4220 0051 05

Cables

	Ordering No.
Cable (not ESD approved)	
Spiral cable, 1.3 m (5 pin)	4220 0347 00
Spiral cable, 1.3 m (6 pin)	4220 0349 00
Heavy duty, cable 2.0 m (5 pin)	4216 0132 00
Heavy duty, cable 2.0 m (6 pin)	4216 0133 00
Cable (ESD approved)	
Extension cable ^b 3.0 m (5 pin)	4220 0138 01
Extension cable ^b 3.0 m (6 pin)	4216 0115 00

^b Maximum total length 8 m.



Nozzles for EBL



Angle head, EBL

Angle head

Model	Ordering No.
EBL	
Square drive 1/4" (06)	4210 4033 80
Hex bit drive 1/4" (42)	4210 4033 81
Hex quick change 1/4" (Q)	4210 4033 82
Adapter EBL 12, 20 ^a	4210 4609 85
Adapter EBL 21, 25, 35 ^a	4210 4609 80

^a Need to be ordered separately.



EBL



Pistol grip



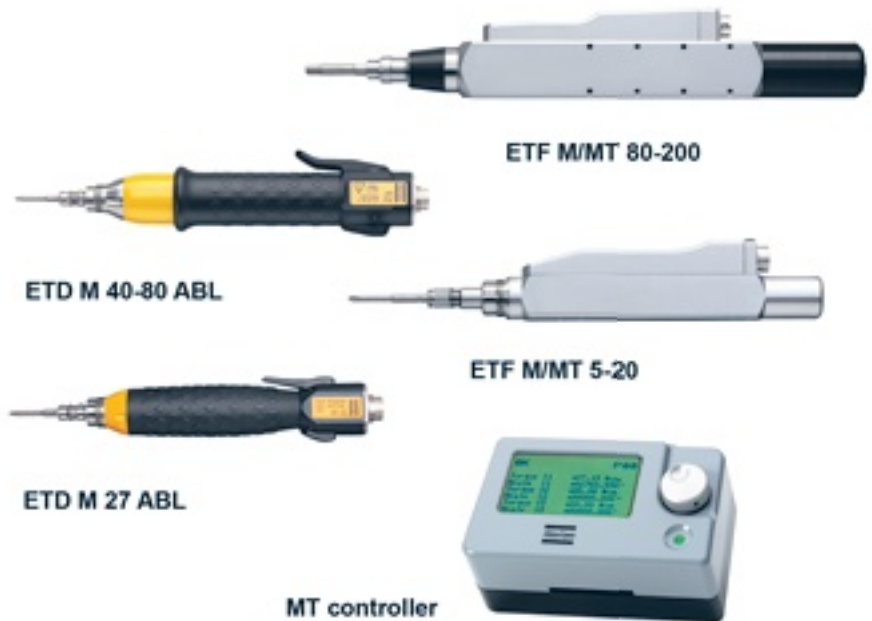
Service Kits

Model	Small parts kit	Brush kit
EBL	4216 0049 90	–

Ultra low-torque applications, starting at 0.5 Ncm, don't need to be demanding. Electric screwdrivers in the MicroTorque range from Atlas Copco are designed to perform consistently and precisely, time after time.

Compact controller

- Tightening strategy with programming in one to eight independent steps.
- 32 different P-sets and 9 jobs.
- Torque, angle and speed control.
- Additional external torque/angle transducer control.
- Configurable display.
- Operator feedback on the process.
- Supports PC/ToolsTalk MT.
- Communication via USB or RS232.
- "Digitork" / transducerized compatible.
- Fixed 12 inputs / 8 output digital signals.



Model	Torque range		Speed range r/min	Length mm	Overall width mm	Weight		Bit drive	Ordering No.
	Ncm	in lb				kg	lb		
Fixtured transducerized									
ETF MT 5	0.5 - 5	0.04 - 0.4	600	184	20	0.4	0.90	HM 4 mm	8432 0800 10
ETF MT 10	1 - 10	0.09 - 0.9	600	184	20	0.4	0.90	HM 4 mm	8432 0800 11
ETF MT 20	2 - 20	0.18 - 1.8	800	184	20	0.4	0.90	HM 4 mm	8432 0800 12
ETF MT 50	5 - 50	0.44 - 4.4	1000	255	30	0.76	1.67	HM 4 mm	8432 0800 13
ETF MT 50 F	5 - 50	0.44 - 4.4	1000	218	30	0.76	1.67	HM 4 mm	8432 0800 20
ETF MT 80	8 - 80	0.71 - 7.1	1200	274	30	1.18	2.60	HM 4 mm	8432 0800 14
ETF MT 100 HM4	10 - 100	0.88 - 8.8	1200	274	30	1.18	2.60	HM 4 mm	8432 0800 21
ETF MT 100	10 - 100	0.88 - 8.8	1000	274	30	1.18	2.60	1/4" HEX	8432 0800 15
ETF MT 200	20 - 200	1.77 - 17.7	800	274	30	1.18	2.60	1/4" HEX	8432 0800 16
ETF MT 500	50 - 500	4.42 - 44.2	500	260	40	1.84	4.05	1/4" HEX	8432 0800 17
Hand-held "Digitork", without push-to-start									
ETD M 03 A	0.5 - 2.5	0.04 - 0.2	1000	132	16	0.1	0.22	Ø 2 mm	8432 0810 05
ETD M 05 A	1.5 - 5	0.13 - 0.4	750	132	16	0.1	0.22	Ø 2 mm	8432 0810 06
ETD M 10 A	3 - 10	0.27 - 0.9	750	132	16	0.1	0.22	Ø 2 mm	8432 0810 08
ETD M 25 AVB	7.5 - 25	0.66 - 2.2	750	174	22	0.25	0.55	HM 4 mm	8432 0810 09
ETD M 27 ABL	7.5 - 27	0.66 - 2.4	800	185	29	0.26	0.57	HM 4 mm	8432 0815 02
Hand-held "Digitork", push-start configurable									
ETD M 40 ABL	10 - 40	0.71 - 3.6	850	225.4	36	0.52	1.1	HM 4 mm	8432 0815 05
ETD M 50 ABL	15 - 50	1.33 - 4.4	850	225.4	36	0.52	1.1	HM 4 mm	8432 0815 08
ETD M 80 ABL	16 - 80	1.42 - 7.1	850	225.4	36	0.52	1.1	HM 4 mm	8432 0815 11
ETD M 100 L	25 - 100	2.21 - 8.8	700	240	27	0.65	1.43	1/4" HEX	8432 0810 12
ETD M 200 L	50 - 200	4.42 - 17.7	700	240	27	0.65	1.43	1/4" HEX	8432 0810 13
ETD M 250 L	75 - 250	6.62 - 23.5	600	240	27	0.65	1.43	1/4" HEX	8432 0810 24
Fixtured "Digitork"									
ETF M 05	1.5 - 5	0.13 - 0.4	800	184	20	0.4	0.90	HM 4 mm	8432 0810 15
ETF M 10	3 - 10	0.27 - 0.9	500	184	20	0.4	0.90	HM 4 mm	8432 0810 16
ETF M 20	5 - 20	0.44 - 1.8	650	184	20	0.4	0.90	HM 4 mm	8432 0810 17
ETF M 50	15 - 50	1.33 - 4.4	850	230	30	0.8	1.76	HM 4 mm	8432 0810 18
ETF M 80	16 - 80	1.42 - 7.1	850	272	30	1.2	2.64	HM 4 mm	8432 0810 19
ETF M 100	25 - 100	2.21 - 8.8	700	272	30	1.2	2.64	1/4" HEX	8432 0810 20
ETF M 200	50 - 200	4.42 - 17.7	600	272	30	1.2	2.64	1/4" HEX	8432 0810 21
ETF M 400	150 - 400	13.27 - 35.4	320	260	40	1.8	3.96	1/4" HEX	8432 0810 22
ETF M 800	300 - 800	26.55 - 70.8	300	322	45	2.6	5.73	1/4" HEX	8432 0810 23

^a ETD M 20-25 M AXXX: C - tool cable connector, V - vacuum through the tool cable, B - reverse button, S - short lever start.

NOTE: "Complete system" (single ordering number) includes: Controller, screwdriver, tool cable, Tools Talk MT, USB communication cable and power supply.

Optional Accessories

Controller accessories

Model	Ordering No.
Combi (Remote control + program selector)	8432 0830 88
Remote control	8432 0830 08
Digital program selector	8432 0830 34
Controller fixture table	8432 0830 84
Controller fixture wall	8432 0830 32
Footswitch	8432 0830 07
Y cable for I/O connector ^a	8432 0831 99
Desktop socket (with screwdriver presence sensor)	8432 0831 89

^a Y cable suitable when two I/O accessories are required.
For our vacuum adapter please consult your local Atlas Copco representative.

Tool cable

Model	Length	Ordering No.
M-(AB)L	2 m	8432 0830 37
MT/M/M-AXXX	2 m	8432 0830 36
M-(AB)L	3.5 m	8432 0831 02
MT/M/M-AXXX	3.5 m	8432 0831 01

Cable accessories

Model	Ordering No.
Cable, RS232	8432 0830 38
Cable, USB	8432 0830 39
Transducer cable	8432 0830 35

Software

Model	Ordering No.
Tools Talk MT (for programming)	8432 0830 30
Tools Talk MT Analysis (for graph analysis)	8432 0830 31
Tools Talk MT Analysis/Net (for graph analysis and data collection)	8432 0830 45

Stacklights

Model	Ordering No.
Table stand	8432 0830 97
Wall mount	8432 0830 99



Digital program selector



Controller fixture wall



Remote control



Footswitch



Tool cable



Desktop socket



Controller fixture table



Stacklight wall mount



Stacklight table stand

Vacuum adapter

Model	Bit mm / Nozzle Ø mm	Ordering No.
ETD 03-25 xVx	36-44 / 6	8432 0770 02
ETD M 27 ABL	64 / 6	8432 0770 12
ETD 40-80 ABL	44 / 6	8432 0770 13
ETD 40-80 ABL	64 / 6	8432 0770 15
ETD 40-80 ABL	44 / 8	8432 0770 17
ETD 40-80 ABL	64 / 8	8432 0770 05
ETD 100-250 L	50 / 6	8432 0770 20
ETD 100-250 L	70 / 6	8432 0770 23
ETD 100-250 L	50 / 8	8432 0770 27
ETD 100-250 L	70 / 8	8432 0770 30
ETD 100-250 L	90 / 8	8432 0770 25
ETF 5-80	44 / 6	8432 0770 33
ETF 5-80	64 / 6	8432 0770 35
ETF 5-80	44 / 8	8432 0770 38
ETF 5-80	64 / 8	8432 0770 40
ETF 100-200	70 / 8	8432 0770 43
ETF 400-800	70 / 10	8432 0770 45



Vacuum adapter



VPX 6 vacuum pump

Vacuum pump

Model	Ordering No.
Vacuum pump, VPX 3	8432 0830 05
Vacuum pump, VPX 6	8432 0830 06

Blank nozzles

Model	Ø mm	Ordering No.
Blank nozzle	6	8432 0830 21
	8	8432 0830 22
	10	8432 0830 24



VPX 3, vacuum pump

Shaker tray

Type	Slot mm	Ordering No.	Type	Slot mm	Ordering No.
SGQ Large^a (110x110x35 mm)			MSG Small^b (70x70x15 mm)		
SGQ 15	1.5	8432 0830 09	MSG 06	0.6	8432 0830 20
SGQ 20	2	8432 0830 10	MSG 07	0.7	8432 0830 21
SGQ 25	2.5	8432 0830 11	MSG 08	0.8	8432 0830 22
SGQ 30	3	8432 0830 12	MSG 09	0.9	8432 0830 23
SGQ 35	3.5	8432 0830 13	MSG 10	1.0	8432 0830 24
SGQ 40	4	8432 0830 14	MSG 11	1.1	8432 0830 25
SGQ 45	4.5	8432 0830 15	MSG 12	1.2	8432 0830 26
SGQ 50	5	8432 0830 16	MSG 13	1.3	8432 0830 27
SGQ 55	5.5	8432 0830 17	MSG 14	1.4	8432 0830 28
SGQ 60	6	8432 0830 18	MSG 15	1.5	8432 0830 29



Blank nozzles

^a SGQ type (big version): For screws up to 30 mm length. From Ø 1.5 up to Ø 6 mm.

^b MSG type (small version): For screws up to 10 mm length. From Ø 1.5 up to Ø 6 mm.



Shaker tray box