



SPECIALISED FORCE
HYDRAULIC TOOLS & PTY. LTD.
ELECTRICAL CONTRACTORS EQUIPMENT

EXCLUSIVE DISTRIBUTOR OF

alkitronic®

HOME OF TORQUE POWER



EB SERIES

Applications

- alkitronic® EB: Battery-driven torque multiplier from 170 Nm to 6,000 Nm /125 ft.lbs to 4,425 ft.lbs.
- Extremely mobile and always ready for use: Innovative product design for comfortable working - independent of external power supply.
- Permanent higher joint quality by continuous rotation of the square drive.

Advantages

- Ergonomic design: Ultra grippy housing for your safety and a secure bolting procedure.
- OLED-display: Anti-glare and high contrast – for perfect reading under all weather conditions.
- High quality bolting: The brushless synchronous motor with excellent efficiency and the smart processor-controlled automatic shutdown ensures amazing increased productivity and low running costs.
- Low noise emissions, no noise protection necessary.
- alkitronic® smart service: Enabling wireless documentation and information.
- Unique 1-finger trigger: Unbeatable efficiency through fast, simple change of direction of rotation.
- Maximum flexibility: Thanks to the application-specific, modular-software packages from alkitronic® - e.g. bolting according to the torque/rotation angle method with adjustable min./max. torque limitation. Can also be retrofitted later if the bolting application changes.
- Repeat shut-off accuracy $\pm 3\%$ for the same bolting application.

alkitronic® Specials

- Simple navigation: Intuitive interface drastically reduces operating errors and misadjustments.
- Health and safety first: Due to a new technology patented by alkitronic® the reaction torques are decoupled. This leads to an extreme reduction of radial forces on the wrist to 1 Nm and thus actively contributes to the occupational health and safety of the worker.
- Outstanding battery concept: Vast increase in operating time thanks to innovative switching from 4 to 6 Ah.

Bolting programs:

The software suite 1 is pre-installed in the basic equipment. For user-specific applications, the manufacturer can activate optional modular software:

- Software suite 1:** Torque controlled bolting (standard)
- Software suite 2:** Torque/angle procedure for high-quality bolting connections
- Premium:** Torque/angle procedure with adjustable min./max. torque limitation
- Software suite 3:** Bolting with preset rotations and torque limit
- Software suite 4:** Bolting parameters according to individual customer requirements
- Software suite 5:** Bluetooth transmission via alkitronic® APP
Documentation of the bolted joints (target-actual status, recording for each joint)

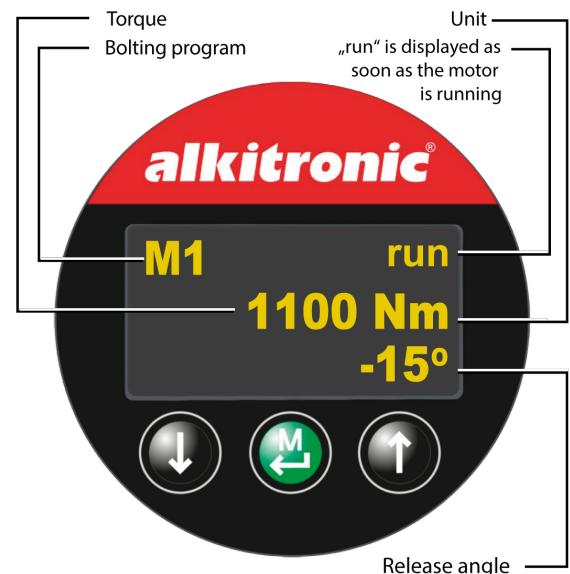
Specifications

All alkitronic® EB torque multipliers with CE-certification. Caution! The Li-Ion battery is preset to 4 Ah (72 Wh) so that it can be shipped or transported in accordance with special regulation 188.

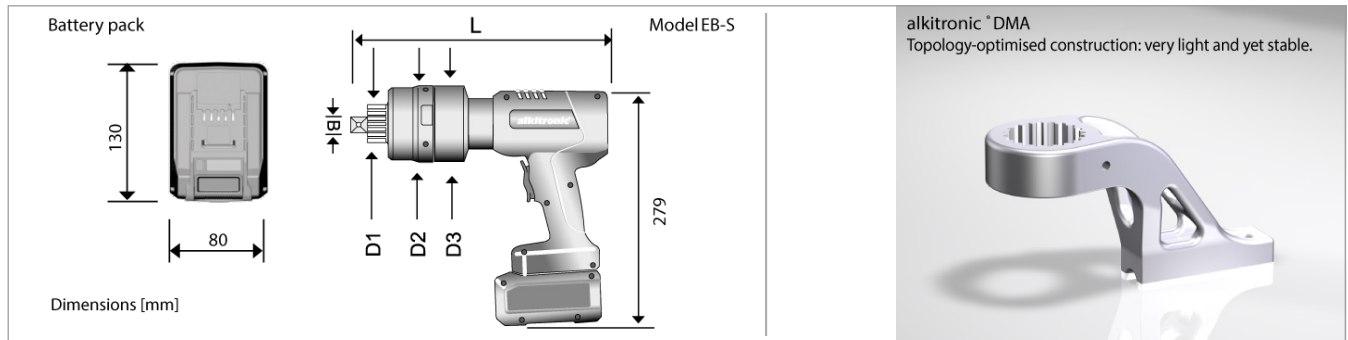
alkitronic®



Operating panel



EB SERIES



Models EB-S

Type	EB-S 80	EB-S 150	EB-S 180	EB-S 250	EB-S 350	EB-S 480	EB-S 600
Torque ranges (approx.) * Nm	170-850	280-1400	360-1800	500-2500	700-3500	960-4800	1200-6000
ft.lbs	125-625	205-1035	265-1330	365-1845	515-2580	705-3540	885-4425
Square drive B	3/4"	3/4"	1"	1"	1"	1 1/2"	1 1/2"
Diameter (approx.) D1 mm	41	41	41	54	54	72	72
Diameter (approx.) D2 mm	88	88	88	88	88	98	109
Diameter (approx.) D3 mm	88	88	88	88	88	88	88
Length (approx.) L mm	330	330	375	382	382	400	407
Weight without DMA** (approx.) kg	6,2	6,2	7,7	8,3	8,3	10,3	11,5

*(When loosening bolts, a higher torque (up to 20 %) may be necessary (release torque). We will be pleased to help you with your choice. **) Torque reaction arm



Scope of delivery in the machine case



alkitronic® DMA torque reaction arm



Ozito Li-Ion Battery pack (2)

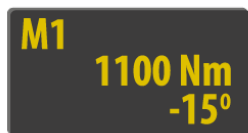


Ozito Battery charger

Display views

Software suite 1 (mode 1) and software suite 2 (mode 2)

Mode 1 / M1 (Standard)



Bolting via torque. Automatic release according to pre-set angle degrees.

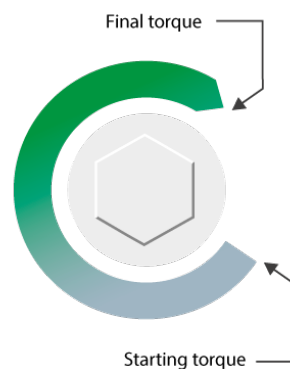
Mode 2 / M2 (Option)



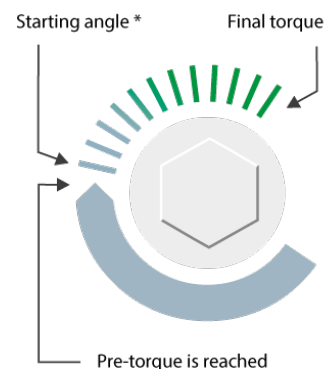
Torque/angle procedure for high-quality bolting connections. Display example of pre-torque, angle and release angle.

Scheme bolting programs Mode 1 und Mode 2

Torque controlled bolting mode 1



Torque/angle procedure mode 2



During the bolting process, the current torque value is shown in the display. Reaching the set value is indicated by an "OK". If the selected value cannot be achieved, the bolting operation is evaluated as "nOK".

* Information on rotational angle setting for torque/angle method.
• The angle of rotation is specified by the design for the bolting connection.
• The angle of rotation can be determined individually and easily with alkitronic® HSD. We will gladly provide you with detailed product information.

BATTERY SERIES

www.specialisedforce.com.au