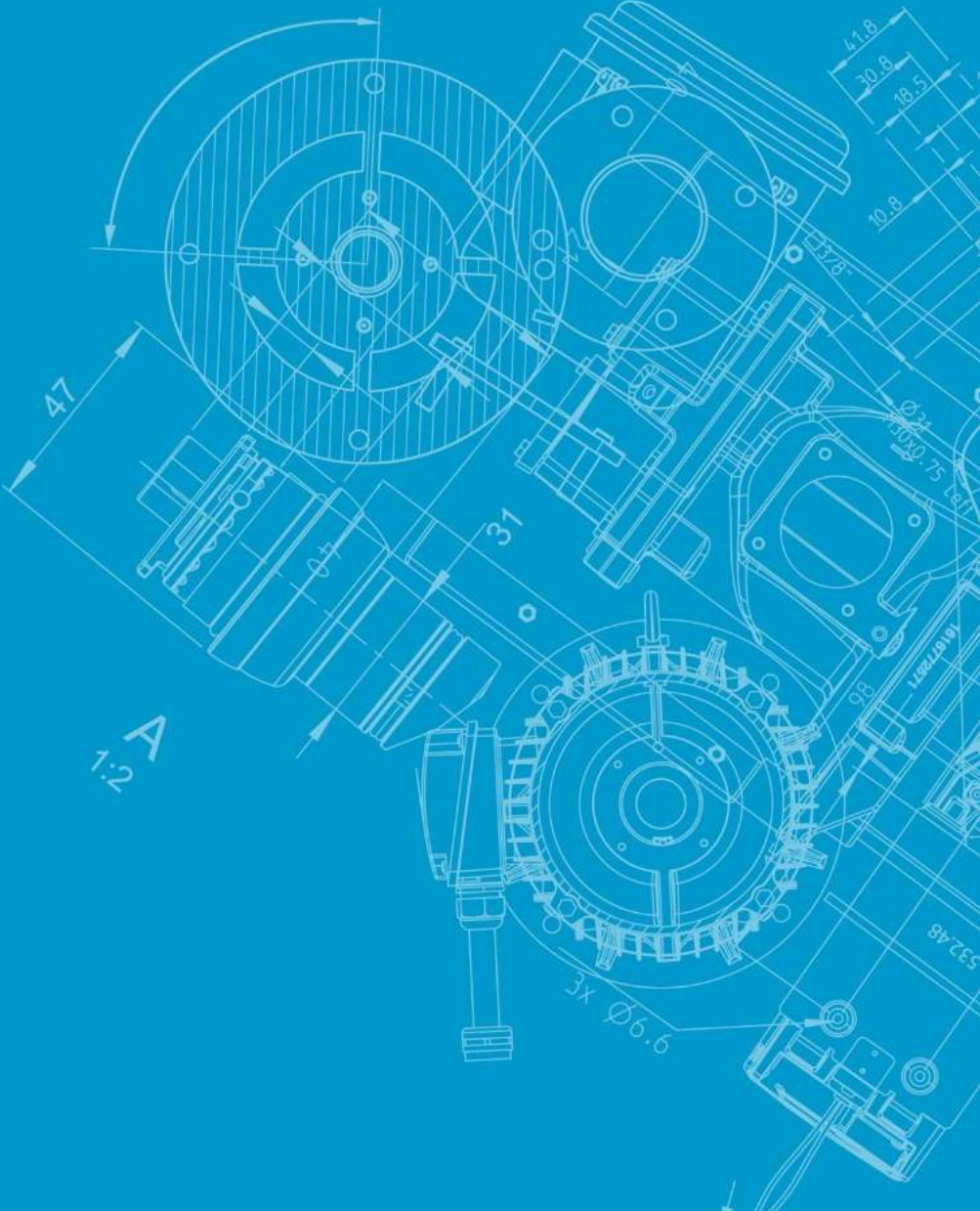




Atlas Copco

XTB-P Technical presentation

XB range overview



Ready to connect

One platform, countless of opportunities

- XCB with mechanical shut-off
- XTB with torque control and angle monitoring
- Ready to use out of the box
 - Quick programing in webHMI
- Connect any time**
- A durable work horse for your every need
- Outstanding ergonomics



**available in 2025

XB Positioning

Customer critical joints (C)

Tightening delivered
10 % accuracy



XCB

High-quality clutch tools
Intuitive UI/UX
1 program



Quality critical joints (B)

Torque delivered
7.5 % accuracy
Result data collection



XTB

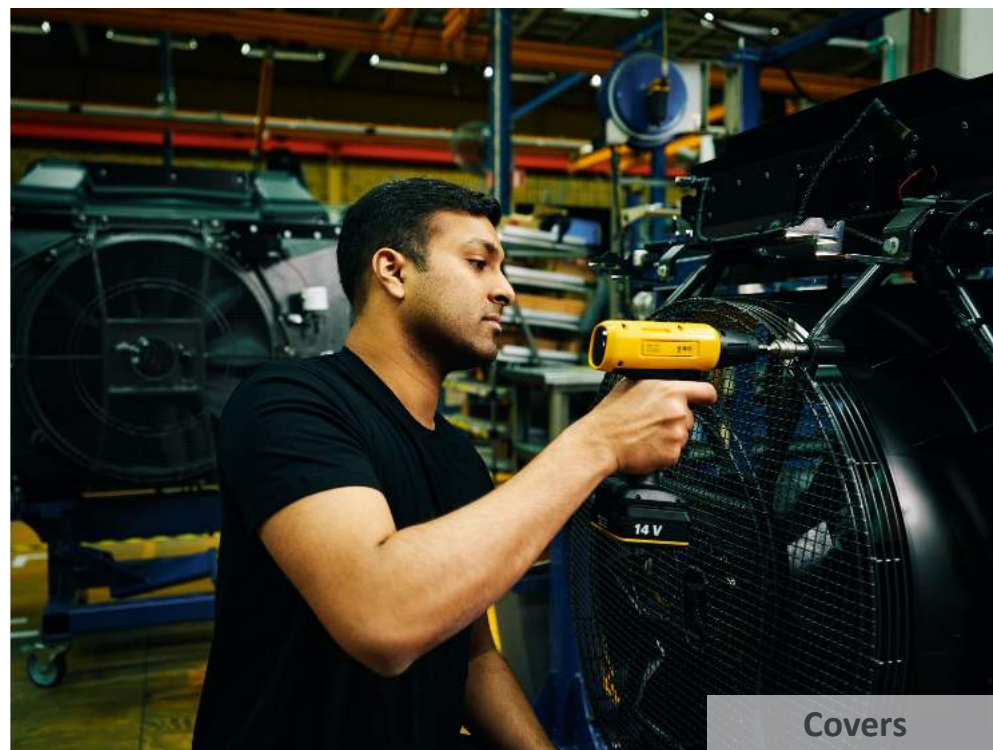
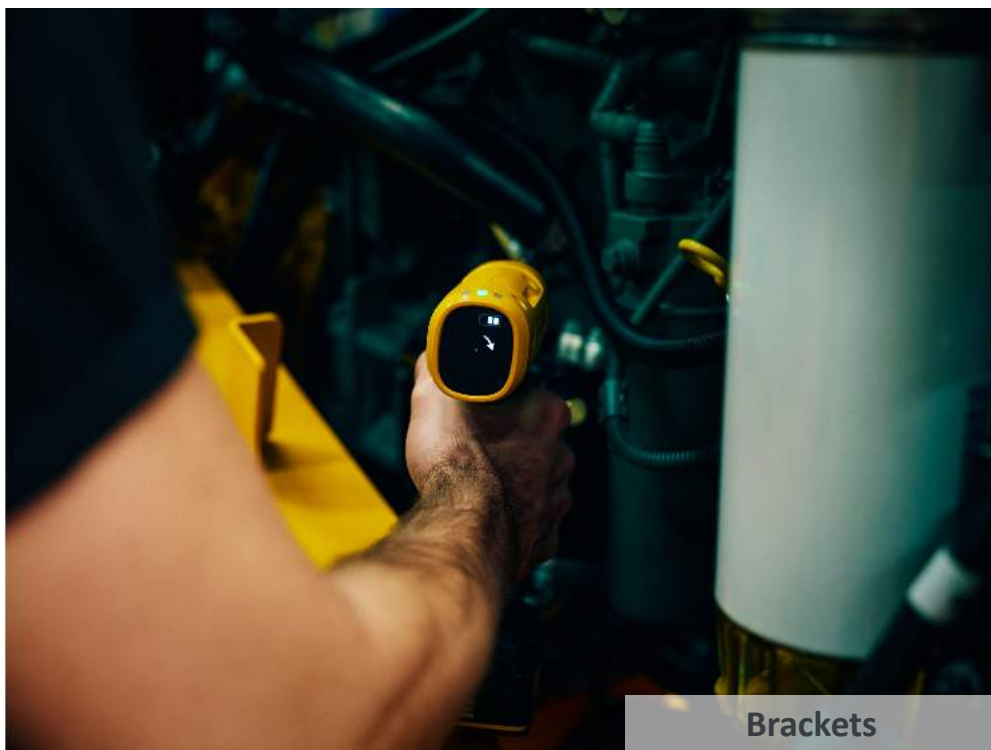
Transducerized ease of use
Replaces several clutch tools
1 program – SW scalable



Part of the Power Focus Ecosystem

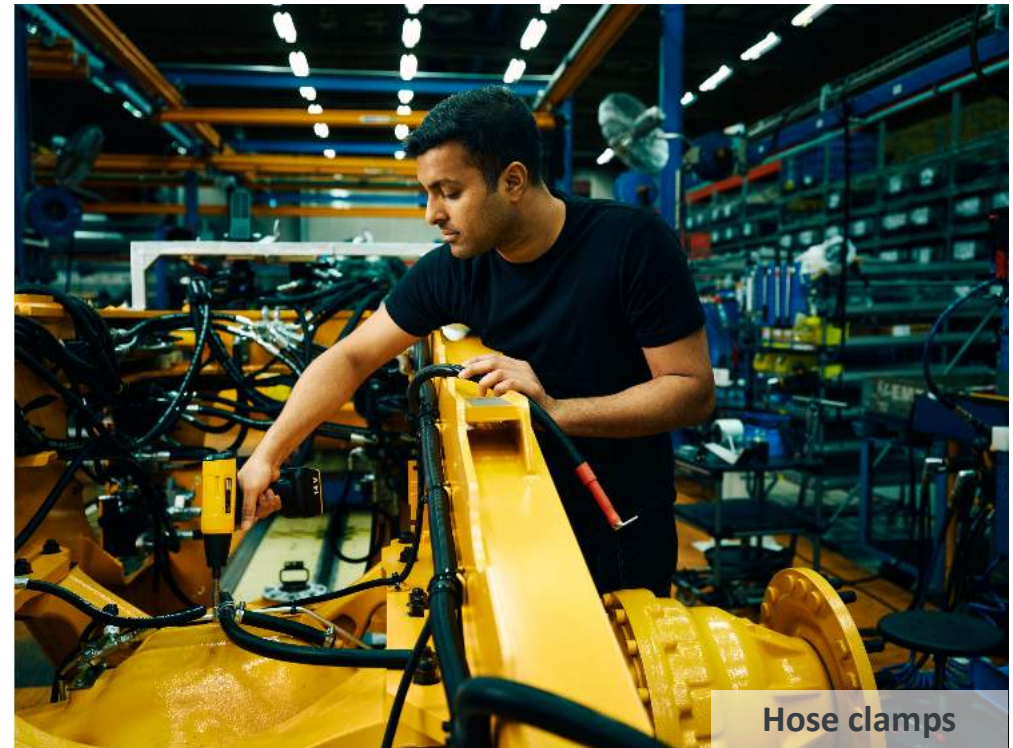
Applications

XCB – For non-critical joints

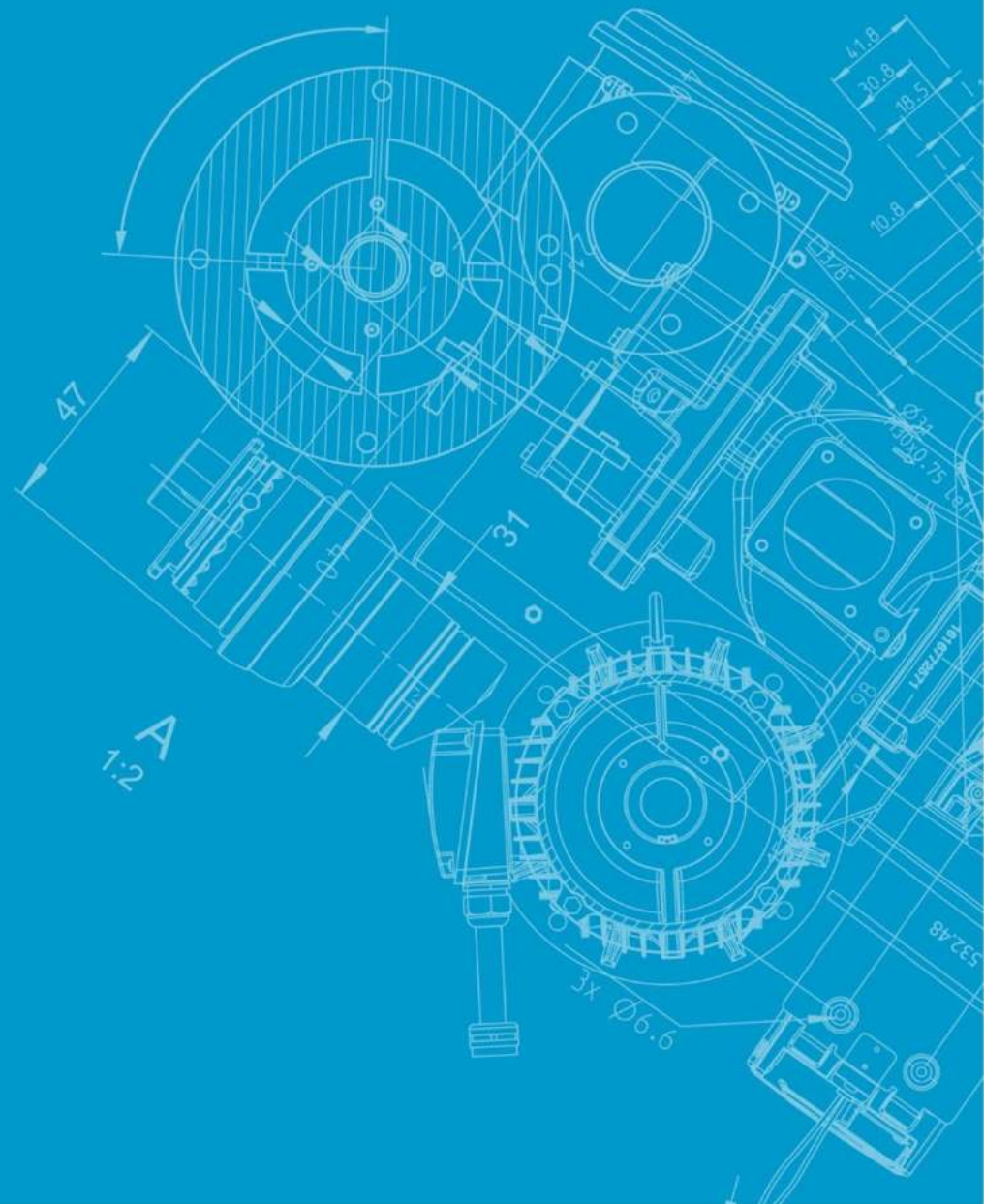


Applications

XTB – For enhanced process control to improve quality



XTB-P Main Values



XTB – Transducerized ease of use

XTB-P

- Transducerized tool with torque control
± 7,5% accuracy – torque control
- 1 program / tool in standalone
- Black / white display and 3 buttons



Main values



Built to run from day one



Combining speed and precision



Robust design for tough applications



Easy to setup — even easier to use



A loyal workhorse with excellent ergonomics

Robust design for tough applications



A loyal workhorse with excellent ergonomics

Ergo Stop
For a more comfortable shut-off experience

LED lights
Provide clear tightening results



OLED Screen
Enhanced process information

Optimized handle design
Developed over 60 years

14V battery
Lowest possible weight of tool and strain on operator



Adapt to your needs



Easy to setup

- Simply connect via micro-USB
- Use any web browser to access webHMI
- Adjust the parameters, apply and test
 - No need to remove USB cable



For a sustainable future

Efficient brushless motor
Get more done with less energy



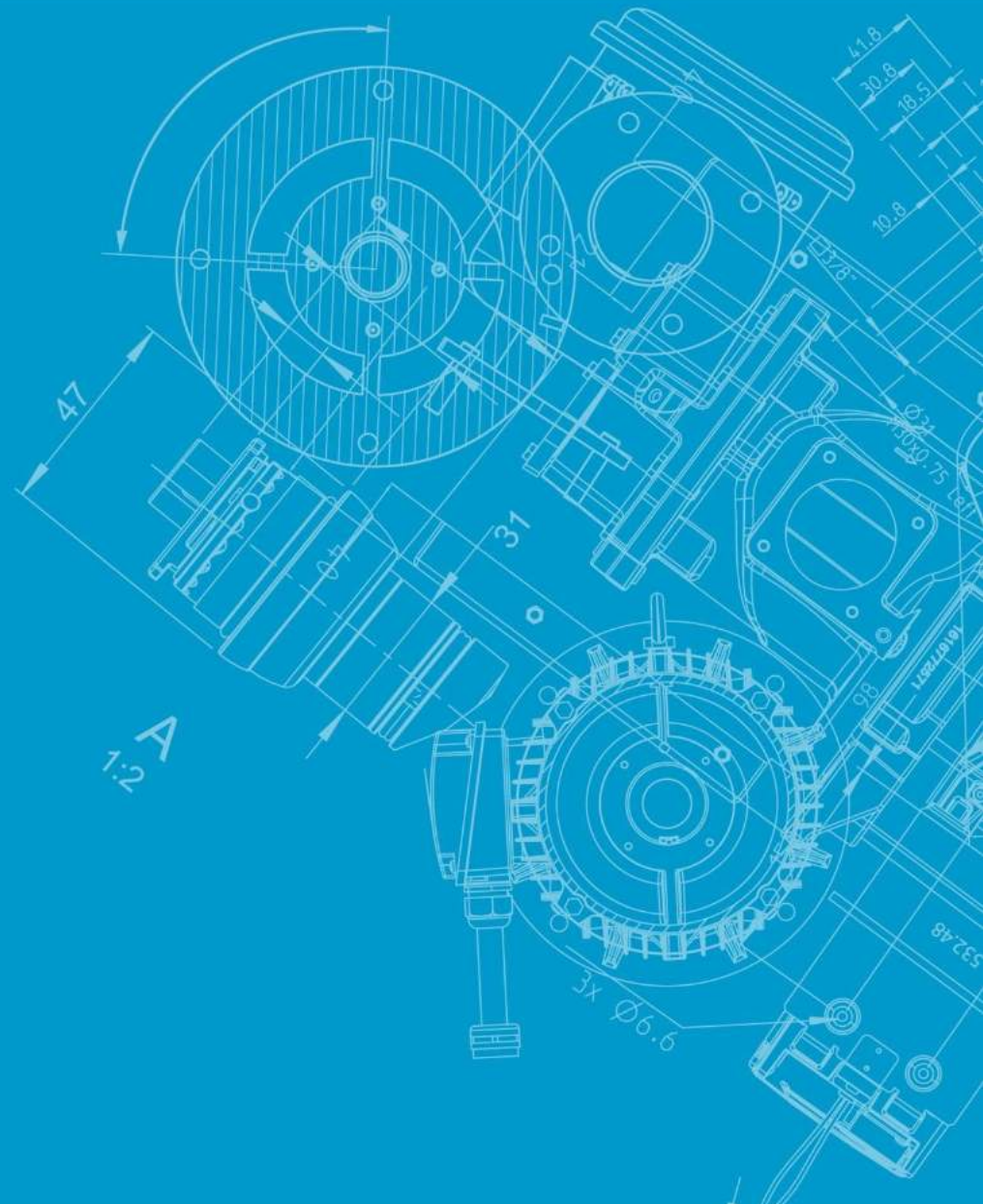
Easy to service
For longest possible product life

Replace you air tools
88% lower energy consumption

Battery idling consumption
Extremely low power when idling

XTB-P overview

Performance and ordering numbers

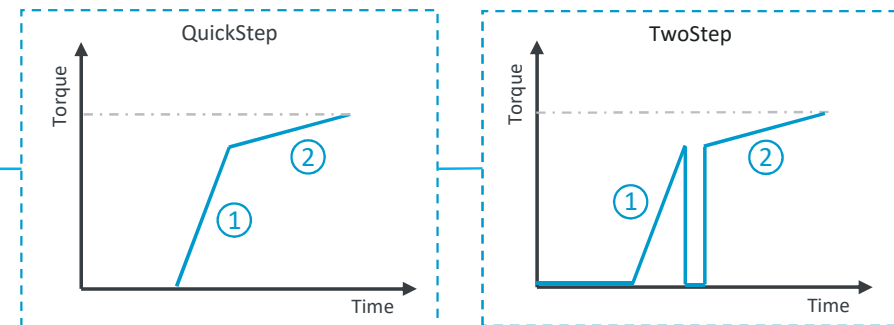


XTB Standalone

Pistol

		6 Nm	12 Nm
Weight (excl. bat.) [kg]		1	
Torque range [Nm]		(0.8*) 2 – 6	4 - 12
Battery		14V/18V (STRB2)	
Speed [rpm]	14V	100-800	50-400
	18V	100-1000	50-500
Square drive		Female Hex ¼"	
Tightening strategy		QuickStep and TwoStep	
Programing		USB cable	

*Require adjustment of speed



XB-P overview

Ordering numbers and accessories

Description	Square drive [in]	Torque range [Nm/in lbs]		Speed 18V [rpm]	Weight [kg/lb]		Length [mm/in]		Height [mm/in]		Ordering number
XTB-P-06-I06	Hex ¼	0.8-6	7-53	100-1000	1	2.2	213	8.4"	212	8.35"	8431 6200 06
XTB-P-12-I06	Hex ¼	5-12	44-106	50-500	1	2.2	213	8.4"	212	8.35"	8431 6200 12

Description	Current [V]	Electric Charge [Ah]	Weight [kg/lb]		Protective cover Ordering Number	Ordering number
Battery 14V (Gen C)	14V	2.5	0.37	0.82	4211 5730 25	4211 6130 02
Battery 18V	18V	2.5	0.5	1.10	4211 6090 18	4211 6130 06
Flex Charger 14 – 36V, all countries (SW 2.7.5.6 or newer)						4211 6083 84



Tool overview



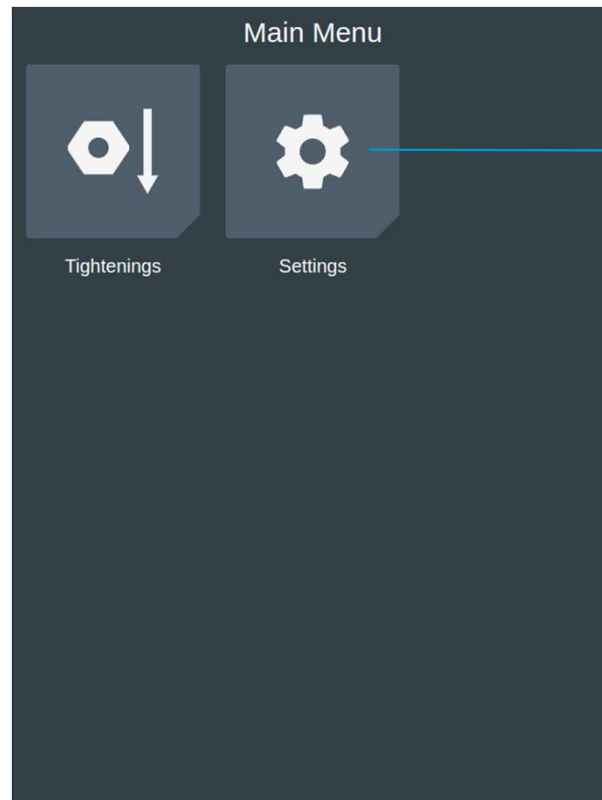
Tool configuration

Standalone



1. Start the tool by connecting the battery
2. Connect a micro-USB cable on the back of the tool and connect to a computer
3. Open a web browser on the computer and enter address: <http://169.254.1.1/>
4. The tightening parameters can be configured under the category *Tightenings*

Main page



Tool information

Tightening counter and motortune
SW version and SW update

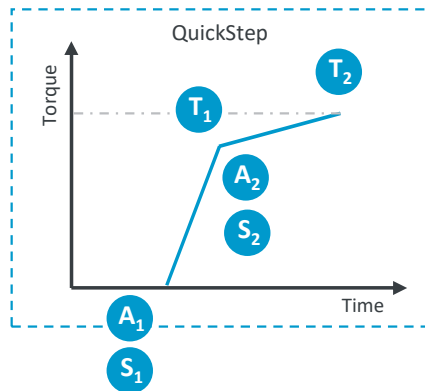
Tightenings page

General information

- Acceleration
 - The time to change speed from one step to another, including tool start to first speed
 - If the speed goes from high to low, it's the deceleration time
 - Min: 50 ms
 - Max 1000 ms
 - Can be used as soft start with a long acceleration time (linear ramp)
- Ergo stop
 - Shut-off ramp for better ergonomics
 - Speed is reduced with 50% after final torque is reached and the (motor) current is ramped down to zero
- Max speed
 - Depends on battery voltage
 - If max speed is set higher than what current battery can achieve, the tool will try to reach the max speed, but won't succeed

Tightenings page

QuickStep



Edit program	
Name	My QuickStep program
Strategy	QuickStep
Rundown step	
Speed	200 rpm
Acceleration	350 ms
Torque	4 Nm
Final step	
Speed	100 rpm
Acceleration	250 ms
Torque	6 Nm
Torque limits	Auto <input type="radio"/> Manual <input checked="" type="radio"/>
Max	7.2 Nm
Min	5.7 Nm
Brake type	
Ergo stop	Off <input type="radio"/> On <input checked="" type="radio"/>
Return	

Rundown speed – max speed depends on battery voltage

S₁

Acceleration from zero to rundown speed

A₁

First torque

T₁

Final speed – max speed depends on battery voltage

S₂

Acceleration from rundown speed to final speed

A₂

Final torque

T₂

Auto: -5% / +20%

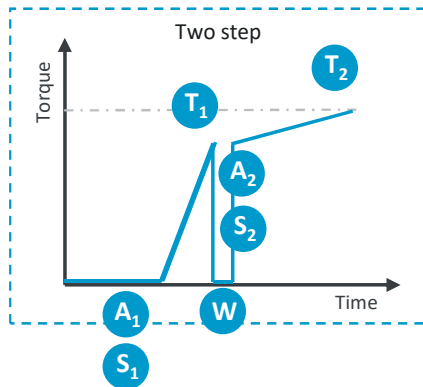
Maximum torque limit

Minimum torque limit

Shut-off ramp for better ergonomics

Tightenings page

TwoStep



Edit program	
Name	My TwoStep program
Strategy	TwoStep
Rundown step	
Speed	200 rpm
Acceleration	350 ms
Torque	4 Nm
Wait step	
Time	50 ms
Final step	
Speed	100 rpm
Acceleration	250 ms
Torque	6 Nm
Torque limits	Auto <input checked="" type="radio"/> Manual
Brake type	
Ergo stop	Off <input type="radio"/> On
Return	

Rundown speed – max speed depends on battery voltage

S₁

Acceleration from zero to set rpm

A₁

First torque

T₁

Pause between rundown and final step

W

Final speed – max speed depends on battery voltage

S₂

Acceleration from Wait (zero) to final speed

A₂

Final torque

T₂

Auto: -5% / +20% Manual: min and max based on torque

Shut-off ramp for better ergonomics

Service page

Tightening counter and motortune

The screenshot shows a mobile application interface titled "Settings". At the top, there is a hamburger menu icon and a "Service" dropdown menu. Below this, the "Tightening counters" section displays two rows: "Total tightenings 113" and "OK tightenings 77". The "Motortune" section features a "Perform motortune" button. The "Torque calibration" section includes a "Last calibrated" field with a date placeholder "yyyy-mm-dd" and a "Calibration value" field with the number "12" and the unit "Nm".

Total number of tightenings

Total number of OK tightenings

Tool will not start without a calibration value

The Atlas Copco logo is centered on a blue background. It consists of two thick white horizontal bars, one above and one below the company name. The name "Atlas Copco" is written in a white, elegant, cursive script font.

Atlas Copco

